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NAS WILLOW GROVE
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SAMPLE ANALYSIS DATA FOR ANTENNA FIELD LANDFILL, FIRE TRAINING AREA, 9TH STREET LANDFILL, AND PRIVET ROAD OF NAS WILLOW GROVE

CONTRACT NO. N62472-90-D-1298

JANUARY 1992

HALLIBURTON NUS
Environmental Corporation

Donohue ENGINEERS ARCHITECTS SCIENTISTS

ENSR™

SAMPLE ANALYSIS DATA
FOR
ANTENNA FIELD LANDFILL, FIRE TRAINING AREA, 9TH STREET LANDFILL, AND PRIVET ROAD OF NAS WILLOW GROVE

Submitted to:
Northern Division
Environmental Branch, Code 14
Naval Facilities Engineering Command
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Philadelphia, Pennsylvania 19112-5094

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Contract No. N62472-90-D-1298
Contract Task Order Number 11

JANUARY 1992

NAS WILLOW GROVE
SAMPLE ANALYSIS DATA
DATA SUMMARY PACKAGE ORGANIZATION

This data summary package is organized into seven sections. Section 1 contains sample log sheets listing sample locations, sample numbers, sample types and anaylsis.

Section 2 contains data for Antenna Field Landfill.

Section 3 contains data for the Fire Training Area.

Section 4 contains data for Ninth Street Landfill.

Section 5 contains data for Privet Road.

Section 6 contains data for quality control samples.

Section 7 contains qualifiers for sample data listed by site and by type of analysis performed.

Generally, the qualifiers which appear in association with unvalidated data are to be interpreted as follows:

U - The value is a nondetect as reported by the laboratory. No positive hit was detected for the particular chemical during analysis.

B - (Organic data only). This qualifier denotes that the compound was also detected in associated laboratory blank analyses.

B - (Inorganic data only). This qualifier does not pertain to blank contamination. This qualifier denotes that the positive result is reported at a concentration less than the Contract Required Detection Limit (CRDL).

J - (Organic data only). The result is reported at a concentration less than the Contract Required Quantitation Limit (CRQL).

Generally, the qualifiers which appear in association with validated data should be interpreted as follows:

U - The value is a nondetect as reported by the laboratory. No positive hit was detected for the particular chemical during analysis.

B - The value is considered to be a false positive attributable to the occurrence of laboratory or associated field quality control blank contamination.

R - The result for the particular chemical, whether it is a positive result, or a nondetect, is rejected (i.e. removed as a valid data point), because of severe problems during analysis or substantial matrix interferences.

J - The value is a positive result, but the exact quantitation is approximated due to minor problems during analysis or matrix interferences.

UJ - The value is a nondetect, but the exact level of detection is approximated because of minor problems during analysis or matrix interferences.

Please refer to the index of footnotes for the specific reason a B, R, J or UJ qualifier was used to flag a particular data point.

PRIVET ROAD SAMPLE LOG

Analysis: Volatile organic compounds, pesticides, PCB, total metals, dissolved metals for groundwater, and cyanide

Sample (Source) Location	Sample Number	Type	Comments
Borehole 3	PRB-3-0002 PRB-3-0204 PRB-3-0204D PRB-3-0406 PRB-3-0608	Subsurface soils	Duplicate of PRB-3-0204
Borehole 4	PRB-4-0002 PRB-4-0204 PRB-4-0204D PRB-4-0406 PRB-4-0608	Subsurface soils	MS/MSD Duplicate of PRB-4-0204D MS/MSD
Borehole 5	PRB-5-0204 PRB-5-0406 PRB-5-0608	Subsurface soils	
Borehole 6	PRB-6-0002 PRB-6-0204 PRB-6-0406 PRB-6-0608	Subsurface soils	
Borehole 7	PRB-7-0002 PRB-7-0204 PRB-7-0406 PRB-7-0406D PRB-7-06075 PRB-7-07508	Subsurface soils	Duplicate of PRB-7-0406
Borehole 8	PRB-8-0002 PRB-8-0204 PRB-8-0406 PRB-8-0608 PRB-8-0810	Subsurface soils	MS/MSD
Borehole 9	PRB-9-0002 PRB-9-0204 PRB-9-0406 PRB-9-0608 PRB-9-0810	Subsurface soils	MS/MSD
Borehole 10	PRB-10-0002 PRB-10-0204 PRB-10-0406 PRB-10-0406D PRB-10-0608	Subsurface soils	Duplicate of PRB-10-0406

PRIVET ROAD (continued)

Sample (Source) Location	Sample Number	Type	Comments
Borehole 11	PRB-11-0002 PRB-11-0204 PRB-11-0406 PRB-11-0608 PRB-11-0810	Subsurface soils	MS/MSD
Borehole 12	PRB-12-0002 PRB-12-0406 PRB-12-0608 PRB-12-0608D PRB-12-0810 PRB-12-1012	Subsurface soils	Duplicate of PRB-12-0608
Borehole 13	PRB-13-0002 PRB-13-0204 PRB-13-0608 PRB-13-1012 PRB-13-1214	Subsurface soils	
Borehole 14	PRB-14-0204 PRB-14-0406 PRB-14-0204D PRB-14-0608 PRB-14-0810 PRB-14-1012	Subsurface soils	Duplicate of PRB-14-0204
Borehole 15	PRB-15-0002 PRB-15-0204 PRB-15-0406 PRB-15-0406D PRB-15-0810 PRB-15-1214	Subsurface soils	Duplicate of PRB-15-0406
Borehole 16	PRB-16-0002 PRB-16-0204 PRB-16-0406 PRB-16-0810 PRB-16-1012	Subsurface soils	MS/MSD
Borehole 17	PRB-17-0002 PRB-17-0204 PRB-17-0406 PRB-17-0608 PRB-17-0204D	Subsurface soils	Duplicate of PRB-17-0204
Borehole 18	PRB-18-0204 PRB-18-0406 PRB-18-0608 PRB-18-0810 PRB-18-1012	Subsurface soils	

PRIVET ROAD (continued)

Sample (Source) Location	Sample Number	Type	Comments
Monitoring well no. 1	PRW-1	Groundwater	
Monitoring well no. 2	PRW-2 PRW-2D	Groundwater	Duplicate of PRW-2
Monitoring well no. 2B	PRW-2B	Groundwater	MS/MSD
Monitoring well no. 3	PRW-3	Groundwater	
Monitoring well no. 4	PRW-4	Groundwater	
Monitoring well no. 4B	PRW-4B	Groundwater	
Monitoring well no. 5	PRW-5	Groundwater	
Monitoring well no. 5B	PRW-5B	Groundwater	
Monitoring well no. 6	PRW-6 PRW-6D	Groundwater	Duplicate of PRW-6
Monitoring well no. 6B	PRW-6B	Groundwater	
Monitoring well no. 7	PRW-7	Groundwater	
Monitoring well no. 7B	PRW-7B	Groundwater	
Upstream unnamed tributary northeast of compound	PR-SWS-1 PR-SS-1	Surface water Sediment	
Downstream unnamed tributary northeast of compound	PR-SWS-2 PR-SS-2	Surface water Sediment	
Upgradient in northwest drainage ditch/southeast fork	PR-SWS-4 PR-SS-4	Surface water Sediment	
Upgradient in northwest drainage ditch/south fork	PR-SWS-5 PR-SS-5	Surface water Sediment	
Surface runoff during rainfall into drain downgradient of site	PR-SWS-6 PR-SS-6	Surface water Sediment	
Navy production well no. 2	PRW-NW-2A PRW-NW-2B	Groundwater	(Additional pump test samples) Before pump test MS/MSD After pump test
Navy production well no. 1	PRW-NW-1A PRW-NW-1AD PRW-NW-1B	Groundwater	(Additional pump test samples) Before pump test Duplicate After pump test MS/MSD

ANTENNA FIELD LANDFILL SAMPLE LOG

Analysis: Volatile organic compounds, semivolatile organic compounds, pesticides, PCB, and total metals

Sample Location (Source)	Sample Number	Type	Comments
On unnamed stream downgradient of on-site access road	AL-SWS-1 AL-SWS-1D AL-SS-1	Surface water Sediment	Duplicate of AL-SWS-1
Midstream, adjacent to toe of landfill	AL-SWS-2 AL-SS-2	Surface water Sediment	
Downgradient in drainage ditch before discharge to stream	AL-SS-3	Sediment	No surface water available to sample
Upstream, at mouth of concrete culvert	AL-SWS-4 AL-SS-4 AL-SS-4D	Surface water Sediment	Duplicate of AL-SS-4
Midway in drainage ditch	AL-SS-5	Sediment	No surface water available to sample
Northeast and upgradient in drainage ditch	AL-SS-6	Sediment	No surface water available to sample
Upgradient in unnamed tributary to the east	AL-SWS-7 AL-SS-7	Surface water Sediment	
Downgradient of site and unnamed tributary before stream exits from base	AL-SWS-8 AL-SS-8	Surface water Sediment	MS/MSD
Approximately 300 feet downstream from Horsham Avenue	AL-SWS-9 AL-SS-9	Surface water Sediment	
Approximately 30 feet before confluence with Pennypack Creek	AL-SWS-10 AL-SS-10 AL-SS-10D	Surface water Sediment	Duplicate of AL-SS-10
Upstream in Pennypack Creek	AL-SWS-11 AL-SS-11	Surface water Sediment	MS/MSD
Downstream in Pennypack Creek approximately 100 feet from confluence of on-site stream	AL-SWS-12 AL-SS-12	Surface water Sediment	Additional sample as per discussion with Navy on September 10, 1991

ANTENNA FIELD LANDFILL (continued)

Sample Location (Source)	Sample Number	Type	Comments
Upgrdient of site in low-lying wetland northeast of drainage ditch	AL-SWS-13 AL-SS-13	Surface water Sediment	Additional sample as per discussion with Navy on September 25, 1991
Monitoring well no. 1	ALW-1	Groundwater	MS/MSD
Monitoring well no. 2	ALW-2	Groundwater	
Monitoring well no. 3	ALW-3	Groundwater	
Leachate		Groundwater	No leachate seeps were located or discovered along the toe of the landfill
Upstream, at mouth of concrete culvert	AL-SWS-4B	Surface water	Requested by Navy on September 27, 1991 when a fish kill occurred

NINTH STREET LANDFILL SAMPLE LOG

Analysis: Volatile organic compounds, semivolatile organic compounds, pesticides, PCB, total metals, dissolved metals for groundwater, and cyanide

Sample Location (Source)	Sample Number	Type	Comments
Ballfield hand auger	9SL-S1 9SL-S1B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S2 9SL-S2B	Surface soil Subsurface soil	MS/MSD
Ballfield hand auger	9SL-S3 9SL-S3-B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S4 9SL-S4B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S5 9SL-S5B	Surface soil Subsurface soil	MS/MSD
Ballfield hand auger	9SL-S6 9SL-S6B 9SL-S6BD	Surface soil Subsurface soil Subsurface soil	Duplicate of 9SL-S6B
Ballfield hand auger	9SL-S7 9SL-S7B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S8 9SL-S8B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S9 9SL-S9B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S10 9SL-S10B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S11 9SL-S11B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S12 9SL-S12B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S13 9SL-S13B	Surface soil Subsurface soil	
Ballfield hand auger	9SL-S14 9SL-S14B 9SL-S14BD	Surface soil Subsurface soil Subsurface soil	Duplicate of 9SL-S14B
Ballfield hand auger	9SL-S15 9SL-S15B	Surface soil Subsurface soil	MS/MSD

NINTH STREET (continued)

Sample Location (Source)	Sample Number	Type	Comments
Ballfield hand auger	9SL-S16 9SL-S16D 9SL-S16B	Surface soil Surface soil Subsurface soil	Duplicate of 9SL-16
Test pit no. 1	9SL-TP1-S1	Subsurface soil	Only 1 sample was obtained from the test pit because there were no disturbed or unusual soil conditions.
Test pit no. 2	9SL-TP2-S1 9SL-TP2-S2	Subsurface soil Subsurface soil	Only 2 samples were obtained because of the limited extent of fill material.
Test pit no. 3	9SL-TP3-S1	Subsurface soil	Only 1 sample was obtained from the test pit because there were no disturbed or unusual soil conditions.
Test pit no. 4	9SL-TP4-S1 9SL-TP4-S2 9SL-TP4-S3 PSL-TP4-S4	Subsurface soil Subsurface soil Subsurface soil Subsurface soil	All 4 samples were obtained.
Upgradient in pond at mouth of discharge culvert	9SL-SWS-1 9SL-SS-1	Surface water Sediment	
Downgradient of pond at earthen dam's discharge culvert	9SL-SWS-3 9SL-SS-3	Surface water Sediment	
In stream at exit point from base	9SL-SWS-4 9SL-SS-4	Surface water Sediment	
Upgradient of pond in wetland	9SL-SWS-5 9SL-SS-5	Surface water Sediment	
Eastern end of pond	9SL-SS-6	Sediment	MS/MSD
Western end of pond	9SL-SS-7	Sediment	
Monitoring well no. 1	9SLW-1	Groundwater	MS/MSD
Monitoring well no. 1	9SLW-1D	Groundwater	Duplicate of 9SLW-1
Monitoring well no. 1B	9SLW-1B	Groundwater	
Monitoring well no. 1C	9SLW-1C	Groundwater	MS/MSD
Monitoring well no. 2	9SLW-2	Groundwater	
Monitoring well no. 3	9SLW-3	Groundwater	

NINTH STREET (continued)

Sample Location (Source)	Sample Number	Type	Comments
Monitoring well no. 3B	9SLW-3B	Groundwater	
Monitoring well no. 3C	9SLW-3C 9SLW-3CD	Groundwater	Duplicate of 9SL-W-3C
Monitoring well no. 4	9SLW-4	Groundwater	
Monitoring well no. 4B	9SLW-4B	Groundwater	
Monitoring well no. 4C	9SLW-4C	Groundwater	
Monitoring well no. 5	9SLW-5	Groundwater	
Ninth street landfill	9SL-FB		Field blank

FIRE TRAINING AREA SAMPLE LOG

Analysis: Volatile organic compounds

Sample Location (Source)	Sample Number	Type	Comments
Borehole 5	FTAB-5-0002 FTAB-5-0204 FTAB-5-0406 FTAB-5-0406D FTAB-5-0608 FTAB-5-1012	Subsurface soils	 Duplicate of FTAB-5-0406
Borehole 6	FTAB-6-0002 FTAB-6-0204 FTAB-6-0406 FTAB-6-0608 FTAB-6-1012	Subsurface soils	
Borehole 7	FTAB-7-0002 FTAB-7-0204 FTAB-7-0406 FTAB-7-0608 FTAB-7-0608D	Subsurface soils	 MS/MSD Duplicate of FTAB-7-0608
Borehole 8	FTAB-8-0002 FTAB-8-0406 FTAB-8-0608 FTAB-8-1012 FTAB-8-1416	Subsurface soils	
Borehole 9	FTAB-9-0002 FTAB-9-0204 FTAB-9-0608 FTAB-9-1012 FTAB-9-1618	Subsurface soils	
Borehole 10	FTAB-10-0204 FTAB-10-0204-D FTAB-10-0406 FTAB-10-0810 FTAB-10-1012 FTAB-10-1618	Subsurface soils	 Duplicate of FTAB-10-0204 MS/MSD
Borehole 11	FTAB-11-0002 FTAB-11-0406 FTAB-11-0406D FTAB-11-0608 FTAB-11-1012 FTAB-11-1416	Subsurface soils	 Duplicate of FTAB-11-0406 MS/MSD

FIRE TRAINING AREA (continued)

Sample Location (Source)	Sample Number	Type	Comments
Borehole 12	FTAB-12-0002 FTAB-12-0406 FTAB-12-0810 FTAB-12-1214 FTAB-12-1618	Subsurface soils	
Borehole 13	FTAB-13-0204 FTAB-13-0406 FTAB-13-0406D FTAB-13-0608 FTAB-13-1012 FTAB-13-1214	Subsurface soils	Duplicate of FTAB-13-0406
Borehole 14	FTAB-14-0406 FTAB-14-0608 FTAB-14-0810 FTAB-14-1012 FTAB-14-1214 FTAB-14-1214D	Subsurface soils	Duplicate of FTAB-14-1214
Borehole 15	FTAB-15-0002 FTAB-15-0406 FTAB-15-0406D FTAB-15-0810 FTAB-15-1214 FTAB-15-1618	Subsurface soils	Duplicate of FTAB-15-0406 MS/MSD
Borehole 16	FTAB-16-0406 FTAB-16-0608 FTAB-16-1012 FTAB-16-1214 FTAB-16-1416	Subsurface soils	
Monitoring well no. 1	FTAW-1	Groundwater	
Monitoring well no. 1B	FTAW-1B	Groundwater	MS/MSD
Monitoring well no. 2	FTAW-2	Groundwater	
Monitoring well no. 3	FTAW-3	Groundwater	
Monitoring well no. 4	FTAW-4	Groundwater	
Monitoring well no. 5	FTAW-5 FTAW-5D	Groundwater	MS/MSD Duplicate of FTAW-5

FIRE TRAINING AREA (continued)

Sample Location (Source)	Sample Number	Type	Comments
Monitoring well no. 6	FTAW-6	Groundwater	
Monitoring well no. 6B	FTAW-6B	Groundwater	
Monitoring well no. 7	FTAW-7	Groundwater	
Monitoring well no. 7B	FTAW-7B	Groundwater	
Well borehole no. 7	FTAW-7-1011	Subsurface soil	Additional sample requested by Navy on September 5, 1991

QUALITY CONTROL SAMPLE LOG

Trip Blanks	
TB-0828	08-28-91
TB-0830	08-30-91
TB-0903	09-03-91
TB-0904	09-04-91
TB-0905	09-05-91
TB-0906	09-06-91
TB-0907	09-07-91
TB-0909	09-09-91
TB-0910	09-10-91
TB-0911	09-11-91
TB-0912	09-12-91
TB-0916	09-16-91
TB-0917	09-17-91
TB-0918	09-18-91
TB-0919	09-19-91
TB-0920	09-20-91
TB-0923	09-23-91
TB-0924	09-24-91
TB-0925	09-25-91
TB-0927	09-27-91
TB-0930	09-30-91
TB-1007	10-07-91
TB-1008	10-08-91

Rinsates	
R-0916	09-16-91
R-0917	09-17-91
R-0918	09-18-91
R-0919	09-19-91
R-0920	09-20-91
R-0923	09-23-91
R-0924	09-24-91
R-0925	09-25-91
R-0927	09-27-91
R-0930	09-30-91
R-1007	10-07-91

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SS-13	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13
SAMPLE LOCATION:		AL-SS-13	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13
SAMPLE ID NUMBER:							
1,1,1-Trichloroethane	10	11 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	11 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	11 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	11 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	11 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	11 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	11 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	11 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	23 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	23 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	23 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	140 B	10 U	10 U	10 U	10 U	10 U
Benzene	10	11 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	11 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	11 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	23 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	11 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	11 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	11 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	23 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	11 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	23 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	11 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	11 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	9 BJ	3 BJ	3 BJ	3 BJ	4 BJ	3 BJ
Styrene	10	11 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	11 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	13	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	11 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	11 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	23 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	23 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	11 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	11 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/26/91	09/26/91	09/26/91	09/26/91	09/26/91
DATE EXTRACTED:							
DATE ANALYZED:		09/28/91	09/28/91	09/28/91	09/30/91	09/28/91	09/28/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SWS-1D	AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8
SAMPLE LOCATION:		AL-SWS-1D	AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8
SAMPLE ID NUMBER:					910552-01		
1,1,1-Trichloroethane	10	5 U	5 U	1 J	5 U	3 J	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	200 B (2)	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	4 BJ	3 BJ	4 BJ	3 B (1)	4 BJ	2 J
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/26/91	09/26/91	09/27/91	09/26/91	09/26/91
DATE EXTRACTED:							
DATE ANALYZED:		09/28/91	09/28/91	09/28/91	09/30/91	09/29/91	09/29/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SWS-9	ALW-1	ALW-2	ALW-3
SAMPLE ID NUMBER:			910519-01	910519-02	910526-01
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U
Methylene Chloride	10	4 BJ	2 BJ	5 U	5 U
Styrene	10	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/16/91	09/16/91	09/18/91
DATE EXTRACTED:					
DATE ANALYZED:		09/28/91	09/17/91	09/18/91	09/20/91
PERCENTAGE MOISTURE:					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13	AL-SWS-1D
SAMPLE ID NUMBER:		AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13	AL-SWS-1D
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic Acid	10	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	10 U	10 U	4 BJ	6 BJ	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	10	10 U	1 BJ	8 BJ	7 BJ	10 U	10 U
Dibenz(a,h)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/25/91	09/25/91	09/25/91	09/25/91	09/25/91	09/25/91
DATE EXTRACTED:							

DATE ANALYZED:	09/28/91	10/01/91	09/28/91	09/28/91	09/28/91	09/28/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13	AL-SWS-1D
	SAMPLE ID NUMBER:	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13	AL-SWS-1D
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/25/91	09/25/91	09/25/91	09/25/91	09/25/91	09/25/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/28/91	10/01/91	09/28/91	09/28/91	09/28/91	09/28/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8	AL-SWS-9
SAMPLE ID NUMBER:		AL-SWS-2	AL-SWS-4	910552-01	AL-SWS-7	AL-SWS-8	AL-SWS-9
1,2,4-Trichlorobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10	50 U	50 U	160 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	10	10 U	10 U	33 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	33 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	33 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	50 U	50 U	160 U	50 U	50 U	50 U
2,4-Dinitrotoluene	10	10 U	10 U	33 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	33 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	33 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	33 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	33 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	33 U	10 U	10 U	10 U
2-Nitroaniline	10	50 U	50 U	160 U	50 U	50 U	50 U
2-Nitrophenol	10	10 U	10 U	33 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	20 U	20 U	66 U	20 U	20 U	20 U
3-Nitroaniline	10	50 U	50 U	160 U	50 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	160 U	50 U	50 U	50 U
4-Bromophenyl-Phenylether	10	10 U	10 U	33 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	33 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	33 U	10 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	33 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	33 U	10 U	10 U	10 U
4-Nitroaniline	10	50 U	50 U	160 U	50 U	50 U	50 U
4-Nitrophenol	10	50 U	50 U	R (1)	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	33 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	33 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzo(a)anthracene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzo(a)pyrene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10	10 U	10 U	33 U	10 U	10 U	10 U
Benzoic Acid	10	50 U	50 U	160 U	50 U	50 U	50 U
Benzyl Alcohol	10	10 U	10 U	33 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	10 U	10 U	10 J (1)	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	33 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	33 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	30 J (1)	10 U	10 U	10 U
Di-n-octylphthalate	10	10 U	10 U	33 U	1 BJ	10 U	10 U
Dibenz(a,h)anthracene	10	10 U	10 U	33 U	10 U	10 U	10 U
DILUTION FACTOR:		1.0	1.0	3.3	1.0	1.0	1.0
DATE SAMPLED:		09/25/91	09/25/91	09/27/91	09/25/91	09/25/91	09/25/91
DATE EXTRACTED:							

DATE ANALYZED:	09/28/91	09/28/91	10/02/91	09/28/91	09/29/91	09/29/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8	AL-SWS-9
	SAMPLE ID NUMBER:	AL-SWS-2	AL-SWS-4	910552-01	AL-SWS-7	AL-SWS-8	AL-SWS-9
Dibenzofuran	10	10 U	10 U	33 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	33 U	10 U	10 U	10 U
Dimethylphthalate	10	10 U	10 U	33 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	33 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	33 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	33 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	33 UJ (1)	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	33 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	33 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	33 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	33 U	10 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	33 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	33 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	33 U	10 U	10 U	10 U
Pentachlorophenol	10	50 U	50 U	160 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	33 U	10 U	10 U	10 U
Phenol	10	10 U	10 U	33 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	33 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	33 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	10	10 U	10 U	33 U	10 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	33 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	3.3	1.0	1.0	1.0
	DATE SAMPLED:	09/25/91	09/25/91	09/27/91	09/25/91	09/25/91	09/25/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/28/91	09/28/91	10/02/91	09/28/91	09/29/91	09/29/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL			
SAMPLE LOCATION:		ALW-1	ALW-2	ALW-3
SAMPLE ID NUMBER:		910519-01	910519-02	910526-01
1,2,4-Trichlorobenzene	10	33 U	10 U	10 U
1,2-Dichlorobenzene	10	33 U	10 U	10 U
1,3-Dichlorobenzene	10	33 U	10 U	10 U
1,4-Dichlorobenzene	10	33 U	10 U	10 U
2,4,5-Trichlorophenol	10	160 U	50 U	50 U
2,4,6-Trichlorophenol	10	33 U	10 U	10 U
2,4-Dichlorophenol	10	33 U	10 U	10 U
2,4-Dimethylphenol	10	33 U	10 U	10 U
2,4-Dinitrophenol	10	160 U	50 U	50 U
2,4-Dinitrotoluene	10	33 U	10 U	10 U
2,6-Dinitrotoluene	10	33 U	10 U	10 U
2-Chloronaphthalene	10	33 U	10 U	10 U
2-Chlorophenol	10	33 U	10 U	10 U
2-Methylnaphthalene	10	33 U	10 U	10 U
2-Methylphenol	10	33 U	10 U	10 U
2-Nitroaniline	10	160 U	50 U	50 U
2-Nitrophenol	10	33 U	10 U	10 U
3,3'-Dichlorobenzidine	10	33 U	20 U	20 U
3-Nitroaniline	10	160 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	160 U	50 U	50 U
4-Bromophenyl-Phenylether	10	33 U	10 U	10 U
4-Chloro-3-Methylphenol	10	33 U	10 U	10 U
4-Chloroaniline	10	33 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	33 U	10 U	10 U
4-Methylphenol	10	33 U	10 U	10 U
4-Nitroaniline	10	160 U	50 U	50 U
4-Nitrophenol	10	160 U	50 U	50 U
Acenaphthene	10	33 U	10 U	10 U
Acenaphthylene	10	33 U	10 U	10 U
Anthracene	10	33 U	10 U	10 U
Benzo(a)anthracene	10	33 U	10 U	10 U
Benzo(a)pyrene	10	33 U	10 U	10 U
Benzo(b)fluoranthene	10	33 U	10 U	10 U
Benzo(g,h,i)perylene	10	33 U	10 U	10 U
Benzo(k)fluoranthene	10	33 U	10 U	10 U
Benzoic Acid	10	160 U	50 U	50 U
Benzyl Alcohol	10	33 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	33 U	10 U	10 U
Butylbenzylphthalate	10	33 U	10 U	10 U
Chrysene	10	33 U	10 U	10 U
Di-n-butylphthalate	10	33 U	10 U	10 U
Di-n-octylphthalate	10	33 U	10 U	10 U
Dibenz(a,h)anthracene	10	33 U	10 U	10 U
DILUTION FACTOR:		3.3	1.0	1.0
DATE SAMPLED:		09/16/91	09/16/91	09/18/91
DATE EXTRACTED:				

DATE ANALYZED:	09/20/91	09/20/91	09/28/91
PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

SAMPLE LOCATION:		ALW-1	ALW-2	ALW-3
SAMPLE ID NUMBER:		910519-01	910519-02	910526-01
Dibenzofuran	10	33 U	10 U	10 U
Diethylphthalate	10	33 U	10 U	10 U
Dimethylphthalate	10	33 U	10 U	10 U
Fluoranthene	10	33 U	10 U	10 U
Fluorene	10	33 U	10 U	10 U
Hexachlorobenzene	10	33 U	10 U	10 U
Hexachlorobutadiene	10	33 U	10 U	10 U
Hexachlorocyclopentadiene	10	33 U	10 U	10 U
Hexachloroethane	10	33 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	33 U	10 U	10 U
Isophorone	10	33 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	33 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	33 U	10 U	10 U
Naphthalene	10	33 U	10 U	10 U
Nitrobenzene	10	33 U	10 U	10 U
Pentachlorophenol	10	160 U	50 U	50 U
Phenanthrene	10	33 U	10 U	10 U
Phenol	10	33 U	10 U	10 U
Pyrene	10	33 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	33 U	10 U	10 U
bis(2-Chloroethyl) ether	10	33 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	33 U	10 U	10 U
DILUTION FACTOR:		3.3	1.0	1.0
DATE SAMPLED:		09/16/91	09/16/91	09/18/91
DATE EXTRACTED:				
DATE ANALYZED:		09/20/91	09/20/91	09/28/91
PERCENTAGE MOISTURE:				

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	AL-SWS-1	AL-SWS-10	AL-SWS-11	AL-SWS-12	AL-SWS-13	AL-SWS-1D
	SAMPLE ID NUMBER:						
COMPOUND	CRDL						
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Heptachlor Epoxide	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
delta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-BHC(Lindane)	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/26/91	09/26/91	09/26/91	09/26/91	09/26/91	09/26/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/18/91	10/19/91	10/19/91	10/18/91	10/18/91	10/18/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	AL-SWS-2	AL-SWS-4	* AL-SWS-4B 910552-01	AL-SWS-7	AL-SWS-8	AL-SWS-9
SAMPLE LOCATION:		AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8	AL-SWS-9
SAMPLE ID NUMBER:				910552-01			
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
Heptachlor Epoxide	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
delta-BHC	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
gamma-BHC(Lindane)	0.05	0.050 U	0.050 U	0.05 U	0.050 U	0.050 U	0.050 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/26/91	09/27/91	09/26/91	09/26/91	09/26/91
DATE EXTRACTED:							
DATE ANALYZED:		10/18/91	10/18/91	10/18/91	10/18/91	10/18/91	10/18/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	ALW-1	ALW-2	ALW-3
	SAMPLE ID NUMBER:	910519-01	910519-02	910526-01
COMPOUND	CRDL			
4,4'-DDD	0.05	0.33 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.33 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.33 U	0.10 U	0.10 U
Aldrin	0.05	0.17 U	0.050 U	0.050 U
Aroclor-1016	0.05	1.7 U	0.50 U	0.50 U
Aroclor-1221	0.05	1.7 U	0.50 U	0.50 U
Aroclor-1232	0.05	1.7 U	0.50 U	0.50 U
Aroclor-1242	0.05	1.7 U	0.50 U	0.50 U
Aroclor-1248	0.05	1.7 U	0.50 U	0.50 U
Aroclor-1254	0.05	3.3 U	1.0 U	1.0 U
Aroclor-1260	0.05	3.3 U	1.0 U	1.0 U
Dieldrin	0.05	0.33 U	0.10 U	0.10 U
Endosulfan I	0.05	0.17 U	0.050 U	0.050 U
Endosulfan II	0.05	0.33 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.33 U	0.10 U	0.10 U
Endrin	0.05	0.33 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.33 U	0.10 U	0.10 U
Heptachlor	0.05	0.17 U	0.050 U	0.050 U
Heptachlor Epoxide	0.05	0.17 U	0.050 U	0.050 U
Methoxychlor	0.05	1.7 U	0.50 U	0.50 U
Toxaphene	0.05	3.3 U	1.0 U	1.0 U
alpha-BHC	0.05	0.17 U	0.050 U	0.050 U
alpha-Chlordane	0.05	1.7 U	0.50 U	0.50 U
beta-BHC	0.05	0.17 U	0.050 U	0.050 U
delta-BHC	0.05	0.17 U	0.050 U	0.050 U
gamma-BHC(Lindane)	0.05	0.17 U	0.050 U	0.050 U
gamma-Chlordane	0.05	1.7 U	0.50 U	0.50 U
	DILUTION FACTOR:	3.3	1.0	1.0
	DATE SAMPLED:	09/16/91	09/16/91	09/18/91
	DATE EXTRACTED:			
	DATE ANALYZED:	10/04/91	10/04/91	10/14/91
	PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	AL-SWS-2	AL-SWS-4	* AL-SWS-4B	AL-SWS-7	AL-SWS-8	AL-SWS-9
SAMPLE ID NUMBER:		00546-04S	00546-05S	AL-SWS-4B	00546-06S	00546-07S	00546-08S
Aluminum	200	126.00 B	190.00 B	144 B	259.00	149.00 B	179.00 B
Antimony	200	45.00 U	45.00 U	45.0 U	45.00 U	45.00 U	45.00 U
Arsenic	200	2.0 U	2.0 U	10.0 UL(1)	2.0 U	2.0 U	2.0 U
Barium	200	9.0 B	8.0 B	64.0	188.00 B	17.00 B	35.00 B
Beryllium	200	4.0 B	4.0 B	4.0	4.0 B	4.0 B	4.0 B
Cadmium	200	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Calcium	200	11800.00	15800.00	32100	19500.00	10500.00	10800.00
Chromium	200	7.0 U	7.0 U	7.0	7.0 U	7.0 U	7.0 U
Cobalt	200	10.00 U	10.00 U	10.0 U	10.00 U	10.00 U	10.00 U
Copper	200	11 B	9.0 B	30.0 B	9.0 B	10.00 B	6.0 B
Cyanide	200	NA	NA	10.0 U	NA	NA	NA
Iron	200	167.00	287.00	475	518.00	224.00	307.00
Lead	200	1.0 U	2.0 B	2.9	1.20 B	1.0 U	1.20 B
Magnesium	200	3200.00 B	4070.00 B	13100	5960.00	3120.00 B	3170.00 B
Manganese	200	65.00	63.00	497	67.00	49.00	48.00
Mercury	200	0.20 U	0.20 U	2.0 U	0.20 U	0.20 U	0.20 U
Nickel	200	12.00 U	12.00 U	12.0 U	12.00 B	15.00 B	14.00 B
Potassium	200	2710.00 B	3290.00 B	186000	2140.00 U	2660.00 B	2370.00 B
Selenium	200	4.0 U	4.0 U	R(1)	4.0 U	4.0 U	4.0 U
Silver	200	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U
Sodium	200	4450.00 U	4450.00 U	53400	7500.00	4450.00 U	4450.00 U
Thallium	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	200	4.0 U	4.0 U	4.0 U	4.0 B	4.0 B	4.0 B
Zinc	200	10.00 B	9.0 B	27.0	9.0 B	9.0 B	8.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/25/91	09/25/91	09/27/91	09/25/91	09/25/91	09/25/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE
NA = NOT ANALYZED FOR COMPOUND

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

	SAMPLE LOCATION:	ALW-1	ALW-2	ALW-3
	SAMPLE ID NUMBER:	00519-01S	00519-02S	00526-01S
COMPOUND	CRDL			
Aluminum	200	931	295	876.00
Antimony	200	49.0 B	45.0 U	45.00 U
Arsenic	200	2.0 U	2.0 U	2.50 B
Barium	200	103 B	102 B	271.00
Beryllium	200	4.0 B	4.0 B	3.00 B
Cadmium	200	4.0 U	4.0 U	4.00 B
Calcium	200	15600	10600	24700.00
Chromium	200	7.0 B	7.0 U	7.00 B
Cobalt	200	10.0 U	10.0 U	10.00 U
Copper	200	9.0 B	5.0 B	6.00 B
Cyanide	200	NA	NA	NA
Iron	200	1280	558	11700.00
Lead	200	1.0 B	1.0 B	2.20 B
Magnesium	200	5900	3320 B	9900.00
Manganese	200	19.0	12.0 B	4730.00
Mercury	200	0.20 U	0.20 U	0.20 U
Nickel	200	12.0 U	14.0 B	12.00 U
Potassium	200	2140 U	2140 U	2140.00 U
Selenium	200	4.0 U	4.0 U	20.00 U
Silver	200	6.0 U	6.0 U	6.00 U
Sodium	200	8560	8920	8750.00
Thallium	200	2.0 U	2.0 U	2.00 U
Vanadium	200	4.0 U	4.0 U	5.00 B
Zinc	200	8.0 B	7.0 B	11.00 B
	DILUTION FACTOR:			
	DATE SAMPLED:	09/16/91	09/16/91	09/18/91
	DATE EXTRACTED:			
	DATE ANALYZED:			
	PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE
NA = NOT ANALYZED FOR COMPOUND

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12	* ALSS-2
SAMPLE LOCATION:		* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12	* ALSS-2
SAMPLE ID NUMBER:		910521-01	910521-11	910521-12	910521-13	910521-14	910521-02
1,1,1-Trichloroethane	10	1 B	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 B	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	7 B	4 B	7 B	6 B	20 B
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
DATE EXTRACTED:							
DATE ANALYZED:		09/18/91	09/19/91	09/19/91	09/19/91	09/19/91	09/18/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6	* ALSS-7
SAMPLE LOCATION:		* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6	* ALSS-7
SAMPLE ID NUMBER:		910521-03	910521-04	910521-05	910521-06	910521-07	910521-08
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	2 B	7 B
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	7 B	10 U	6 B	5 B	10 U	130 B
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
DATE EXTRACTED:							
DATE ANALYZED:		09/19/91	09/19/91	09/19/91	09/19/91	09/19/91	09/20/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* ALSS-8	* ALSS-9
SAMPLE LOCATION:		* ALSS-8	* ALSS-9
SAMPLE ID NUMBER:		910521-09	910521-10
1,1,1-Trichloroethane	10	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U
2-Butanone	10	10 U	10 U
2-Hexanone	10	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U
Acetone	10	10 U	19 B
Benzene	10	5 U	5 U
Bromodichloromethane	10	5 U	5 U
Bromoform	10	5 U	5 U
Bromomethane	10	10 U	10 U
Carbon Disulfide	10	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U
Chlorobenzene	10	5 U	5 U
Chloroethane	10	10 U	10 U
Chloroform	10	5 U	5 U
Chloromethane	10	10 U	10 U
Dibromochloromethane	10	5 U	5 U
Ethylbenzene	10	5 U	5 U
Methylene Chloride	10	5 U	5 B
Styrene	10	5 U	5 U
Tetrachloroethene	10	5 U	5 U
Toluene	10	5 U	5 U
Total Xylenes	10	5 U	5 U
Trichloroethene	10	5 U	5 U
Vinyl Acetate	10	10 U	10 U
Vinyl Chloride	10	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U
DILUTION FACTOR:		1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91
DATE EXTRACTED:			
DATE ANALYZED:		09/19/91	09/19/91
PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	AL-SS-13	* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12
	SAMPLE ID NUMBER:	AL-SS-13	910521-01	910521-11	910521-12	910521-13	910521-14
1,2,4-Trichlorobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
1,2-Dichlorobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
1,3-Dichlorobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
1,4-Dichlorobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
2,4,5-Trichlorophenol	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
2,4,6-Trichlorophenol	10	820 U	380 U	430 U	440 U	400 U	430 U
2,4-Dichlorophenol	10	820 U	380 U	430 U	440 U	400 U	430 U
2,4-Dimethylphenol	10	820 U	380 U	430 U	440 U	400 U	430 U
2,4-Dinitrophenol	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
2,4-Dinitrotoluene	10	820 U	380 U	430 U	440 U	400 U	430 U
2,6-Dinitrotoluene	10	820 U	380 U	430 U	440 U	400 U	430 U
2-Chloronaphthalene	10	820 U	380 U	430 U	440 U	400 U	430 U
2-Chlorophenol	10	820 U	380 U	430 U	440 U	400 U	430 U
2-Methylnaphthalene	10	820 U	380 U	430 U	440 U	400 U	430 U
2-Methylphenol	10	820 U	380 U	430 U	440 U	400 U	430 U
2-Nitroaniline	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
2-Nitrophenol	10	820 U	380 U	430 U	440 U	400 U	430 U
3,3'-Dichlorobenzidine	10	1600 U	770 U	870 U	880 U	810 U	860 U
3-Nitroaniline	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
4,6-Dinitro-2-Methylphenol	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
4-Bromophenyl-Phenylether	10	820 U	380 U	430 U	440 U	400 U	430 U
4-Chloro-3-Methylphenol	10	820 U	380 U	430 U	440 U	400 U	430 U
4-Chloroaniline	10	820 U	380 U	430 U	440 U	400 U	430 U
4-Chlorophenyl-Phenylether	10	820 U	380 U	430 U	440 U	400 U	430 U
4-Methylphenol	10	820 U	380 U	430 U	440 U	400 U	430 U
4-Nitroaniline	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
4-Nitrophenol	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
Acenaphthene	10	820 U	45 J (1)	430 U	440 U	41 J (1)	430 U
Acenaphthylene	10	820 U	380 U	430 U	440 U	400 U	430 U
Anthracene	10	820 U	120 J (1)	69 J (1)	45 J (1)	110 J (1)	430 U
Benzo(a)anthracene	10	820 U	440	290 J (1)	220 J (1)	180 J (1)	430 U
Benzo(a)pyrene	10	820 U	840	330 J (1)	290 J (1)	160 J (1)	430 U
Benzo(b)fluoranthene	10	820 U	1200	330 J (1)	280 J (1)	140 J (1)	430 U
Benzo(g,h,i)perylene	10	820 U	430	430 UJ (1)	120 J (1)	75 J (1)	430 U
Benzo(k)fluoranthene	10	820 U	730 J (2)	360 J (2)	280 J (2)	190 J (2)	430 U
Benzoic Acid	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
Benzyl Alcohol	10	820 U	380 U	430 U	440 U	400 U	430 U
Bis(2-ethylhexyl)phthalate	10	820 U	120 J (1)	66 J (1)	440 UJ (1)	400 U	430 U
Butylbenzylphthalate	10	820 U	380 U	430 U	440 U	400 U	430 U
Chrysene	10	820 U	1000	300 J (1)	260 J (1)	200 J (1)	430 U
Di-n-butylphthalate	10	820 U	41 B	73 B	60 B	66 B	73 B
Di-n-octylphthalate	10	820 U	380 U	430 U	440 U	400 U	430 U
Dibenz(a,h)anthracene	10	820 U	73 J (1)	430 U	440 U	400 U	430 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/26/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:						

DATE ANALYZED:	09/29/91	09/21/91	09/30/91	09/24/91	09/21/91	09/22/91
PERCENTAGE MOISTURE:	60					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

	SAMPLE LOCATION:	AL-SS-13	* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12
	SAMPLE ID NUMBER:	AL-SS-13	910521-01	910521-11	910521-12	910521-13	910521-14
Dibenzofuran	10	820 U	120 J (1)	430 U	440 U	400 U	430 U
Diethylphthalate	10	820 U	380 U	430 U	440 U	400 U	430 U
Dimethylphthalate	10	820 U	380 U	430 U	440 U	400 U	430 U
Fluoranthene	10	820 U	2200	690	510	520	430 U
Fluorene	10	820 U	97 J (1)	430 U	440 U	53 J (1)	430 U
Hexachlorobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
Hexachlorobutadiene	10	820 U	380 U	430 U	440 U	400 U	430 U
Hexachlorocyclopentadiene	10	820 U	380 U	430 U	440 U	400 U	430 U
Hexachloroethane	10	820 U	380 U	430 U	440 U	400 U	430 U
Indeno(1,2,3-cd)pyrene	10	820 U	570	140 J (1)	140 J (1)	87 J (1)	430 U
Isophorone	10	820 U	380 U	430 U	440 U	400 U	430 U
N-Nitroso-di-n-propylamine	10	820 U	380 U	430 U	440 U	400 U	430 U
N-nitrosodiphenylamine(1)	10	820 U	380 U	430 U	440 U	400 U	430 U
Naphthalene	10	820 U	380 U	430 U	440 U	400 U	430 U
Nitrobenzene	10	820 U	380 U	430 U	440 U	400 U	430 U
Pentachlorophenol	10	4000 U	1900 U	2100 U	2100 U	2000 U	2100 U
Phenanthrene	10	820 U	1900	350 J (1)	270 J (1)	460	430 U
Phenol	10	820 U	380 U	430 U	440 U	400 U	430 U
Pyrene	10	820 U	1700	510	440	360 J (1)	430 U
bis(2-Chloroethoxy)methane	10	820 U	380 U	430 U	440 U	400 U	430 U
bis(2-Chloroethyl) ether	10	820 U	380 U	430 U	440 U	400 U	430 U
bis(2-Chloroisopropyl) ether	10	820 U	380 U	430 U	440 U	400 U	430 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/26/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/29/91	09/21/91	09/30/91	09/24/91	09/21/91	09/22/91
	PERCENTAGE MOISTURE:	60					

* INDICATES VALIDATED SAMPLE

DATE ANALYZED:	09/29/91	09/21/91	09/30/91	09/24/91	09/21/91	09/22/91
PERCENTAGE MOISTURE:	60					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* ALSS-2	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6
SAMPLE ID NUMBER:		910521-02	910521-03	910521-04	910521-05	910521-06	910521-07
1,2,4-Trichlorobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
1,2-Dichlorobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
1,3-Dichlorobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
1,4-Dichlorobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2,4,5-Trichlorophenol	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
2,4,6-Trichlorophenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2,4-Dichlorophenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2,4-Dimethylphenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2,4-Dinitrophenol	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
2,4-Dinitrotoluene	10	1100	390 U	2500 U	1300 U	360 U	380 U
2,6-Dinitrotoluene	10	79 J (1)	390 U	2500 U	1300 U	360 U	380 U
2-Chloronaphthalene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2-Chlorophenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2-Methylnaphthalene	10	390 U	390 U	2500 UJ (1)	170 J (1)	360 U	380 U
2-Methylphenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
2-Nitroaniline	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
2-Nitrophenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
3,3'-Dichlorobenzidine	10	790 U	790 U	5000 U	2500 U	720 U	760 U
3-Nitroaniline	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
4,6-Dinitro-2-Methylphenol	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
4-Bromophenyl-Phenylether	10	390 U	390 U	2500 U	1300 U	360 U	380 U
4-Chloro-3-Methylphenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
4-Chloroaniline	10	390 U	390 U	2500 U	1300 U	360 U	380 U
4-Chlorophenyl-Phenylether	10	390 U	390 U	2500 U	1300 U	360 U	380 U
4-Methylphenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
4-Nitroaniline	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
4-Nitrophenol	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
Acenaphthene	10	390 U	390 U	2300 J (1)	810 J (1)	360 U	38 J (1)
Acenaphthylene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Anthracene	10	100 J (1)	56 J (1)	6100 J (3)	2300 J (3)	88 J (1)	210 J (1)
Benzo(a)anthracene	10	440	310 J (1)	12000 J (3)	6100 J (3)	340 J (1)	930
Benzo(a)pyrene	10	560	370 J (1)	12000 J (3)	6600 J (3)	370	1000
Benzo(b)fluoranthene	10	710	340 J (1)	15000 J (3)	7900 J (3)	390	1100
Benzo(g,h,i)perylene	10	250 J (1)	170 J (1)	2500 UJ (3)	2300 J (3)	120 J (1)	420
Benzo(k)fluoranthene	10	530 J (2)	350 J (2)	9500 J (2)	6400 J (2)	370 J (2)	1000 J (2)
Benzoic Acid	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
Benzyl Alcohol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Bis(2-ethylhexyl)phthalate	10	320 J (1)	390 U	2600 J (3)	430 J (1)	37 J (1)	90 J (1)
Butylbenzylphthalate	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Chrysene	10	700	370 J (1)	14000 J (3)	7800 J (3)	390	1100
Di-n-butylphthalate	10	61 B	390 U	2500 U	1300 U	360 U	44 B
Di-n-octylphthalate	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Dibenz(a,h)anthracene	10	89 J (1)	390 U	500 J (1)	890 J (1)	43 J (1)	83 J (1)
DILUTION FACTOR:		1.0	1.0	6.1	3.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
DATE EXTRACTED:							

DATE ANALYZED:	09/22/91	09/24/91	09/22/91	09/22/91	09/22/91	09/21/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

	SAMPLE LOCATION:	* ALSS-2	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6
	SAMPLE ID NUMBER:	910521-02	910521-03	910521-04	910521-05	910521-06	910521-07
Dibenzofuran	10	44 J (1)	390 U	1600 J (1)	760 J (1)	360 U	380 U
Diethylphthalate	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Dimethylphthalate	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Fluoranthene	10	1500	740	28000 J (3)	16000 J (3)	850	2100
Fluorene	10	62 J (1)	390 U	3600 J (3)	1500 J (3)	360 U	57 J (1)
Hexachlorobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Hexachlorobutadiene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Hexachlorocyclopentadiene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Hexachloroethane	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Indeno(1,2,3-cd)pyrene	10	350 J (1)	210 J (1)	6300 J (3)	3300 J (3)	170 J (1)	600
Isophorone	10	390 U	390 U	2500 U	1300 U	360 U	380 U
N-Nitroso-di-n-propylamine	10	390 U	390 U	2500 U	1300 U	360 U	380 U
N-nitrosodiphenylamine(1)	10	620	390 U	2500 U	1300 U	360 U	380 U
Naphthalene	10	390 U	390 U	2500 UJ (1)	250 J (1)	360 U	380 U
Nitrobenzene	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Pentachlorophenol	10	1900 U	1900 U	12000 U	6100 U	1700 U	1800 U
Phenanthrene	10	1000	320 J (1)	27000 J (3)	13000 J (3)	470	1000
Phenol	10	390 U	390 U	2500 U	1300 U	360 U	380 U
Pyrene	10	1100	590	24000 J (3)	12000 J (3)	640	1700
bis(2-Chloroethoxy)methane	10	390 U	390 U	2500 U	1300 U	360 U	380 U
bis(2-Chloroethyl) ether	10	390 U	390 U	2500 U	1300 U	360 U	380 U
bis(2-Chloroisopropyl) ether	10	390 U	390 U	2500 U	1300 U	360 U	380 U
	DILUTION FACTOR:	1.0	1.0	6.1	3.0	1.0	1.0
	DATE SAMPLED:	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/22/91	09/24/91	09/22/91	09/22/91	09/22/91	09/21/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* ALSS-7	* ALSS-8	* ALSS-9
SAMPLE LOCATION:		* ALSS-7	* ALSS-8	* ALSS-9
SAMPLE ID NUMBER:		910521-08	910521-09	910521-10
1,2,4-Trichlorobenzene	10	480 U	500 U	410 U
1,2-Dichlorobenzene	10	480 U	500 U	410 U
1,3-Dichlorobenzene	10	480 U	500 U	410 U
1,4-Dichlorobenzene	10	480 U	500 U	410 U
2,4,5-Trichlorophenol	10	2300 U	2400 U	2000 U
2,4,6-Trichlorophenol	10	480 U	500 U	410 U
2,4-Dichlorophenol	10	480 U	500 U	410 U
2,4-Dimethylphenol	10	480 U	500 U	410 U
2,4-Dinitrophenol	10	2300 U	2400 U	2000 U
2,4-Dinitrotoluene	10	480 U	500 U	410 U
2,6-Dinitrotoluene	10	480 U	500 U	410 U
2-Chloronaphthalene	10	480 U	500 U	410 U
2-Chlorophenol	10	480 U	500 U	410 U
2-Methylnaphthalene	10	480 U	500 U	410 U
2-Methylphenol	10	480 U	500 U	410 U
2-Nitroaniline	10	2300 U	2400 U	2000 U
2-Nitrophenol	10	480 U	500 U	410 U
3,3'-Dichlorobenzidine	10	960 U	1000 U	820 U
3-Nitroaniline	10	2300 U	2400 U	2000 U
4,6-Dinitro-2-Methylphenol	10	2300 U	2400 U	2000 U
4-Bromophenyl-Phenylether	10	480 U	500 U	410 U
4-Chloro-3-Methylphenol	10	480 U	500 U	410 U
4-Chloroaniline	10	480 U	500 U	410 U
4-Chlorophenyl-Phenylether	10	480 U	500 U	410 U
4-Methylphenol	10	480 U	500 U	410 U
4-Nitroaniline	10	2300 U	2400 U	2000 U
4-Nitrophenol	10	2300 U	2400 U	2000 U
Acenaphthene	10	480 U	500 U	410 U
Acenaphthylene	10	170 J (1)	500 U	410 U
Anthracene	10	470 J (1)	90 J (1)	110 J (1)
Benzo(a)anthracene	10	1400	380 J (1)	540
Benzo(a)pyrene	10	1600	610	760
Benzo(b)fluoranthene	10	1500	800	860
Benzo(g,h,i)perylene	10	560	260 J (1)	320 J (1)
Benzo(k)fluoranthene	10	1500 J (2)	760 J (2)	650 J (2)
Benzoic Acid	10	2300 U	2400 U	2000 U
Benzyl Alcohol	10	480 U	500 U	410 U
Bis(2-ethylhexyl)phthalate	10	480 U	280 J (1)	280 J (1)
Butylbenzylphthalate	10	480 U	500 U	53 J (1)
Chrysene	10	1500	660	700
Di-n-butylphthalate	10	480 U	86 B	69 B
Di-n-octylphthalate	10	480 U	500 U	410 U
Dibenz(a,h)anthracene	10	160 J (1)	56 J (1)	100 J (1)
DILUTION FACTOR:		1.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91
DATE EXTRACTED:				

DATE ANALYZED:	09/21/91	09/21/91	09/24/91
PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
mg/kg

	SAMPLE LOCATION:	* ALSS-7	* ALSS-8	* ALSS-9
	SAMPLE ID NUMBER:	910521-08	910521-09	910521-10
Dibenzofuran	10	480 U	500 U	410 U
Diethylphthalate	10	480 U	500 U	410 U
Dimethylphthalate	10	480 U	500 U	410 U
Fluoranthene	10	3300	1400	1200
Fluorene	10	77 J (1)	500 U	49 J (1)
Hexachlorobenzene	10	480 U	500 U	410 U
Hexachlorobutadiene	10	480 U	500 U	410 U
Hexachlorocyclopentadiene	10	480 U	500 U	410 U
Hexachloroethane	10	480 U	500 U	410 U
Indeno(1,2,3-cd)pyrene	10	750	350 J (1)	420
Isophorone	10	480 U	500 U	410 U
N-Nitroso-di-n-propylamine	10	480 U	500 U	410 U
N-nitrosodiphenylamine(1)	10	480 U	500 U	410 U
Naphthalene	10	480 U	500 U	410 U
Nitrobenzene	10	480 U	500 U	410 U
Pentachlorophenol	10	2300 U	2400 U	2000 U
Phenanthrene	10	1800	880	680
Phenol	10	480 U	500 U	410 U
Pyrene	10	2800	1100	1100
bis(2-Chloroethoxy)methane	10	480 U	500 U	410 U
bis(2-Chloroethyl) ether	10	480 U	500 U	410 U
bis(2-Chloroisopropyl) ether	10	480 U	500 U	410 U
	DILUTION FACTOR:	1.0	1.0	1.0
	DATE SAMPLED:	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:			
	DATE ANALYZED:	09/21/91	09/21/91	09/24/91
	PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		AL-SS-13	* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12
SAMPLE ID NUMBER:		AL-SS-13	910521-01	910521-11	910521-12	910521-13	910521-14
4,4'-DDD	0.05	40 U	18 U	21 U	21 U	20 U	20 U
4,4'-DDE	0.05	40 U	18 U	21 U	21 U	20 U	20 U
4,4'-DDT	0.05	40 U	18 U	21 U	21 U	20 U	20 U
Aldrin	0.05	20 U	19	10 U	11 U	9.8 U	10 U
Aroclor-1016	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Aroclor-1221	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Aroclor-1232	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Aroclor-1242	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Aroclor-1248	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Aroclor-1254	0.05	400 U	180 U	210 U	210 U	200 U	200 U
Aroclor-1260	0.05	400 U	180 U	210 U	210 U	200 U	200 U
Dieldrin	0.05	40 U	110	21 U	21 U	20 U	20 U
Endosulfan I	0.05	20 U	12	10 U	11 U	9.8 U	10 U
Endosulfan II	0.05	40 U	18 U	21 U	21 U	20 U	20 U
Endosulfan Sulfate	0.05	40 U	18 U	21 U	21 U	20 U	20 U
Endrin	0.05	40 U	18 U	21 U	21 U	20 U	20 U
Endrin Ketone	0.05	40 U	18 U	21 U	21 U	20 U	20 U
Heptachlor	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
Heptachlor Epoxide	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
Methoxychlor	0.05	200 U	92 U	100 U	110 U	98 U	100 U
Toxaphene	0.05	400 U	180 U	210 U	210 U	200 U	200 U
alpha-BHC	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
alpha-Chlordane	0.05	200 U	92 U	100 U	110 U	98 U	100 U
beta-BHC	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
delta-BHC	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
gamma-BHC(Lindane)	0.05	20 U	9.2 U	10 U	11 U	9.8 U	10 U
gamma-Chlordane	0.05	200 U	92 U	100 U	110 U	98 U	100 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
DATE EXTRACTED:							
DATE ANALYZED:		10/18/91	10/14/91	10/15/91	10/15/91	10/15/91	10/15/91
PERCENTAGE MOISTURE:		60					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* ALSS-2	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6
SAMPLE LOCATION:		* ALSS-2	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6
SAMPLE ID NUMBER:		910521-02	910521-03	910521-04	910521-05	910521-06	910521-07
4,4'-DDD	0.05	19 U	19 U	98 U	120 U	17 U	18 U
4,4'-DDE	0.05	19 U	19 U	98 U	120 U	17 U	18 U
4,4'-DDT	0.05	19 U	19 U	98 U	120 U	17 U	18 U
Aldrin	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
Aroclor-1016	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Aroclor-1221	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Aroclor-1232	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Aroclor-1242	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Aroclor-1248	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Aroclor-1254	0.05	190 U	190 U	980 U	1200 U	170 U	180 U
Aroclor-1260	0.05	190 U	190 U	980 U	1200 U	170 U	180 U
Dieldrin	0.05	19 U	160	98 U	120 U	490	250
Endosulfan I	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
Endosulfan II	0.05	19 U	19 U	98 U	120 U	17 U	18 U
Endosulfan Sulfate	0.05	19 U	19 U	98 U	120 U	17 U	18 U
Endrin	0.05	19 U	19 U	98 U	120 U	17 U	18 U
Endrin Ketone	0.05	19 U	19 U	98 U	120 U	17 U	18 U
Heptachlor	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
Heptachlor Epoxide	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
Methoxychlor	0.05	95 U	94 U	490 U	600 U	87 U	91 U
Toxaphene	0.05	190 U	190 U	980 U	1200 U	170 U	180 U
alpha-BHC	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
alpha-Chlordane	0.05	95 U	94 U	490 U	600 U	87 U	91 U
beta-BHC	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
delta-BHC	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
gamma-BHC(Lindane)	0.05	9.5 U	9.4 U	49 U	60 U	8.7 U	9.1 U
gamma-Chlordane	0.05	95 U	94 U	490 U	600 U	87 U	91 U
DILUTION FACTOR:		1.0	1.0	5.0	6.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
DATE EXTRACTED:							
DATE ANALYZED:		10/15/91	10/15/91	10/15/91	10/15/91	10/15/91	10/15/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* ALSS-7	* ALSS-8	* ALSS-9
SAMPLE LOCATION:		* ALSS-7	* ALSS-8	* ALSS-9
SAMPLE ID NUMBER:		910521-08	910521-09	910521-10
4,4'-DDD	0.05	23 U	24 U	20 U
4,4'-DDE	0.05	23 U	24 U	20 U
4,4'-DDT	0.05	23 U	24 U	20 U
Aldrin	0.05	11 U	12 U	9.8 U
Aroclor-1016	0.05	110 U	120 U	98 U
Aroclor-1221	0.05	110 U	120 U	98 U
Aroclor-1232	0.05	110 U	120 U	98 U
Aroclor-1242	0.05	110 U	120 U	98 U
Aroclor-1248	0.05	110 U	120 U	98 U
Aroclor-1254	0.05	230 U	240 U	200 U
Aroclor-1260	0.05	230 U	240 U	200 U
Dieldrin	0.05	23 U	130	20 U
Endosulfan I	0.05	11 U	12 U	9.8 U
Endosulfan II	0.05	23 U	24 U	20 U
Endosulfan Sulfate	0.05	23 U	24 U	20 U
Endrin	0.05	23 U	24 U	20 U
Endrin Ketone	0.05	23 U	24 U	20 U
Heptachlor	0.05	11 U	12 U	9.8 U
Heptachlor Epoxide	0.05	11 U	12 U	9.8 U
Methoxychlor	0.05	110 U	120 U	98 U
Toxaphene	0.05	230 U	240 U	200 U
alpha-BHC	0.05	11 U	12 U	9.8 U
alpha-Chlordane	0.05	110 U	120 U	98 U
beta-BHC	0.05	11 U	12 U	9.8 U
delta-BHC	0.05	11 U	12 U	9.8 U
gamma-BHC(Lindane)	0.05	11 U	12 U	9.8 U
gamma-Chlordane	0.05	110 U	120 U	98 U
DILUTION FACTOR:		1.0	1.0	1.0
DATE SAMPLED:		09/17/91	09/17/91	09/17/91
DATE EXTRACTED:				
DATE ANALYZED:		10/15/91	10/15/91	10/15/91
PERCENTAGE MOISTURE:				

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	AL-SS-13	* ALSS-1	* ALSS-10	* ALSS-10D	* ALSS-11	* ALSS-12
	SAMPLE ID NUMBER:	00546-01S	ALSS-1	ALSS-10	ALSS-10D	ALSS-11	ALSS-12
Aluminum	40	19400.00	4330	5890	5300	4710	4350
Antimony	40	13.30 U	8.9 UL(1)	10.9 UL(1)	10.8 UL(1)	10.5 UL(1)	10.7 UL(1)
Arsenic	40	4.20	2.8 J(4)	3.1 J(4)	2.0 J(4)	3.2 J(4)	3.8 J(4)
Barium	40	93.80	64.4	128	72.8	90.5	57.2
Beryllium	40	1.20 B	0.59 B	0.97 B	0.96 B	0.93 B	0.95 B
Cadmium	40	2.40	0.79 U	0.97 U	0.96 U	0.93 U	0.95 U
Calcium	40	1270.00 B	1350	2350	2080	1490	1190
Chromium	40	24.20	11.3	20.1	15.3	12.1	11.9
Cobalt	40	7.40 B	6.3	6.1	6.0	7.0	5.2
Copper	40	15.60	9.5	11.9	14.9	7.2 B	6.9 B
Cyanide	200	NA	NA	NA	NA	NA	NA
Iron	40	19900.00	9860 J(1)	17300 J(1)	16700 J(1)	12500 J(1)	13200 J(1)
Lead	40	52.30	63.6 J(1,2	44.5 J(1,2	44.0 J(1,2	6.6 J(1,2)	9.3 J(1,2)
Magnesium	40	1980.00	1130	2590	2120	1340	1070
Manganese	40	136.00	513 J(1)	604 J(1)	415 J(1)	1010 J(1)	342 J(1)
Mercury	40	0.14 U	0.10 U	0.11 U	0.11 U	0.11 U	0.11 U
Nickel	40	15.90	8.1	12.4	9.3	9.6	7.4
Potassium	40	951.00 B	423 U	1020	854	499 U	508 U
Selenium	40	1.10 U	0.91 U	0.96 U	10 U	0.95 U	1.0 U
Silver	40	1.80 U	1.2 U	1.5 U	1.4 U	1.4 U	1.4 U
Sodium	40	1310.00 U	879 U	1080 U	1070 U	1040 U	1060 U
Thallium	40	0.57 U	0.45 UJ(1)	0.48 UJ(1)	0.50 UJ(1)	0.47 UJ(1)	0.50 UJ(1)
Vanadium	40	38.60	17.0	24.2	20.8	18.7	15.4
Zinc	40	53.70	47.4 J(1)	57.0 J(1)	60.4 J(1)	45.5 J(1)	41.1 J(1)
	DILUTION FACTOR:						
	DATE SAMPLED:	09/25/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE
NA = NOT ANALYZED FOR COMPOUND

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* ALSS-2	* ALSS-3	* ALSS-4	* ALSS-4D	* ALSS-5	* ALSS-6
	SAMPLE ID NUMBER:	ALSS-2	ALSS-3	ALSS-4	ALSS-4D	ALSS-5	ALSS-6
Aluminum	40	4370	12100	9740	8750	10800	14700
Antimony	40	9.9 UL(1)	11.5 L(1)	11.1 UL(1)	10.3 UL(1)	8.0 UL(1)	10.0 UL(1)
Arsenic	40	2.4 J(4)	3.5 J(4)	3.0 J(4)	2.1 J(4)	2.6 J(4)	3.3 J(4)
Barium	40	55.2	87.7	704 K(1)	255 K(1)	72.0	92.7
Beryllium	40	0.66 B	0.98 B	7.7 K(1)	10.5 K(1)	0.71 B	1.1 B
Cadmium	40	0.88 U	0.98 U	1.7 L(2)	1.6 L(2)	0.71 U	0.89 U
Calcium	40	749	2780	22300	49500	2290	3170
Chromium	40	17.2	20.8	98.8	145	20.3	24.1
Cobalt	40	9.5	7.3	58.7	98.1	7.3	6.0
Copper	40	11.5	14.9	825 K(1)	980 K(1)	25.2	16.7
Cyanide	200	NA	NA	NA	NA	NA	NA
Iron	40	11700 J(1)	19000 J(1)	52800 J(1)	43400 J(1)	17200 J(1	18100 J(1)
Lead	40	75.3 J(1,2	23.1 J(1,2	306 J(1,2)	687 J(1,2)	25.4 J(1,	141 J(1,2)
Magnesium	40	744	1970	11000	27400	1640	1940
Manganese	40	143 J(1)	394 J(1)	1240 J(1,3	733 J(1,3)	448 J(1)	125 J(1)
Mercury	40	0.11 U	0.12 U	0.12 U	0.10 U	0.09 U	0.12
Nickel	40	9.5	12.9	274 K(1)	379 K(1)	10.8	13.8
Potassium	40	472 U	828	1260	1190	943	940
Selenium	40	0.88 U	0.77 U	0.93 U	2.1 J(4,5)	0.78 U	0.89 U
Silver	40	1.3 U	1.5 U	1.5 U	1.4 U	1.1 U	1.3 U
Sodium	40	982 U	1090 U	1890 K(1)	1880 K(1)	791 U	992 U
Thallium	40	0.44 UJ (1	0.38 UJ(1)	0.46 UJ(1)	0.39 UJ(1,	0.39 UJ(1	0.45 J(4)
Vanadium	40	17.2	29.1	20.8 K(1)	19.8 K(1)	27.0	31.6
Zinc	40	88.3 J(1)	51.5 J(1)	3390 J(1)	4390 J(1)	37.0 J(1)	129 J(1)
	DILUTION FACTOR:						
	DATE SAMPLED:	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91	09/17/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE
NA = NOT ANALYZED FOR COMPOUND

NAS WILLOW GROVE
ANTENNA FIELD LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL			
SAMPLE LOCATION:		* ALSS-7	* ALSS-8	* ALSS-9
SAMPLE ID NUMBER:		ALSS-7	ALSS-8	ALSS-9
Aluminum	40	4740	6060	4980
Antimony	40	13.6 UL(1)	13.1 UL(1)	10.4 UL(1)
Arsenic	40	1.7 J(4)	4.4 J(4)	6.1 J(4)
Barium	40	154	238	105 K(1)
Beryllium	40	0.91 B	0.87 B	0.92 B
Cadmium	40	1.2 U	1.2 U	2.3 L(2)
Calcium	40	1490	1880	3960
Chromium	40	10.9 B	17.2	26.6
Cobalt	40	3.6	10.8	8.8
Copper	40	8.5 B	13.7	61.7 K(1)
Cyanide	200	NA	NA	NA
Iron	40	7670 J(1)	15900 J(1)	75600 J(1)
Lead	40	60.2 J(1,2	107 J(1,2)	205 J(1,2)
Magnesium	40	618	1390	3110
Manganese	40	185 J(1)	2120 J(1)	629 J(1,3)
Mercury	40	0.16 U	0.13 U	0.12 U
Nickel	40	5.7	9.3	30.5 K(1)
Potassium	40	647 U	650	1030
Selenium	40	1.3 U	1.1 U	0.80 U
Silver	40	1.8 U	1.7 U	1.4 U
Sodium	40	1350 U	1290 U	1620 K(1)
Thallium	40	0.65 UJ(1)	0.53 UJ(1)	0.40 UJ(1)
Vanadium	40	11.8	20.4	21.0 K(1)
Zinc	40	48.1 J(1)	91.9 J(1)	128 J(1)
DILUTION FACTOR:				
DATE SAMPLED:		09/17/91	09/17/91	09/17/91
DATE EXTRACTED:				
DATE ANALYZED:				
PERCENTAGE MOISTURE:				

* INDICATES VALIDATED SAMPLE
NA = NOT ANALYZED FOR COMPOUND

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	FTAW-1	* FTAW-1B	FTAW-2	FTAW-3	FTAW-4	* FTAW-5
SAMPLE ID NUMBER:		910526-02	910531-01	910526-03	910526-04	910526-05	910531-02
1,1,1-Trichloroethane	10	500 U	260	5 U	1 J	3 J	5 U
1,1,2,2-Tetrachloroethane	10	250 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	250 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	420	84	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	840	120 J (1)	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	250 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	180 J	11 J (2)	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	250 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	250 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	500 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	250 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	500 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	250 U	16 J (1)	5 U	5 U	5 U	5 U
Bromodichloromethane	10	500 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	250 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	500 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	250 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	2800	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	250 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	500 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	250 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	500 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	590	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	250 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	250 U	6 B	8	4 J	5 U	5 U
Styrene	10	250 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	500 U	8	2 J	5 U	5 U	5 U
Toluene	10	250 U	3 B	5 U	5 U	5 U	5 U
Total Xylenes	10	250 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	250 U	69 J (1)	5 U	5 U	5 U	5 U
Vinyl Acetate	10	250 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	500 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	250 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	250 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		50.0	2.5	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/18/91	09/20/91	09/18/91	09/18/91	09/18/91	09/20/91
DATE EXTRACTED:							
DATE ANALYZED:		09/23/91	09/22/91	09/20/91	09/20/91	09/20/91	09/22/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	* FTAW-5D	* FTAW-6	* FTAW-6B	* FTAW-7	* FTAW-7B
SAMPLE ID NUMBER:		91531-03	910531-04	910531-05	910531-06	910531-07
1,1,1-Trichloroethane	10	5 U	5 U	5 U	2 J (2)	6
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	1 J (2)	2 J (2)
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	4 J (2)
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	3 B	5 U	5 U	5 U	3 B
Styrene	10	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	1 B	1 B	2 B
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	2 J (2)
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/20/91	09/20/91	09/20/91	09/20/91	09/20/91
DATE EXTRACTED:						
DATE ANALYZED:		09/22/91	09/21/91	09/21/91	09/22/91	09/21/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	FTAB-10-0204	FTAB-10-0204D	FTAB-10-0406	FTAB-10-0816	FTAB-10-1012	FTAB-10-1618
SAMPLE LOCATION:		FTAB-10-0204	FTAB-10-0204D	FTAB-10-0406	FTAB-10-0816	FTAB-10-1012	FTAB-10-1618
SAMPLE ID NUMBER:							
1,1,1-Trichloroethane	10	6 U	6 U	31 U	7 BJ	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	31 U	29 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	31 U	29 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	31 U	29 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	31 U	29 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	31 U	29 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	31 U	29 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	31 U	29 U	6 U	6 U
2-Butanone	10	13 U	13 U	62 U	57 U	12 U	11 U
2-Hexanone	10	13 U	13 U	62 U	57 U	12 U	11 U
4-Methyl-2-pentanone	10	13 U	13 U	62 U	57 U	12 U	11 U
Acetone	10	17 B	4 BJ	200	690	250 BE	11 U
Benzene	10	6 U	6 U	31 U	29 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	31 U	29 U	6 U	6 U
Bromoform	10	6 U	6 U	31 U	29 U	6 U	6 U
Bromomethane	10	13 U	13 U	62 U	57 U	12 U	11 U
Carbon Disulfide	10	6 U	6 U	31 U	29 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	31 U	29 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	31 U	29 U	6 U	6 U
Chloroethane	10	13 U	13 U	62 U	57 U	12 U	11 U
Chloroform	10	6 U	6 U	31 U	29 U	6 U	6 U
Chloromethane	10	13 U	13 U	62 U	57 U	12 U	11 U
Dibromochloromethane	10	6 U	6 U	31 U	29 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	31 U	29 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	31 U	29 U	6 U	6 U
Styrene	10	6 U	6 U	31 U	29 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	31 U	29 U	6 U	6 U
Toluene	10	6 U	6 U	31 U	29 U	6 U	6 U
Total Xylenes	10	6 U	6 U	31 U	29 U	6 U	6 U
Trichloroethene	10	6 U	6 U	31 U	29 U	6 U	6 U
Vinyl Acetate	10	13 U	13 U	62 U	57 U	12 U	11 U
Vinyl Chloride	10	13 U	13 U	62 U	57 U	12 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	31 U	29 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	31 U	29 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	5.0	5.0	1.0	1.0
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:		09/11/91	09/11/91	09/12/91	09/17/91	09/11/91	09/11/91
PERCENTAGE MOISTURE:		21	21	20	13	18	12

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	FTAB-11-0002	FTAB-11-0406	FTAB-11-0406D	FTAB-11-0608	FTAB-11-1012	FTAB-11-1416
SAMPLE LOCATION:		FTAB-11-0002	FTAB-11-0406	FTAB-11-0406D	FTAB-11-0608	FTAB-11-1012	FTAB-11-1416
SAMPLE ID NUMBER:							
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	12 U	12 U	12 U	12 U	11 U
2-Hexanone	10	11 U	12 U	12 U	12 U	12 U	11 U
4-Methyl-2-pentanone	10	11 U	12 U	12 U	12 U	12 U	11 U
Acetone	10	11 U	5 J	6 J	5 J	5 BJ	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	12 U	12 U	12 U	12 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	12 U	12 U	12 U	12 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	12 U	12 U	12 U	12 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	12 U	12 U	12 U	12 U	11 U
Vinyl Chloride	10	11 U	12 U	12 U	12 U	12 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/11/91	09/11/91	09/11/91	09/11/91	09/11/91	09/11/91
PERCENTAGE MOISTURE:		10	14	15	17	18	11

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	FTAB-12-0002	FTAB-12-0406	FTAB-12-0810	FTAB-12-1214	FTAB-12-1618	* FTAB-13-0204
SAMPLE ID NUMBER:							910498-01
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	2B
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	13 U	12 U	12 U	12 U	11U
2-Hexanone	10	11 U	13 U	12 U	12 U	12 U	11 U
4-Methyl-2-pentanone	10	11 U	13 U	12 U	12 U	12 U	2 J(1)
Acetone	10	11 U	3 J	12 U	4 J	5 BJ	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	13 U	12 U	12 U	12 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	13 U	12 U	12 U	12 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6U
Chloromethane	10	11 U	13 U	12 U	12 U	12 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	6 U	3 J	6 U	6 U	3 BJ	9B
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	5 J(1)
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	13 U	12 U	12 U	12 U	11 U
Vinyl Chloride	10	11 U	13 U	12 U	12 U	12 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/12/91	09/12/91	09/11/91	09/12/91	09/13/91	09/06/91
PERCENTAGE MOISTURE:		11	21	15	15	15	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-13-0406 910498-03	* FTAB-13-0608 910498-04	* FTAB-13-1012 910498-05	* FTAB-13-1214 910498-06	* FTAB-14-0406 910498-07	* FTAB-14-0608 910498-08
1,1,1-Trichloroethane	10	6 U	6 U	6 U	1 B	6 U	1 B
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	3 B	2 B	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	12U	12 U	11 U	12 U	12 U	12 U
2-Hexanone	10	12 U	12 U	11 U	12 U	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U	11 U	12 U	12 U	12 U
Acetone	10	15 B	12 U	11 U	12 B	20 B	8 B
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	11 U	12 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	11 U	12 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	11 U	6 J(1)	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	3 B	6 U	4 B	3 B	6 U	4 B
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	11 U	12 U	12 U	12 U
Vinyl Chloride	10	12 U	12 U	11 U	12 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/07/91	09/07/91	09/07/91	09/07/91	09/07/91	09/07/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-14-0810	* FTAB-14-1012	* FTAB-14-1209	* FTAB-14-1209D	* FTAB-15-0002	* FTAB-15-0406
SAMPLE ID NUMBER:		910498-09	910498-10	910498-11	910498-12	910498-13	910498-14
1,1,1-Trichloroethane	10	6 U	6 U	1 B	6 U	5 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	10	9 J(1)	11 U	12 U	11 U	10 U	12 U
2-Hexanone	10	11 U	11 U	12 U	11 U	10 U	12 U
4-Methyl-2-pentanone	10	11 U	11 U	12 U	11 U	10 U	12 U
Acetone	10	52 B	5 B	12 U	7 B	10 U	52 B
Benzene	10	6 U	6 U	6 U	6 U	5 U	1 J (1)
Bromodichloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromomethane	10	11 U	11 U	12 U	11 U	10 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	5 U	2 J (1)
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	5 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloroethane	10	11 U	11 U	12 U	11 U	10 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloromethane	10	11 U	11 U	12 U	11 U	10 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Methylene Chloride	10	3 B	2 B	3 B	2 B	2 B	5 B
Styrene	10	6 U	6 U	6 U	6 U	5 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	1 J (1)	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	5 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	10	11 U	11 U	12 U	11 U	10 U	12 U
Vinyl Chloride	10	11 U	11 U	12 U	11 U	10 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/07/91	09/07/91	09/07/91	09/07/91	09/08/91	09/07/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-15-0406D	* FTAB-15-0810	* FTAB-15-1214	* FTAB-15-1618	* FTAB-16-0406	* FTAB-16-0608
SAMPLE ID NUMBER:		910498-15	910498-16	910498-17	910498-18	910498-19	910498-20
1,1,1-Trichloroethane	10	6 U	6 U	7 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	7 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	7 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	7 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	7 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	7 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	7 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	7 U	6 U	6 U	6 U
2-Butanone	10	12 U	12 U	13 U	11 U	13 U	11 U
2-Hexanone	10	12 U	12 U	13 U	11 U	13 U	11 U
4-Methyl-2-pentanone	10	12 U	12 U	13 U	11 U	13 U	11 U
Acetone	10	49 B	6 B	13 U	6 B	93 B	11 U
Benzene	10	6 U	6 U	7 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	7 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	7 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	13 U	11 U	13 U	11 U
Carbon Disulfide	10	1 J (1)	6 U	7 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	7 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	7 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	13 U	11 U	13 U	11 U
Chloroform	10	6 U	6 U	7 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	13 U	11 U	13 U	11 U
Dibromochloromethane	10	6 U	6 U	7 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	7 U	6 U	6 U	6 U
Methylene Chloride	10	4 B	1 B	7 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	7 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	7 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	7 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	7 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	7 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	13 U	11 U	13 U	11 U
Vinyl Chloride	10	12 U	12 U	13 U	11 U	13 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	7 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	7 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/07/91	09/08/91	09/08/91	09/08/91	09/08/91	09/08/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-16-1012	* FTAB-16-1214	* FTAB-16-1416	* FTAB-5-0002	* FTAB-5-0204	* FTAB-5-0406
SAMPLE ID NUMBER:		910498-21	910498-22	910498-23	910502-01	910502-02	910502-03
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	11 U	11 U	11 U	12 U	12 U
2-Hexanone	10	11 U	11 U	11 U	11 U	12 U	12 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	11 U	12 U	12 U
Acetone	10	11 U	8 B	15 B	5 B	6 B	5 B
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	11 U	11 U	11 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	11 U	11 U	11 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	11 U	11 U	11 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	1 B	2 B	6 U	6 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	11 U	11 U	11 U	12 U	12 U
Vinyl Chloride	10	11 U	11 U	11 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:		09/08/91	09/08/91	09/08/91	09/08/91	09/08/91	09/08/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-5-0406D	* FTAB-5-0608	* FTAB-5-1012	* FTAB-6-0002	* FTAB-6-0204	* FTAB-6-0406
SAMPLE ID NUMBER:		910502-04	910502-05	910502-06	910502-07	910502-08	910502-09
1,1,1-Trichloroethane	10	6 U	6 U	1 B	5 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	5 U	5 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	5 U	5 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	5 U	5 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	5 U	5 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	5 U	5 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	5 U	5 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	5 U	5 U	6 U	6 U
2-Butanone	10	12 U	13 U	11 U	11 U	11 U	11 U
2-Hexanone	10	12 U	1 J (1)	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	12 U	13 U	11 U	11 U	11 U	11 U
Acetone	10	9 B	6 B	4 B	8 B	6 B	5 B
Benzene	10	6 U	6 U	5 U	5 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	5 U	5 U	6 U	6 U
Bromoform	10	6 U	6 U	5 U	5 U	6 U	6 U
Bromomethane	10	12 U	13 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	5 U	5 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	5 U	5 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	5 U	5 U	6 U	6 U
Chloroethane	10	12 U	13 U	11 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	5 U	5 U	6 U	6 U
Chloromethane	10	12 U	13 U	11 U	11 U	11 U	3 J (1)
Dibromochloromethane	10	6 U	6 U	5 U	5 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	5 U	5 U	6 U	6 U
Methylene Chloride	10	4 B	4 B	5 UJ (1)	5 U	6 U	6 UJ (1)
Styrene	10	6 U	6 U	5 U	5 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	5 U	5 U	6 U	6 U
Toluene	10	6 U	6 U	5 U	5 U	6 U	6 U
Total Xylenes	10	6 U	6 U	5 U	5 U	6 U	6 U
Trichloroethene	10	6 U	6 U	5 U	5 U	6 U	6 U
Vinyl Acetate	10	12 U	13 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	12 U	13 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	5 U	5 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	5 U	5 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:		09/09/91	09/09/91	09/09/91	09/11/91	09/11/91	09/09/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-6-0608 910502-10	* FTAB-6-1012 910502-11	* FTAB-7-0002 910502-12	* FTAB-7-0204 910502-13	* FTAB-7-0406 910502-14	* FTAB-7-0608 910502-15
1,1,1-Trichloroethane	10	5 U	5 U	5 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	6 U	6 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	6 U	6 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	6 U	6 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	6 U	6 U	5 U
2-Butanone	10	11 U	11 U	10 U	12 U	11 U	11 U
2-Hexanone	10	11 U	11 U	10 U	12 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	10 U	12 U	11 U	11 U
Acetone	10	4 B	5 B	3 B	3 B	4 B	11 U
Benzene	10	5 U	5 U	5 U	6 U	6 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	6 U	6 U	5 U
Bromoform	10	5 U	5 U	5 U	6 U	6 U	5 U
Bromomethane	10	11 U	11 U	10 U	12 U	11 U	11 U
Carbon Disulfide	10	5 U	5 U	5 U	6 U	6 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	6 U	6 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	6 U	6 U	5 U
Chloroethane	10	11 U	11 U	10 U	12 U	11 U	11 U
Chloroform	10	5 U	5 U	5 U	6 U	6 U	5 U
Chloromethane	10	11 U	11 U	10 U	12 U	11 U	11 U
Dibromochloromethane	10	5 U	5 U	5 U	6 U	6 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	6 U	6 U	5 U
Methylene Chloride	10	5 UJ (1)	5 UJ (1)	2 B	3 B	6 U	2 B
Styrene	10	5 U	5 U	5 U	6 U	6 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	6 U	6 U	5 U
Toluene	10	5 U	5 U	5 U	6 U	6 U	5 U
Total Xylenes	10	5 U	5 U	5 U	6 U	6 U	5 U
Trichloroethene	10	5 U	5 U	5 U	6 U	6 U	5 U
Vinyl Acetate	10	11 U	11 U	10 U	12 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	10 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	6 U	6 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:		09/09/91	09/09/91	09/09/91	09/09/91	09/10/91	09/10/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	* FTAB-7-0608D	* FTAB-8-0002	* FTAB-8-0406	* FTAB-8-0608	* FTAB-8-1012	FTAB-8-1416
SAMPLE LOCATION:		* FTAB-7-0608D	* FTAB-8-0002	* FTAB-8-0406	* FTAB-8-0608	* FTAB-8-1012	FTAB-8-1416
SAMPLE ID NUMBER:		910502-16	910502-17	910502-18	910502-19	910502-20	
1,1,1-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	11 U	12 U	12 U	12 U	11 U
2-Hexanone	10	11 U	11 U	12 U	12 U	12 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	12 U	12 U	12 U	11 U
Acetone	10	5 B	6 B	6 B	12 U	12 B	11 U
Benzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	11 U	12 U	12 U	12 U	11 U
Carbon Disulfide	10	5 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	11 U	12 U	12 U	12 U	11 U
Chloroform	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	11 U	12 U	12 U	12 U	11 U
Dibromochloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	3 B	6 U	2 B	3 B	2 B	2 BJ
Styrene	10	5 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	5 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	11 U	12 U	12 U	12 U	11 U
Vinyl Chloride	10	11 U	11 U	12 U	12 U	12 U	11 U
cis-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/04/91
DATE EXTRACTED:							
DATE ANALYZED:		09/10/91	09/10/91	09/10/91	09/10/91	09/10/91	09/10/91
PERCENTAGE MOISTURE:							11

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
FIRE TRAINING AREA
VOLATILE SOIL ANALYSIS
mg/kg

COMPOUND	CRDL	FTAB-9-0002	FTAB-9-0204	FTAB-9-0608	FTAB-9-1012	FTAB-9-1618	FTAW-7-1011
SAMPLE LOCATION:		FTAB-9-0002	FTAB-9-0204	FTAB-9-0608	FTAB-9-1012	FTAB-9-1618	FTAW-7-1011
SAMPLE ID NUMBER:							
1,1,1-Trichloroethane	10	6 U	5 U	6 U	6 U	5 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	5 U	6 U	6 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	5 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	10	6 U	5 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	10	6 U	5 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	10	6 U	5 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	5 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	10	6 U	5 U	6 U	6 U	5 U	6 U
2-Butanone	10	11 U	11 U	11 U	12 U	11 U	11 U
2-Hexanone	10	11 U	11 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	12 U	11 U	11 U
Acetone	10	3 BJ	11 B	8 J	12 U	5 J	3 J
Benzene	10	6 U	5 U	6 U	6 U	5 U	6 U
Bromodichloromethane	10	6 U	5 U	6 U	6 U	5 U	6 U
Bromoform	10	6 U	5 U	6 U	6 U	5 U	6 U
Bromomethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Carbon Disulfide	10	6 U	5 U	6 U	6 U	5 U	6 U
Carbon Tetrachloride	10	6 U	5 U	6 U	6 U	5 U	6 U
Chlorobenzene	10	6 U	5 U	6 U	6 U	5 U	6 U
Chloroethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Chloroform	10	6 U	5 U	6 U	6 U	5 U	6 U
Chloromethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Dibromochloromethane	10	6 U	5 U	6 U	6 U	5 U	6 U
Ethylbenzene	10	6 U	5 U	6 U	6 U	5 U	6 U
Methylene Chloride	10	2 BJ	5 BJ	6 U	6 U	5 U	3 J
Styrene	10	6 U	5 U	6 U	6 U	5 U	6 U
Tetrachloroethene	10	6 U	5 U	6 U	6 U	5 U	6 U
Toluene	10	6 U	5 U	6 U	6 U	5 U	6 U
Total Xylenes	10	6 U	5 U	6 U	6 U	5 U	6 U
Trichloroethene	10	6 U	5 U	6 U	6 U	5 U	6 U
Vinyl Acetate	10	11 U	11 U	11 U	12 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	5 U	6 U	6 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	5 U	6 U	6 U	5 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:		09/10/91	09/13/91	09/11/91	09/11/91	09/11/91	09/12/91
PERCENTAGE MOISTURE:		13	7	12	15	9	10

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SL-FB	9SL-SWS-1	9SL-SWS-3	9SL-SWS-4	9SL-SWS-5	9SLW-1
SAMPLE ID NUMBER:		910519-10	910519-04	910519-06	910519-08		910526-09
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	24 B	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	3 BJ	2 BJ	3 BJ	3 BJ	4 BJ	4 J
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	15
Toluene	10	2 J	5 U	5 U	5 U	5 U	2 J
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/16/91	09/16/91	09/16/91	09/16/91	09/26/91	09/18/91
DATE EXTRACTED:							
DATE ANALYZED:		09/17/91	09/17/91	09/17/91	09/17/91	09/28/91	09/20/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SLW-1B	9SLW-1C	9SLW-1D	9SLW-2	9SLW-3	9SLW-3B
SAMPLE ID NUMBER:		910535-10	910535-12	910526-10	910526-11	910526-12	910535-02
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	1 B	3 J	5 U	3 J	5 U
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	29	5 U	15	5 U	8	35
Toluene	10	5 U	6	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/20/91	09/23/91	09/18/91	09/18/91	09/18/91	09/20/91
DATE EXTRACTED:							
DATE ANALYZED:		09/23/91	09/24/91	09/20/91	09/20/91	09/20/91	09/23/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SLW-3C	9SLW-3CD	9SLW-4	9SLW-4B	9SLW-4C	9SLW-5
SAMPLE ID NUMBER:		910535-13	910535-14	910526-13	910535-03	910535-04	910535-05
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	5 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5	5	61	56	5 U	7
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/23/91	09/23/91	09/18/91	09/20/91	09/20/91	09/20/91
DATE EXTRACTED:							
DATE ANALYZED:		09/24/91	09/24/91	09/20/91	09/23/91	09/23/91	09/23/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SL-FB	9SL-SWS-1	9SL-SWS-3	9SL-SWS-4	9SL-SWS-5	9SLW-1
SAMPLE ID NUMBER:		910519-10	910519-04	910519-06	910519-08	9SL-SWS-5	910526-09
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
2,4,5-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	160 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	33 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	33 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	33 U
2,4-Dinitrophenol	10	50 U	50 U	50 U	50 U	50 U	160 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	33 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	33 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	33 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	33 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	33 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	33 U
2-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	160 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	33 U
3,3'-Dichlorobenzidine	10	20 U	20 U	20 U	20 U	20 U	66 U
3-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	160 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	160 U
4-Bromophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	33 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	33 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	33 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	33 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	33 U
4-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	33 U
4-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	160 U
Acenaphthene	10	10 U	10 U	10 U	10 U	10 U	33 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	33 U
Anthracene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzo(a)anthracene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzo(a)pyrene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzo(b)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzo(k)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	33 U
Benzoic Acid	10	50 U	50 U	50 U	50 U	50 U	160 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U	10 U	33 U
Bis(2-ethylhexyl)phthalate	10	10 U	1 J	10 U	10 U	2 BJ	33 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	33 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	33 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	33 U
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U	3 BJ	33 U
Dibenz(a,h)anthracene	10	10 U	10 U	10 U	10 U	10 U	33 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	3.3
DATE SAMPLED:		09/16/91	09/16/91	09/16/91	09/16/91	09/25/91	09/18/91
DATE EXTRACTED:							

DATE ANALYZED:	09/20/91	09/20/91	09/20/91	09/20/91	09/28/91	09/27/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	9SL-FB	9SL-SWS-1	9SL-SWS-3	9SL-SWS-4	9SL-SWS-5	9SLW-1
	SAMPLE ID NUMBER:	910519-10	910519-04	910519-06	910519-08	9SL-SWS-5	910526-09
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	33 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	10 U	33 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	33 U
Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	33 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	33 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	33 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	33 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	33 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	10 U	10 U	10 U	33 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	33 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	33 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	10 U	10 U	10 U	160 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	33 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	33 U
Pentachlorophenol	10	50 U	50 U	50 U	50 U	50 U	160 U
Phenanthrene	10	10 U	10 U	10 U	10 U	10 U	33 U
Phenol	10	10 U	10 U	10 U	10 U	10 U	33 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	33 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	33 U
bis(2-Chloroethyl) ether	10	10 U	10 U	10 U	10 U	10 U	33 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	10 U	10 U	10 U	33 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	3.3
	DATE SAMPLED:	09/16/91	09/16/91	09/16/91	09/16/91	09/25/91	09/18/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/20/91	09/20/91	09/20/91	09/20/91	09/28/91	09/27/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SLW-1B	9SLW-1C	9SLW-1D	9SLW-2	9SLW-3	9SLW-3B
SAMPLE ID NUMBER:		910535-1B	910535-12	910526-10	910526-11	910526-12	910535-02
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	1 J	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic Acid	10	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	10 U	4 J	10 U	10 U	10 U	1 J
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	10	10 U	5 J	10 U	10 U	10 U	2 J
Dibenz(a,h)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/20/91	09/23/91	09/18/91	09/18/91	09/18/91	09/20/91
DATE EXTRACTED:							

DATE ANALYZED:	09/25/91	09/26/91	09/27/91	09/27/91	09/28/91	09/25/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	9SLW-1B	9SLW-1C	9SLW-1D	9SLW-2	9SLW-3	9SLW-3B
	SAMPLE ID NUMBER:	910535-1B	910535-12	910526-10	910526-11	910526-12	910535-02
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/20/91	09/23/91	09/18/91	09/18/91	09/18/91	09/20/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/25/91	09/26/91	09/27/91	09/27/91	09/28/91	09/25/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SLW-3C 910535-13	9SLW-3CD 910535-14	9SLW-4 910526-13	9SLW-4B 910535-03	9SLW-4C 910535-04	9SLW-5 910535-05
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic Acid	10	50 U	50 U	50 U	50 U	50 U	50 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	10 U	10 U	10 U	1 J	1 J	1 J
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	10	10 U	10 U	10 U	2 J	2 J	1 J
Dibenz(a,h)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/23/91	09/23/91	09/18/91	09/20/91	09/20/91	09/20/91
DATE EXTRACTED:							

DATE ANALYZED:	09/26/91	09/26/91	09/27/91	09/25/91	09/25/91	09/26/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	9SLW-3C	9SLW-3CD	9SLW-4	9SLW-4B	9SLW-4C	9SLW-5
	SAMPLE ID NUMBER:	910535-13	910535-14	910526-13	910535-03	910535-04	910535-05
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/23/91	09/23/91	09/18/91	09/20/91	09/20/91	09/20/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/26/91	09/26/91	09/27/91	09/25/91	09/25/91	09/26/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SL-FB	9SL-SWS-1	9SL-SWS-3	9SL-SWS-4	9SL-SWS-5	9SLW-1
SAMPLE ID NUMBER:		910519-10	910519-04	910519-06	910519-08		910526-09
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Aldrin	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.3 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.3 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Endosulfan I	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.33 U
Heptachlor	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
Heptachlor Epoxide	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.3 U
alpha-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
beta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
delta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
gamma-BHC(Lindane)	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.17 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.7 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	3.3
DATE SAMPLED:		09/16/91	09/16/91	09/16/91	09/16/91	09/26/91	09/18/91
DATE EXTRACTED:							
DATE ANALYZED:		10/04/91	10/04/91	10/04/91	10/04/91	10/18/91	10/14/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	9SLW-1B	9SLW-1C	9SLW-1D	9SLW-2	9SLW-3	9SLW-3B
SAMPLE ID NUMBER:		910535-01	910535-12	910526-10	910526-11	910526-12	910535-02
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/23/91	09/23/91	09/18/91	09/18/91	09/18/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:		10/14/91	10/14/91	10/14/91	10/14/91	10/14/91	10/14/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SLW-3C	9SLW-3CD	9SLW-4	9SLW-4B	9SLW-4C	9SLW-5
	SAMPLE ID NUMBER:	910535-13	910535-14	910526-13	910535-03	910535-04	910535-05
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U	0.05 U	0.050 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/23/91	09/23/91	09/18/91	09/23/91	09/23/91	09/23/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/14/91	10/14/91	10/14/91	10/14/91	10/14/91	10/14/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	9SL-SWS-1	9SL-SWS-3	9SL-SWS-4	9SL-SWS-5	9SLW-1	* 9SLW-1B
SAMPLE ID NUMBER:		00519-04S	00519-06S	00519-08S	00546-13S	00526-09S	9SLW-1B
Aluminum	40	1030	74.0 B	157 B	838.00	4000	363.00 B
Antimony	40	45.0 U	64.0	45.0 U	45.00 U	45.0 U	45.00 U
Arsenic	40	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.00 UJ(1)
Barium	40	42.0 B	99.0 B	94.0 B	15.00 B	269	263.00
Beryllium	40	5.0	5.0	5.0	3.0 B	3.0 B	3.00 B
Cadmium	40	4.0 U	4.0 U	4.0 U	4.00 U	4.0 U	4.00 U
Calcium	40	13100	19100	10400	8900.00	8420	12700.00
Chromium	40	7.0 U	7.0 U	7.0 U	7.00 U	11.0	13.00 B
Cobalt	40	10.0 U	10.0 U	10.0 U	10.00 U	10.0 U	10.00 U
Copper	40	9.0 B	4.0 B	5.0 B	7.0 B	2.0 U	9.00 B
Cyanide	40	12.0 U	12.5 U	12.5 U	10.00 U	16.7 U	10.00 U
Iron	40	1360	1940	685	1490.00	5680	508.00
Lead	40	9.6	1.1 B	1.4 B	1.80 B	4.8	1.60
Magnesium	40	3150 B	4240 B	3590 B	3030.00 B	2480 B	2380.00
Manganese	40	112	1550	315	67.00	136	37.00
Mercury	40	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40	12.0 B	12.0 U	12.0 U	19.00 B	12.0 U	14.00 B
Potassium	40	2560 B	2670 B	2140 U	4060.00 B	2140 U	2140.00 U
Selenium	40	4.0 U	4.0 U	4.0 U	4.0 U	20.0 U	4.00 UJ(1,3)
Silver	40	6.0 U	6.0 U	6.0 U	6.00 U	6.0 U	6.00 U
Sodium	40	4450 U	4800 B	246000	4450.00 U	11700	9560.00
Thallium	40	2.0 U	2.0 U	2.0 U	2.00 U	2.0 U	2.00 UJ(1)
Vanadium	40	4.0 U	4.0 U	4.0 U	6.0 B	8.0 B	4.00 U
Zinc	40	14.0 B	7.0 B	17.0 B	23.00	17.0 B	5.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/16/91	09/16/91	09/16/91	09/25/91	09/18/91	09/20/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL						
SAMPLE LOCATION:		* 9SLW-1C	9SLW-1D	9SLW-2	9SLW-3	* 9SLW-3B	* 9SLW-3C
SAMPLE ID NUMBER:		9SLW-1C	00526-10S	00526-11S	00526-12S	9SLW-3B	9SLW-3C
Aluminum	40	2480.00 J(2)	6530	214	214	72.00 UJ(2)	87.00 B
Antimony	40	45.00 U	45.0 U	45.0 U	45.0 U	45.00 U	45.00 U
Arsenic	40	7.40 J(1)	2.0 U	2.0 U	2.0 U	2.00 UJ(1)	2.40 J(1)
Barium	40	379.00	303	99.0 B	154 B	250.00	175.00
Beryllium	40	3.00 B	3.0 B	3.0 B	3.0 B	3.00 B	3.00 B
Cadmium	40	4.00 U	4.0 U	4.0 U	4.0 U	4.00	4.00 U
Calcium	40	57000.00	8120	6820	15100	19500.00	16900.00
Chromium	40	7.00 U	13.0	7.0 U	8.0 B	7.00 U	14.00 B
Cobalt	40	10.00 U	10.0 U	10.0 U	10.0 U	10.00 U	10.00 U
Copper	40	5.00 B	2.0 U	6.0 B	7.0 B	9.00 B	6.00 B
Cyanide	40	10.00 U	10.0 U	10.0 U	10.0 U	10.00 U	10.00 U
Iron	40	1660.00	8880	328	243	43.00 B	80.00 B
Lead	40	7.60	4.8	1.4 B	1.0 U	1.00 U	1.00 U
Magnesium	40	9790.00	2880 B	2940 B	4570 B	7710.00	10200.00
Manganese	40	103.00	160	15.0	10.0 B	1.00	2.00
Mercury	40	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	40	12.00 U	12.0 U	12.0 U	12.0 U	12.00 U	15.00 B
Potassium	40	62600.00	2790 B	2140 U	2140 U	2140.00 U	2140.00 U
Selenium	40	20.00 UJ(1)	4.0 U	4.0 U	4.0 U	20.00 UJ(1)	4.00 UL(1)
Silver	40	6.00 U	6.0 U	6.0 U	6.0 U	6.00 U	6.00 U
Sodium	40	30700.00	11800	6680	7700	6420.00	5930.00
Thallium	40	2.00 UJ(1)	2.0 U	2.0 U	2.0 U	2.00 UJ(1)	2.00 UJ(1)
Vanadium	40	4.00 U	12.0 B	4.0 U	4.0 U	4.00 U	4.00 U
Zinc	40	14.00 B	21.0	8.0 B	8.0 B	5.00 B	3.00 B
DILUTION FACTOR:							
DATE SAMPLED:		09/23/91	09/18/91	09/18/91	09/18/91	09/20/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

	SAMPLE LOCATION:	* 9SLW-3CD	9SLW-4	* 9SLW-4B	* 9SLW-4C	* 9SLW-5
	SAMPLE ID NUMBER:	9SLW-3CD	00526-13S	9SLW-4B	9SLW-4C	9SLW-5
COMPOUND	CRDL					
Aluminum	40	87.00 B	551	379.00 B	87.00 B	18500.00 J(2
Antimony	40	45.00 U	45.0 U	45.00 U	45.00 U	45.00 U
Arsenic	40	2.40 J(1)	2.0 U	2.00 UJ(1)	2.00 UJ(1)	2.10 J(1)
Barium	40	177.00	306	326.00	405.00	172.00
Beryllium	40	3.00 B	3.0 B	3.00 B	3.00 B	4.00 B
Cadmium	40	4.00 U	4.0 U	4.00 U	4.00 U	4.00 U
Calcium	40	17700.00	22900	18800.00	24000.00	5020.00
Chromium	40	7.00 U	7.0 U	12.00 B	7.00 U	17.00 B
Cobalt	40	10.00 U	10.0 U	10.00 U	10.00 U	10.00 U
Copper	40	6.00 B	7.0 B	9.00 B	6.00 B	32.00 B
Cyanide	40	10.00 U	10.0 U	10.00 U	10.00 U	10.00 U
Iron	40	43.00 B	562	757.00	35.00 B	14300.00
Lead	40	1.00 U	1.0 U	1.70	1.00 U	2.60
Magnesium	40	10500.00	8460	5330.00	6440.00	2200.00
Manganese	40	1.00	50.0	226.00	1.00	316.00
Mercury	40	0.20 U	0.20 U	0.20 U	0.20 U	1.70
Nickel	40	12.00 U	12.0 U	15.00 B	12.00 U	18.00 B
Potassium	40	2140.00 U	2140 U	2140.00 U	2140.00 U	2140.00 U
Selenium	40	4.00 UL(1)	20.0 U	20.00 UJ(1)	20.00 UJ(1)	20.00 UJ(1)
Silver	40	6.00 U	6.0 U	6.00 U	6.00 U	6.00 U
Sodium	40	6120.00	7780	9880.00	8900.00	6600.00
Thallium	40	2.00 UJ(1)	2.0 U	2.00 UJ(1)	2.00 UJ(1)	2.00 UJ(1)
Vanadium	40	4.00 U	5.0 B	4.00 U	4.00 U	16.00
Zinc	40	7.00 B	8.0 B	9.00 B	3.00 B	39.00
	DILUTION FACTOR:					
	DATE SAMPLED:	09/23/91	09/18/91	09/23/91	09/20/91	09/20/91
	DATE EXTRACTED:					
	DATE ANALYZED:					
	PERCENTAGE MOISTURE:					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

	SAMPLE LOCATION:	* 9SLW-1BF	* 9SLW-1CF	9SLW-1DF	9SLW-1F	9SLW-2F	* 9SLW-3BF
	SAMPLE ID NUMBER:	9SLW-1B	9SLW-1C	01526-10S	01526-09S	01526-11S	9SLW-3B
COMPOUND	CRDL						
Aluminum	200	73.00 B	72.00 U	141 B	141 B	137.0 B	72.00 B
Antimony	200	45.00 U	45.00 U	45.0 U	47.0 B	45.0 U	45.00 U
Arsenic	200	2.00 UJ(1)	5.20 J(1,2)	2.0 U	2.0 U	2.0 U	2.00 UJ(1)
Barium	200	255.00	49.00	143 B	135 B	103 B	263.00
Beryllium	200	4.00 B	4.00 B	3.0 B	3.0 B	3.0 B	4.00 B
Cadmium	200	4.00 U	4.00 U	4.0 U	4.0 U	4.0 U	4.00 U
Calcium	200	12600.00	5020.00	8050	7730	7340	20000.00
Chromium	200	7.00 U	8.00	7.0 B	7.0 U	7.0 U	7.00 U
Cobalt	200	10.00 U	10.00 U	10.0 U	10.0 U	10.0 U	10.00 U
Copper	200	7.00 B	7.00 B	7.0 B	7.0 B	6.0 B	6.00 B
Iron	200	45.00 B	40.00 B	43.0 B	54.0 B	223	48.00 B
Lead	200	1.60	1.00 U	1.0 U	1.0 U	1.0 U	1.10 U
Magnesium	200	2370.00	3760.00	1760 B	1730 B	3140 B	7800.00
Manganese	200	5.00 B	1.00 B	19.0	18.0	3.0 B	1.00 B
Mercury	200	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	200	12.00 U	12.00 U	12.0 U	12.0 U	12.0 U	12.00 U
Potassium	200	2140.00 U	45900.00	2140 U	2140 U	2140 U	2140.00 U
Selenium	200	4.00 UJ(1,2)	4.00 UJ(1,2)	4.0 U	4.0 U	4.0 U	4.00 UJ(2)
Silver	200	R(1)	R(1)	6.0 U	6.0 U	6.0 U	R(1)
Sodium	200	8410.00	23700.00	12000	12400	6840	6090.00
Thallium	200	2.00 U	2.00 U	2.0 U	2.0 U	2.0 U	2.00 U
Vanadium	200	4.00 U	4.00 U	4.0 U	4.0 U	4.0 U	4.00 U
Zinc	200	11.00	5.00	27.0	10.0 B	19.0 B	14.00
	DILUTION FACTOR:						
	DATE SAMPLED:	09/20/91	09/23/91	09/18/91	09/18/91	09/18/91	09/20/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

COMPOUND	CRDL						
SAMPLE LOCATION:		* 9SLW-3CDF	* 9SLW-3CF	9SLW-3F	* 9SLW-4BF	* 9SLW-4CF	9SLW-4F
SAMPLE ID NUMBER:		9SLW-3CD	9SLW-3C	01526-12S	9SLW-4B	9SLW-4C	01526-13S
Aluminum	200	72.00 U	72.00 U	128 B	72.00 B	72.00 U	105 B
Antimony	200	45.00 U	45.00 U	45.0 U	45.00 U	45.00 U	45.0 U
Arsenic	200	2.80 J(1,2)	3.80 J(1,2)	2.0 U	2.00 UJ(1)	2.00 U	2.0 U
Barium	200	175.00	184.00	145 B	358.00	431.00	334
Beryllium	200	4.00 B	4.00 B	3.0 B	4.00 B	4.00 B	3.0 B
Cadmium	200	4.00 U	4.00 B	4.0 U	4.00 U	4.00 U	4.0 U
Calcium	200	17600.00	18400.00	14400	22000.00	25200.00	26100
Chromium	200	7.00 U	7.00 U	7.0 U	7.00 U	7.00 U	7.0 U
Cobalt	200	10.00 U	10.00 U	10.0 U	10.00 U	10.00 U	10.0 U
Copper	200	7.00 B	6.00 B	7.0 B	6.00 B	7.00 B	6.0 B
Iron	200	39.00 B	41.00 B	42.0 B	54.00 B	50.00 B	38.0 B
Lead	200	1.60	1.00 U	1.0 U	1.00 U	1.00 U	1.0 U
Magnesium	200	10600.00	11400.00	4340 B	6080.00	6630.00	9620
Manganese	200	1.00 B	2.00 B	2.0 B	2.00 B	2.00 B	1.0 B
Mercury	200	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	200	12.00 U	12.00 U	12.0 U	12.00 U	12.00 U	12.0 U
Potassium	200	2140.00 U	2140.00 U	2140 U	2140.00 U	2140.00 U	2140 U
Selenium	200	4.00 UJ(1)	4.00 UJ(1,2)	4.0 U	4.00 UJ(1,2)	4.00 UJ(1,2)	20.0 U
Silver	200	R(1)	R(1)	6.0 U	R(1)	R(1)	6.0 U
Sodium	200	5460.00	5560.00	7270	9840.00	8170.00	8680
Thallium	200	2.00 U	2.00 U	2.0 U	2.00 U	2.00 U	2.0 U
Vanadium	200	4.00 U	4.00 U	4.0 U	4.00 U	4.00 U	4.0 B
Zinc	200	5.00	10.00	11.0 B	13.00	6.00	6.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/23/91	09/23/91	09/18/91	09/23/91	09/20/91	09/18/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

	SAMPLE LOCATION:	* 9SLW-5F
	SAMPLE ID NUMBER:	9SLW-5
COMPOUND	CRDL	
Aluminum	200	77.00 B
Antimony	200	45.00 U
Arsenic	200	2.00 UJ(1)
Barium	200	61.00
Beryllium	200	4.00 B
Cadmium	200	4.00 U
Calcium	200	11500.00
Chromium	200	7.00 U
Cobalt	200	10.00 U
Copper	200	7.00
Iron	200	37.00 B
Lead	200	1.60 B
Magnesium	200	2840.00
Manganese	200	16.00
Mercury	200	0.20 U
Nickel	200	12.00 U
Potassium	200	2140.00 U
Selenium	200	4.00 U
Silver	200	R(1)
Sodium	200	11800.00
Thallium	200	2.00 U
Vanadium	200	4.00 U
Zinc	200	18.00
	DILUTION FACTOR:	
	DATE SAMPLED:	09/20/91
	DATE EXTRACTED:	
	DATE ANALYZED:	
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* 9SL-S1	* 9SL-S10	9SL-S10B	* 9SL-S11	9SL-S11B	* 9SL-S12
SAMPLE ID NUMBER:		910508-13	910508-22	9SL-S10B	910508-23	9SL-S11B	910508-24
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	3 BJ	5 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	10	11 U	11 U	12 U	11 U	11 U	11 U
2-Hexanone	10	11 U	11 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	12 U	11 U	11 U	11 U
Acetone	10	11 U	11 U	7 BJ	11 U	11 U	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloromethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Methylene Chloride	10	2 B	6 U	1 J	6 U	6 U	5 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	5 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl Acetate	10	11 U	11 U	12 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U*	5 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							
DATE ANALYZED:		09/12/91	09/12/91	09/15/91	09/12/91	09/14/91	09/12/91
PERCENTAGE MOISTURE:				14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S12B	* 9SL-S13	9SL-S13B	* 9SL-S14	9SL-S14B	* 9SL-S15
	SAMPLE ID NUMBER:	9SL-S12B	910508-25	9SL-S13B	910508-26	9SL-S14B	910508-27
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	10	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone	10	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	10	11 U	11 U	11 U	11 U	11 U	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloromethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Methylene Chloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	5 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl Acetate	10	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/14/91	09/12/91	09/14/91	09/12/91	09/14/91	09/12/91
	PERCENTAGE MOISTURE:	10		12		9	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		9SL-S15B	* 9SL-S16	9SL-S16B	* 9SL-S16D	* 9SL-S2	9SL-S2B
SAMPLE ID NUMBER:		9SL-S15B	910508-28	9SL-S16B	910508-29	910508-14	9SL-S2B
1,1,1-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	5 U	6 U	6 U	6 U	6 U	3 J
1,2-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	12 U	11 U	11 U	11 U	11 U
2-Hexanone	10	11 U	12 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	12 U	11 U	11 U	11 U	11 U
Acetone	10	6 J	10 B	11 U	8 B	4 B	6 BJ
Benzene	10	5 U	6 U	6 U	6 U	6 U	3 J
Bromodichloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	5 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	5 U	6 U	6 U	6 U	6 U	2 J
Chloroethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Chloroform	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	5 U	6 U	2 J	6 U	2 B	6 U
Styrene	10	5 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	5 U	6 U	6 U	6 U	6 U	2 J
Total Xylenes	10	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	5 U	6 U	6 U	6 U	6 U	2 J
Vinyl Acetate	10	11 U	12 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	12 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							
DATE ANALYZED:		09/14/91	09/14/91	09/14/91	09/14/91	09/13/91	09/14/91
PERCENTAGE MOISTURE:		9		11			13

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* 9SL-S3	9SL-S3B	* 9SL-S4	9SL-S4B	* 9SL-S5	9SL-S5B
	SAMPLE ID NUMBER:	910508-15	9SL-S3B	910508-16	9SL-S4B	910508-17	9SL-S5B
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	5 U	2 J
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	10	11 U	12 U	11 U	12 U	11 U	11 U
2-Hexanone	10	11 U	11 U	11 U	12 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	12 U	11 U	11 U
Acetone	10	11 U	5 BJ	4 B	6 BJ	15 B	5 BJ
Benzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromomethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	5 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	5 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloroethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloromethane	10	11 U	11 U	11 U	12 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Methylene Chloride	10	2 B	3 J	2 B	4 J	5 U	2 J
Styrene	10	6 U	6 U	6 U	6 U	5 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	5 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	5 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	10	11 U	12 U	11 U	12 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	11 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/12/91	09/13/91	09/12/91	09/13/91	09/14/91	09/15/91
	PERCENTAGE MOISTURE:		10		14		10

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* 9SL-S6	9SL-S6B	9SL-S6BD	* 9SL-S7	9SL-S7B	* 9SL-S8
SAMPLE ID NUMBER:		910508-18	9SL-S6B	9SL-S6BD	910508-19	9SL-S7B	910508-20
1,1,1-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	11 U	11 U	11 U	11 U	11 U
2-Hexanone	10	11 U	11 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	11 U	11 U	11 U
Acetone	10	4 B	12 B	6 BJ	12 B	5 BJ	6 B
Benzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	5 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Chloroform	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	11 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	5 U	2 J	6 U	3 B	2 J	6 U
Styrene	10	5 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	5 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	11 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							
DATE ANALYZED:		09/14/91	09/15/91	09/14/91	09/12/91	09/14/91	09/12/91
PERCENTAGE MOISTURE:			11	11		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S8B	* 9SL-S9	9SL-S9B	9SL-SS-1	9SL-SS-3	9SL-SS-4
	SAMPLE ID NUMBER:	9SL-S8B	910508-21	9SL-S9B	910519-03	910519-05	910519-07
1,1,1-Trichloroethane	10	6 U	5 U	6 U	3 BJ	3 BJ	4 BJ
1,1,2,2-Tetrachloroethane	10	6 U	5 U	6 U	8 U	8 U	8 U
1,1,2-Trichloroethane	10	6 U	5 U	6 U	8 U	8 U	8 U
1,1-Dichloroethane	10	6 U	5 U	6 U	8 U	8 U	8 U
1,1-Dichloroethene	10	6 U	5 U	6 U	8 U	8 U	8 U
1,2-Dichloroethane	10	6 U	5 U	6 U	8 U	8 U	8 U
1,2-Dichloroethene(total)	10	6 U	5 U	6 U	8 U	8 U	8 U
1,2-Dichloropropane	10	6 U	5 U	6 U	8 U	8 U	8 U
2-Butanone	10	12 U	11 U	12 U	15 U	15 U	16 U
2-Hexanone	10	12 U	11 U	12 U	15 U	15 U	16 U
4-Methyl-2-pentanone	10	12 U	11 U	12 U	15 U	15 U	16 U
Acetone	10	8 BJ	11 U	12 U	40	7 J	150
Benzene	10	6 U	5 U	6 U	8 U	8 U	8 U
Bromodichloromethane	10	6 U	5 U	6 U	8 U	8 U	8 U
Bromoform	10	6 U	5 U	6 U	8 U	8 U	8 U
Bromomethane	10	12 U	11 U	12 U	15 U	15 U	16 U
Carbon Disulfide	10	6 U	5 U	6 U	8 U	8 U	8 U
Carbon Tetrachloride	10	6 U	5 U	6 U	8 U	8 U	8 U
Chlorobenzene	10	6 U	5 U	6 U	8 U	8 U	8 U
Chloroethane	10	12 U	11 U	12 U	15 U	15 U	16 U
Chloroform	10	6 U	5 U	6 U	8 U	8 U	8 U
Chloromethane	10	12 U	11 U	12 U	15 U	15 U	16 U
Dibromochloromethane	10	6 U	5 U	6 U	8 U	8 U	8 U
Ethylbenzene	10	6 U	5 U	6 U	8 U	8 U	8 U
Methylene Chloride	10	2 J	5 U	1 BJ	5 BJ	8 U	8 U
Styrene	10	6 U	5 U	6 U	8 U	8 U	8 U
Tetrachloroethene	10	6 U	5 U	6 U	8 U	8 U	8 U
Toluene	10	6 U	5 U	6 U	8 U	8 U	8 U
Total Xylenes	10	6 U	5 U	6 U	8 U	8 U	8 U
Trichloroethene	10	6 U	5 U	6 U	8 U	8 U	8 U
Vinyl Acetate	10	12 U	11 U	12 U	15 U	15 U	16 U
Vinyl Chloride	10	12 U	11 U	12 U	15 U	15 U	16 U
cis-1,3-Dichloropropene	10	6 U	5 U	6 U	8 U	8 U	8 U
trans-1,3-Dichloropropene	10	6 U	5 U	6 U	8 U	8 U	8 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/16/91	09/16/91	09/16/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/15/91	09/12/91	09/16/91	09/18/91	09/18/91	09/18/91
	PERCENTAGE MOISTURE:	14		16	35	34	36

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-SS-5	9SL-SS-6	9SL-SS-7	9SL-TP1-S1	9SL-TP2-S1	9SL-TP2-S2
SAMPLE ID NUMBER:		910519-09	910526-07	910526-08	910512-06	910512-08	910512-09
1,1,1-Trichloroethane	10	13 U	10 U	19 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	13 U	10 U	19 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	13 U	10 U	19 U	6 U	6 U	6 U
1,1-Dichloroethane	10	13 U	10 U	19 U	6 U	6 U	6 U
1,1-Dichloroethene	10	13 U	10 U	19 U	6 U	6 U	6 U
1,2-Dichloroethane	10	13 U	10 U	19 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	13 U	10 U	19 U	6 U	6 U	6 U
1,2-Dichloropropane	10	13 U	10 U	19 U	6 U	6 U	6 U
2-Butanone	10	26 U	20 U	38 U	12 U	13 U	12 U
2-Hexanone	10	26 U	20 U	38 U	12 U	13 U	12 U
4-Methyl-2-pentanone	10	26 U	20 U	38 U	12 U	13 U	12 U
Acetone	10	9 J	5 J	430	12 U	13 U	12 U
Benzene	10	13 U	10 U	19 U	6 U	6 U	6 U
Bromodichloromethane	10	13 U	10 U	19 U	6 U	6 U	6 U
Bromoform	10	13 U	10 U	19 U	6 U	6 U	6 U
Bromomethane	10	26 U	20 U	38 U	12 U	13 U	12 U
Carbon Disulfide	10	13 U	10 U	19 U	6 U	6 U	6 U
Carbon Tetrachloride	10	13 U	10 U	19 U	6 U	6 U	6 U
Chlorobenzene	10	13 U	10 U	19 U	6 U	6 U	6 U
Chloroethane	10	26 U	20 U	38 U	12 U	13 U	12 U
Chloroform	10	13 U	10 U	19 U	6 U	6 U	6 U
Chloromethane	10	26 U	20 U	38 U	12 U	13 U	12 U
Dibromochloromethane	10	13 U	10 U	19 U	6 U	6 U	6 U
Ethylbenzene	10	13 U	10 U	6 J	6 U	6 U	6 U
Methylene Chloride	10	13 U	10 U	19 U	6 U	6 U	6 U
Styrene	10	13 U	10 U	19 U	6 U	6 U	6 U
Tetrachloroethene	10	13 U	10 U	19 U	6 U	6 U	6 U
Toluene	10	13 U	10 U	19 U	6 U	6 U	6 U
Total Xylenes	10	13 U	10 U	19 U	6 U	6 U	6 U
Trichloroethene	10	13 U	10 U	19 U	6 U	6 U	6 U
Vinyl Acetate	10	26 U	20 U	38 U	12 U	13 U	12 U
Vinyl Chloride	10	26 U	20 U	38 U	12 U	13 U	12 U
cis-1,3-Dichloropropene	10	13 U	10 U	19 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	13 U	10 U	19 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/16/91	09/18/91	09/18/91	09/10/91	09/11/91	09/10/91
DATE EXTRACTED:							
DATE ANALYZED:		09/18/91	09/21/91	09/21/91	09/15/91	09/15/91	09/15/91
PERCENTAGE MOISTURE:		61	49	74	14	22	15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-TP3-S1	9SL-TP4-S1	9SL-TP4-S2	9SL-TP4-S3	9SL-TP4-S4
SAMPLE ID NUMBER:		910512-16	910512-11	910512-12	910512-13	910512-14
1,1,1-Trichloroethane	10	6 U	6 U	30 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	30 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	30 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	30 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	30 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	30 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	30 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	30 U	6 U	6 U
2-Butanone	10	12 U	13 U	60 U	11 U	12 U
2-Hexanone	10	12 U	13 U	60 U	11 U	12 U
4-Methyl-2-pentanone	10	12 U	13 U	60 U	11 U	12 U
Acetone	10	12 U	23	140 B	7 J	12 U
Benzene	10	6 U	6 U	30 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	30 U	6 U	6 U
Bromoform	10	6 U	6 U	30 U	6 U	6 U
Bromomethane	10	12 U	13 U	60 U	11 U	12 U
Carbon Disulfide	10	6 U	6 U	30 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	30 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	30 U	6 U	6 U
Chloroethane	10	12 U	13 U	60 U	11 U	12 U
Chloroform	10	6 U	6 U	30 U	6 U	6 U
Chloromethane	10	12 U	13 U	60 U	11 U	12 U
Dibromochloromethane	10	6 U	6 U	30 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	30 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 BJ	6 U	2 BJ
Styrene	10	6 U	6 U	30 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	30 U	6 U	6 U
Toluene	10	6 U	6 U	30 U	6 U	6 U
Total Xylenes	10	6 U	6 U	30 U	6 U	6 U
Trichloroethene	10	6 U	6 U	30 U	6 U	6 U
Vinyl Acetate	10	12 U	13 U	60 U	11 U	12 U
Vinyl Chloride	10	12 U	13 U	60 U	11 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	30 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	30 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	5.0	1.0	1.0
DATE SAMPLED:		09/11/91	09/11/91	09/11/91	09/11/91	09/11/91
DATE EXTRACTED:						
DATE ANALYZED:		09/15/91	09/15/91	09/16/91	09/15/91	09/16/91
PERCENTAGE MOISTURE:		14	22	17	10	15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* 9SL-S1	* 9SL-S10	9SL-S10B	* 9SL-S11	9SL-S11B	* 9SL-S12
SAMPLE ID NUMBER:		910508-13	910508-22	9SL-S10B	910508-23	9SL-S11B	910508-24
1,2,4-Trichlorobenzene	10	380 U	380 U	380 U	370 U	560 U	370 U
1,2-Dichlorobenzene	10	64 J (1)	380 U	380 U	370 U	82 J	370 U
1,3-Dichlorobenzene	10	380 U	380 U	380 U	370 U	560 U	370 U
1,4-Dichlorobenzene	10	380 U	40 J (1)	380 U	45 J (1)	560 U	56 J (1)
2,4,5-Trichlorophenol	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
2,4,6-Trichlorophenol	10	380 U	380 U	380 U	370 U	560 U	370 U
2,4-Dichlorophenol	10	380 U	380 U	380 U	370 U	560 U	370 U
2,4-Dimethylphenol	10	380 U	380 U	380 U	370 U	560 U	370 U
2,4-Dinitrophenol	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 UJ (1)
2,4-Dinitrotoluene	10	380 U	380 U	380 U	370 U	560 U	370 U
2,6-Dinitrotoluene	10	380 U	380 U	380 U	370 U	560 U	370 U
2-Chloronaphthalene	10	380 U	380 U	380 U	370 U	560 U	370 U
2-Chlorophenol	10	380 U	380 U	380 U	370 U	560 U	370 U
2-Methylnaphthalene	10	380 U	380 U	380 U	370 U	560 U	370 U
2-Methylphenol	10	380 U	380 U	380 U	370 U	560 U	370 U
2-Nitroaniline	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
2-Nitrophenol	10	380 U	380 U	380 U	370 U	560 U	370 U
3,3'-Dichlorobenzidine	10	760 U	770 U	770 U	740 U	1100 U	750 U
3-Nitroaniline	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
4,6-Dinitro-2-Methylphenol	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
4-Bromophenyl-Phenylether	10	380 U	380 U	380 U	370 U	560 U	370 U
4-Chloro-3-Methylphenol	10	380 U	380 U	380 U	370 U	560 U	370 U
4-Chloroaniline	10	380 U	380 U	380 U	370 U	560 U	370 U
4-Chlorophenyl-Phenylether	10	380 U	380 U	380 U	370 U	560 U	370 U
4-Methylphenol	10	380 U	380 U	380 U	370 U	560 U	370 U
4-Nitroaniline	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
4-Nitrophenol	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
Acenaphthene	10	380 U	380 U	380 U	370 U	560 U	370 U
Acenaphthylene	10	380 U	380 U	380 U	370 U	560 U	370 U
Anthracene	10	100 J (1)	42 J (1)	380 U	370 U	150 J	370 U
Benzo(a)anthracene	10	410	93 J (1)	100 J	370 U	450 J	370 U
Benzo(a)pyrene	10	450	97 J (1)	100 J	370 U	400 J	370 U
Benzo(b)fluoranthene	10	420	110 J (1)	120 J	370 U	430 J	49 J (1)
Benzo(g,h,i)perylene	10	180 J (1)	54 J (1)	47 J	370 U	110 J	370 U
Benzo(k)fluoranthene	10	520 J (2)	94 J (2)	90 J	370 U	400 J	39 J (2)
Benzoic Acid	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
Benzyl Alcohol	10	380 U	380 U	380 U	370 U	560 U	370 U
Bis(2-ethylhexyl)phthalate	10	110 J (1)	380 U	56 J	370 U	79 J	370 U
Butylbenzylphthalate	10	380 U	380 U	380 U	370 U	560 U	370 U
Chrysene	10	490	120 J (1)	120 J	370 U	450 J	49 J (1)
Di-n-butylphthalate	10	380 U	380 U	82 BJ	370 U	560 U	370 U
Di-n-octylphthalate	10	380 U	380 U	380 U	370 U	560 U	370 U
Dibenz(a,h)anthracene	10	380 U	380 U	380 U	370 U	560 U	370 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.5	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							

DATE ANALYZED:	09/17/91	09/14/91	09/14/91	09/15/91	09/16/91	09/15/91
PERCENTAGE MOISTURE:			14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	* 9SL-S1	* 9SL-S10	9SL-S10B	* 9SL-S11	9SL-S11B	* 9SL-S12
	SAMPLE ID NUMBER:	910508-13	910508-22	9SL-S10B	910508-23	9SL-S11B	910508-24
Dibenzofuran	10	380 U	380 U	380 U	370 U	560 U	370 U
Diethylphthalate	10	380 U	380 U	380 U	370 U	560 U	370 U
Dimethylphthalate	10	380 U	380 U	380 U	370 U	560 U	370 U
Fluoranthene	10	910	320 J (1)	240 J	65 J (1)	880	110 J (1)
Fluorene	10	380 U	380 U	380 U	370 U	560 U	370 U
Hexachlorobenzene	10	380 U	380 U	380 U	370 U	560 U	370 U
Hexachlorobutadiene	10	380 U	380 U	380 U	370 U	560 U	370 U
Hexachlorocyclopentadiene	10	380 U	380 U	380 U	370 UJ (1)	560 U	370 U
Hexachloroethane	10	380 U	380 U	380 U	370 U	560 U	370 U
Indeno(1,2,3-cd)pyrene	10	210 J (1)	63 J (1)	55 J	370 U	140 J	370 U
Isophorone	10	380 U	380 U	380 U	370 U	560 U	370 U
N-Nitroso-di-n-propylamine	10	380 U	380 U	380 U	370 U	560 U	370 U
N-nitrosodiphenylamine(1)	10	380 U	380 U	380 U	370 U	560 U	370 U
Naphthalene	10	380 U	380 U	380 U	370 U	560 U	370 U
Nitrobenzene	10	380 U	380 U	380 U	370 U	560 U	370 U
Pentachlorophenol	10	1800 U	1900 U	1900 U	1800 U	2700 U	1800 U
Phenanthrene	10	490	230 J (1)	170 J	38 J (1)	600	68 J (1)
Phenol	10	380 U	380 U	380 U	370 U	560 U	370 U
Pyrene	10	930	210 J (1)	270 J	47 J (1)	1000	75 J (1)
bis(2-Chloroethoxy)methane	10	380 U	380 U	380 U	370 U	560 U	370 U
bis(2-Chloroethyl) ether	10	380 U	380 U	380 U	370 U	560 U	370 U
bis(2-Chloroisopropyl) ether	10	380 U	380 U	380 U	370 U	560 U	370 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.5	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/17/91	09/14/91	09/14/91	09/15/91	09/16/91	09/15/91
	PERCENTAGE MOISTURE:			14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-S12B	* 9SL-S13	9SL-S13B	* 9SL-S14	9SL-S14B	* 9SL-S15
SAMPLE LOCATION:		9SL-S12B	* 9SL-S13	9SL-S13B	* 9SL-S14	9SL-S14B	* 9SL-S15
SAMPLE ID NUMBER:		9SL-S12B	910508-25	9SL-S13B	910508-26	9SL-S14B	910508-27
1,2,4-Trichlorobenzene	10	370 U	370 U	380 U	370 U	760 U	370 U
1,2-Dichlorobenzene	10	370 U	370 U	380 U	370 U	320 J	370 U
1,3-Dichlorobenzene	10	370 U	370 U	380 U	370 U	760 U	370 U
1,4-Dichlorobenzene	10	370 U	57 J (1)	380 U	56 J (1)	760 U	59 J (1)
2,4,5-Trichlorophenol	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
2,4,6-Trichlorophenol	10	370 U	370 U	380 U	370 U	760 U	370 U
2,4-Dichlorophenol	10	370 U	370 U	380 U	370 U	760 U	370 U
2,4-Dimethylphenol	10	370 U	370 U	380 U	370 U	760 U	370 U
2,4-Dinitrophenol	10	1800 U	1800 UJ (1)	1900 U	1800 UJ (1)	3700 U	1800 UJ (1)
2,4-Dinitrotoluene	10	370 U	370 U	380 U	370 U	760 U	370 U
2,6-Dinitrotoluene	10	370 U	370 U	380 U	370 U	760 U	370 U
2-Chloronaphthalene	10	370 U	370 U	380 U	370 U	760 U	370 U
2-Chlorophenol	10	370 U	370 U	380 U	370 U	760 U	370 U
2-Methylnaphthalene	10	370 U	370 U	380 U	370 U	760 U	370 U
2-Methylphenol	10	370 U	370 U	380 U	370 U	760 U	370 U
2-Nitroaniline	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
2-Nitrophenol	10	370 U	370 U	380 U	370 U	760 U	370 U
3,3'-Dichlorobenzidine	10	740 U	750 U	770 U	740 U	1500 U	730 U
3-Nitroaniline	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
4,6-Dinitro-2-Methylphenol	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
4-Bromophenyl-Phenylether	10	370 U	370 U	380 U	370 U	760 U	370 U
4-Chloro-3-Methylphenol	10	370 U	370 U	380 U	370 U	760 U	370 U
4-Chloroaniline	10	370 U	370 U	380 U	370 U	760 U	370 U
4-Chlorophenyl-Phenylether	10	370 U	370 U	380 U	370 U	760 U	370 U
4-Methylphenol	10	370 U	370 U	380 U	370 U	760 U	370 U
4-Nitroaniline	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
4-Nitrophenol	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
Acenaphthene	10	370 U	370 U	380 U	370 U	130 J	370 U
Acenaphthylene	10	370 U	370 U	380 U	370 U	760 U	370 U
Anthracene	10	370 U	370 U	380 U	370 U	450 J	370 U
Benzo(a)anthracene	10	120 J	39 J (1)	120 J	370 U	1100	48 J (1)
Benzo(a)pyrene	10	130 J	49 J (1)	120 J	370 U	880	43 J (1)
Benzo(b)fluoranthene	10	140 J	68 J (1)	130 J	370 U	880	54 J (1)
Benzo(g,h,i)perylene	10	43 J	370 U	54 J	370 U	390 J	370 U
Benzo(k)fluoranthene	10	110 J	56 J (2)	100 J	370 U	810	47 J (2)
Benzoic Acid	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
Benzyl Alcohol	10	370 U	370 U	380 U	370 U	760 U	370 U
Bis(2-ethylhexyl)phthalate	10	370 U	44 J (1)	52 J	370 U	760 U	370 U
Butylbenzylphthalate	10	370 U	370 U	380 U	370 U	760 U	370 U
Chrysene	10	130 J	68 J (1)	140 J	370 U	1000	65 J (1)
Di-n-butylphthalate	10	45 BJ	370 U	45 BJ	370 U	760 U	370 U
Di-n-octylphthalate	10	370 U	370 U	380 U	370 U	760 U	370 U
Dibenz(a,h)anthracene	10	370 U	370 U	380 U	370 U	760 U	370 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	2.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							

DATE ANALYZED:	09/15/91	09/16/91	09/16/91	09/15/91	09/17/91	09/15/91
PERCENTAGE MOISTURE:	11		14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	9SL-S12B	* 9SL-S13	9SL-S13B	* 9SL-S14	9SL-S14B	* 9SL-S15
	SAMPLE ID NUMBER:	9SL-S12B	910508-25	9SL-S13B	910508-26	9SL-S14B	910508-27
Dibenzofuran	10	370 U	370 U	380 U	370 U	120 J	370 U
Diethylphthalate	10	370 U	370 U	380 U	370 U	760 U	370 U
Dimethylphthalate	10	370 U	370 U	380 U	370 U	760 U	370 U
Fluoranthene	10	290 J	160 J (1)	250 J	70 J (1)	2300	140 J (1)
Fluorene	10	370 U	370 U	380 U	370 U	240 J	370 U
Hexachlorobenzene	10	370 U	370 U	380 U	370 U	760 U	370 U
Hexachlorobutadiene	10	370 U	370 U	380 U	370 U	760 U	370 U
Hexachlorocyclopentadiene	10	370 U	370 U	380 U	370 U	760 U	370 U
Hexachloroethane	10	370 U	370 U	380 U	370 U	760 U	370 U
Indeno(1,2,3-cd)pyrene	10	53 J	370 U	68 J	370 U	490 J	370 U
Isophorone	10	370 U	370 U	380 U	370 U	760 U	370 U
N-Nitroso-di-n-propylamine	10	370 U	370 U	380 U	370 U	760 U	370 U
N-nitrosodiphenylamine(1)	10	370 U	370 U	380 U	370 U	760 U	370 U
Naphthalene	10	370 U	370 U	380 U	370 U	760 U	370 U
Nitrobenzene	10	370 U	370 U	380 U	370 U	760 U	370 U
Pentachlorophenol	10	1800 U	1800 U	1900 U	1800 U	3700 U	1800 U
Phenanthrene	10	160 J	110 J (1)	150 J	42 J (1)	2300	44 J (1)
Phenol	10	370 U	370 U	380 U	370 U	760 U	370 U
Pyrene	10	270 J	110 J (1)	240 J	48 J (1)	2400	99 J (1)
bis(2-Chloroethoxy)methane	10	370 U	370 U	380 U	370 U	760 U	370 U
bis(2-Chloroethyl) ether	10	370 U	370 U	380 U	370 U	760 U	370 U
bis(2-Chloroisopropyl) ether	10	370 U	370 U	380 U	370 U	760 U	370 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	2.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/15/91	09/16/91	09/16/91	09/15/91	09/17/91	09/15/91
	PERCENTAGE MOISTURE:	11		14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-S15B	* 9SL-S16	9SL-S16B	* 9SL-S16D	* 9SL-S2	9SL-S2B
SAMPLE LOCATION:		9SL-S15B	* 9SL-S16	9SL-S16B	* 9SL-S16D	* 9SL-S2	9SL-S2B
SAMPLE ID NUMBER:		9SL-S15B	910508-28	9SL-S16B	910508-29	910508-14	9SL-S2B
1,2,4-Trichlorobenzene	10	360 U	390 U	370 U	380 U	370 U	390 U
1,2-Dichlorobenzene	10	360 U	390 U	370 U	380 U	370 U	45 J
1,3-Dichlorobenzene	10	360 U	390 U	370 U	380 U	370 U	390 U
1,4-Dichlorobenzene	10	360 U	68 J (1)	370 U	380 UJ (2)	370 U	390 U
2,4,5-Trichlorophenol	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
2,4,6-Trichlorophenol	10	360 U	390 U	370 U	380 U	370 U	390 U
2,4-Dichlorophenol	10	360 U	390 U	370 U	380 U	370 U	390 U
2,4-Dimethylphenol	10	360 U	390 U	370 U	380 U	370 U	390 U
2,4-Dinitrophenol	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
2,4-Dinitrotoluene	10	360 U	390 U	370 U	380 U	370 U	390 U
2,6-Dinitrotoluene	10	360 U	390 U	370 U	380 U	370 U	390 U
2-Chloronaphthalene	10	360 U	390 U	370 U	380 U	370 U	390 U
2-Chlorophenol	10	360 U	390 U	370 U	380 U	370 U	390 U
2-Methylnaphthalene	10	360 U	390 U	370 U	380 U	370 U	390 U
2-Methylphenol	10	360 U	390 U	370 U	380 U	370 U	390 U
2-Nitroaniline	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
2-Nitrophenol	10	360 U	390 U	370 U	380 U	370 U	390 U
3,3'-Dichlorobenzidine	10	730 U	780 U	740 U	770 U	740 U	780 U
3-Nitroaniline	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
4,6-Dinitro-2-Methylphenol	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
4-Bromophenyl-Phenylether	10	360 U	390 U	370 U	380 U	370 U	390 U
4-Chloro-3-Methylphenol	10	360 U	390 U	370 U	380 U	370 U	390 U
4-Chloroaniline	10	360 U	390 U	370 U	380 U	370 U	390 U
4-Chlorophenyl-Phenylether	10	360 U	390 U	370 U	380 U	370 U	390 U
4-Methylphenol	10	360 U	390 U	370 U	380 U	370 U	390 U
4-Nitroaniline	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
4-Nitrophenol	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
Acenaphthene	10	360 U	390 U	370 U	380 U	370 U	390 U
Acenaphthylene	10	360 U	390 U	370 U	380 U	370 U	390 U
Anthracene	10	360 U	390 U	370 U	380 U	370 U	390 U
Benzo(a)anthracene	10	150 J	390 U	120 J	380 U	49 J (1)	40 J
Benzo(a)pyrene	10	170 J	390 U	120 J	380 U	54 J (1)	44 J
Benzo(b)fluoranthene	10	180 J	45 J (1)	150 J	380 UJ (2)	76 J (1)	390 U
Benzo(g,h,i)perylene	10	79 J	390 U	370 U	380 U	370 U	390 U
Benzo(k)fluoranthene	10	130 J	390 U	130 J	380 U	44 J (2)	51 J
Benzoic Acid	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
Benzyl Alcohol	10	360 U	390 U	370 U	380 U	370 U	390 U
Bis(2-ethylhexyl)phthalate	10	360 U	47 J (1)	360 J	41 J (1)	42 J (1)	120 J
Butylbenzylphthalate	10	360 U	390 U	370 U	380 U	370 U	390 U
Chrysene	10	150 J	43 J (1)	140 J	380 UJ (2)	68 J (1)	47 J
Di-n-butylphthalate	10	55 BJ	390 U	72 BJ	380 U	370 U	73 BJ
Di-n-octylphthalate	10	360 U	390 U	370 U	380 U	370 U	390 U
Dibenz(a,h)anthracene	10	360 U	390 U	370 U	380 U	370 U	390 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							

DATE ANALYZED:	09/18/91	09/14/91	09/16/91	09/14/91	09/15/91	09/15/91
PERCENTAGE MOISTURE:	9		11			15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	9SL-S15B	* 9SL-S16	9SL-S16B	* 9SL-S16D	* 9SL-S2	9SL-S2B
	SAMPLE ID NUMBER:	9SL-S15B	910508-28	9SL-S16B	910508-29	910508-14	9SL-S2B
Dibenzofuran	10	360 U	390 U	370 U	380 U	370 U	390 U
Diethylphthalate	10	360 U	390 U	370 U	380 U	370 U	390 U
Dimethylphthalate	10	360 U	390 U	370 U	380 U	370 U	390 U
Fluoranthene	10	270 J	95 J (1)	230 J	70 J (1)	150 J (1)	89 J
Fluorene	10	360 U	390 U	370 U	380 U	370 U	390 U
Hexachlorobenzene	10	360 U	390 U	370 U	380 U	370 U	390 U
Hexachlorobutadiene	10	360 U	390 U	370 U	380 U	370 U	390 U
Hexachlorocyclopentadiene	10	360 U	390 U	370 U	380 U	370 UJ (1)	390 U
Hexachloroethane	10	360 U	390 U	370 U	380 U	370 U	390 U
Indeno(1,2,3-cd)pyrene	10	94 J	390 U	46 J	380 U	370 U	390 U
Isophorone	10	360 U	390 U	370 U	380 U	370 U	390 U
N-Nitroso-di-n-propylamine	10	360 U	390 U	370 U	380 U	370 U	390 U
N-nitrosodiphenylamine(1)	10	360 U	390 U	370 U	380 U	370 U	390 U
Naphthalene	10	360 U	390 U	370 U	380 U	370 U	390 U
Nitrobenzene	10	360 U	390 U	370 U	380 U	370 U	390 U
Pentachlorophenol	10	1800 U	1900 U	1800 U	1900 U	1800 U	1900 U
Phenanthrene	10	130 J	58 J (1)	130 J	44 J (1)	82 J (1)	65 J
Phenol	10	360 U	390 U	370 U	380 U	370 U	390 U
Pyrene	10	330 J	65 J (1)	240 J	50 J (1)	110 J (1)	84 J
bis(2-Chloroethoxy)methane	10	360 U	390 U	370 U	380 U	370 U	390 U
bis(2-Chloroethyl) ether	10	360 U	390 U	370 U	380 U	370 U	390 U
bis(2-Chloroisopropyl) ether	10	360 U	390 U	370 U	380 U	370 U	390 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/18/91	09/14/91	09/16/91	09/14/91	09/15/91	09/15/91
	PERCENTAGE MOISTURE:	9		11			15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* 9SL-S3	9SL-S3B	* 9SL-S4	9SL-S4B	* 9SL-S5	9SL-S5B
SAMPLE LOCATION:		* 9SL-S3	9SL-S3B	* 9SL-S4	9SL-S4B	* 9SL-S5	9SL-S5B
SAMPLE ID NUMBER:		910508-15	9SL-S3B	910508-16	9SL-S4B	910508-17	9SL-S5B
1,2,4-Trichlorobenzene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
1,2-Dichlorobenzene	10	370 U	3000 U	380 U	1900 U	380 U	41 J
1,3-Dichlorobenzene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
1,4-Dichlorobenzene	10	40 J (1)	3000 U	380 U	1900 U	43 J (1)	370 U
2,4,5-Trichlorophenol	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
2,4,6-Trichlorophenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2,4-Dichlorophenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2,4-Dimethylphenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2,4-Dinitrophenol	10	1800 U	15000 U	1800 UJ (1)	9400 U	1900 U	1800 U
2,4-Dinitrotoluene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2,6-Dinitrotoluene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2-Chloronaphthalene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2-Chlorophenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2-Methylnaphthalene	10	370 U	630 J	380 U	460 J	380 U	370 U
2-Methylphenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
2-Nitroaniline	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
2-Nitrophenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
3,3'-Dichlorobenzidine	10	740 U	6000 U	760 U	3900 U	770 U	750 U
3-Nitroaniline	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
4,6-Dinitro-2-Methylphenol	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
4-Bromophenyl-Phenylether	10	370 U	3000 U	380 U	1900 U	380 U	370 U
4-Chloro-3-Methylphenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
4-Chloroaniline	10	370 U	3000 U	380 U	1900 U	380 U	370 U
4-Chlorophenyl-Phenylether	10	370 U	3000 U	380 U	1900 U	380 U	370 U
4-Methylphenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
4-Nitroaniline	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
4-Nitrophenol	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
Acenaphthene	10	370 U	3200	380 U	1400 J	380 U	110 J
Acenaphthylene	10	370 U	3000 U	380 U	1900 U	380 U	38 J
Anthracene	10	370 U	8300	380 U	4100	380 U	440
Benzo(a)anthracene	10	48 J (1)	12000	46 J (1)	8200	380 U	1100
Benzo(a)pyrene	10	62 J (1)	9300	59 J (1)	7000	380 U	870
Benzo(b)fluoranthene	10	82 J (1)	11000	84 J (1)	7500	46 J (1)	890
Benzo(g,h,i)perylene	10	39 J (1)	2400 J	380 U	2200	380 U	280 J
Benzo(k)fluoranthene	10	65 J (2)	7400	44 J (2)	6200	380 U	780
Benzoic Acid	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
Benzyl Alcohol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Bis(2-ethylhexyl)phthalate	10	48 J (1)	3000 U	380 U	1900 U	380 U	87 J
Butylbenzylphthalate	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Chrysene	10	84 J (1)	11000	85 J (1)	7700	47 J (1)	1000
Di-n-butylphthalate	10	370 U	3000 U	380 U	1900 U	380 U	89 BJ
Di-n-octylphthalate	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Dibenz(a,h)anthracene	10	370 U	420 J	380 U	320 J	380 U	93 J
DILUTION FACTOR:		1.0	8.0	1.0	5.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							

DATE ANALYZED:	09/14/91	09/16/91	09/16/91	09/15/91	09/15/91	09/14/91
PERCENTAGE MOISTURE:		12		15		12

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	* 9SL-S3	9SL-S3B	* 9SL-S4	9SL-S4B	* 9SL-S5	9SL-S5B
	SAMPLE ID NUMBER:	910508-15	9SL-S3B	910508-16	9SL-S4B	910508-17	9SL-S5B
Dibenzofuran	10	370 U	3600	380 U	1100 J	380 U	73 J
Diethylphthalate	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Dimethylphthalate	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Fluoranthene	10	190 J (1)	28000	200 J (1)	18000	85 J (1)	2000
Fluorene	10	370 U	4900	380 U	1600 J	380 U	150 J
Hexachlorobenzene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Hexachlorobutadiene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Hexachlorocyclopentadiene	10	370 U	3000 U	380 U	1900 U	380 UJ (1)	370 U
Hexachloroethane	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Indeno(1,2,3-cd)pyrene	10	45 J (1)	3500	380 U	2900	380 U	370 J
Isophorone	10	370 U	3000 U	380 U	1900 U	380 U	370 U
N-Nitroso-di-n-propylamine	10	370 U	3000 U	380 U	1900 U	380 U	370 U
N-nitrosodiphenylamine(1)	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Naphthalene	10	370 U	1200 J	380 U	690 J	380 U	370 U
Nitrobenzene	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Pentachlorophenol	10	1800 U	15000 U	1800 U	9400 U	1900 U	1800 U
Phenanthrene	10	120 J (1)	34000	150 J (1)	17000	60 J (1)	1700
Phenol	10	370 U	3000 U	380 U	1900 U	380 U	370 U
Pyrene	10	130 J (1)	25000	140 J (1)	15000	87 J (1)	2300
bis(2-Chloroethoxy)methane	10	370 U	3000 U	380 U	1900 U	380 U	370 U
bis(2-Chloroethyl) ether	10	370 U	3000 U	380 U	1900 U	380 U	370 U
bis(2-Chloroisopropyl) ether	10	370 U	3000 U	380 U	1900 U	380 U	370 U
	DILUTION FACTOR:	1.0	8.0	1.0	5.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/14/91	09/16/91	09/16/91	09/15/91	09/15/91	09/14/91
	PERCENTAGE MOISTURE:		12		15		12

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* 9SL-S6	9SL-S6B	9SL-S6BD	* 9SL-S7	9SL-S7B	* 9SL-S8
SAMPLE ID NUMBER:		910508-18	9SL-S6B	9SL-S6BD	910508-19	9SL-S7B	910508-20
1,2,4-Trichlorobenzene	10	360 U	19000 U	7500 U	380 U	150 J	370 U
1,2-Dichlorobenzene	10	360 U	19000 U	7500 U	380 U	330 J	370 U
1,3-Dichlorobenzene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
1,4-Dichlorobenzene	10	46 J (1)	19000 U	7500 U	380 U	740 U	39 J (1)
2,4,5-Trichlorophenol	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
2,4,6-Trichlorophenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2,4-Dichlorophenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2,4-Dimethylphenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2,4-Dinitrophenol	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 UJ (1)
2,4-Dinitrotoluene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2,6-Dinitrotoluene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2-Chloronaphthalene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2-Chlorophenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2-Methylnaphthalene	10	360 U	9500 J	4300 J	380 U	740 U	370 U
2-Methylphenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
2-Nitroaniline	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
2-Nitrophenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
3,3'-Dichlorobenzidine	10	730 U	38000 U	15000 U	760 U	1500 U	750 U
3-Nitroaniline	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
4,6-Dinitro-2-Methylphenol	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
4-Bromophenyl-Phenylether	10	360 U	19000 U	7500 U	380 U	740 U	370 U
4-Chloro-3-Methylphenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
4-Chloroaniline	10	360 U	19000 U	7500 U	380 U	740 U	370 U
4-Chlorophenyl-Phenylether	10	360 U	19000 U	7500 U	380 U	740 U	370 U
4-Methylphenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
4-Nitroaniline	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
4-Nitrophenol	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
Acenaphthene	10	360 U	33000	13000	380 U	740 U	370 U
Acenaphthylene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Anthracene	10	360 U	66000	27000	380 U	740 U	370 U
Benzo(a)anthracene	10	50 J (1)	65000	24000	380 U	280 J	370 U
Benzo(a)pyrene	10	57 J (1)	48000	20000	380 U	310 J	370 U
Benzo(b)fluoranthene	10	77 J (1)	58000	17000	45 J (1)	330 J	53 J (1)
Benzo(g,h,i)perylene	10	360 U	13000 J	6400 J	380 U	98 J	370 U
Benzo(k)fluoranthene	10	53 J (2)	31000	18000	40 J (2)	320 J	370 U
Benzoic Acid	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
Benzyl Alcohol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Bis(2-ethylhexyl)phthalate	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Butylbenzylphthalate	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Chrysene	10	77 J 91)	52000	21000	49 J (1)	300 J	53 J (1)
Di-n-butylphthalate	10	360 U	19000 U	7500 U	370 J (1)	740 U	370 U
Di-n-octylphthalate	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Dibenz(a,h)anthracene	10	360 U	4800 J	810 J	380 U	740 U	370 U
DILUTION FACTOR:		1.0	50.0	20.0	1.0	2.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							

DATE ANALYZED:	09/15/91	09/21/91	09/15/91	09/15/91	09/16/91	09/15/91
PERCENTAGE MOISTURE:		13	12		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	* 9SL-S6	9SL-S6B	9SL-S6BD	* 9SL-S7	9SL-S7B	* 9SL-S8
	SAMPLE ID NUMBER:	910508-18	9SL-S6B	9SL-S6BD	910508-19	9SL-S7B	910508-20
Dibenzofuran	10	360 U	29000	11000	380 U	740 U	370 U
Diethylphthalate	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Dimethylphthalate	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Fluoranthene	10	190 J (1)	150000	62000	100 J (1)	440 J	120 J (1)
Fluorene	10	360 U	41000	16000	380 U	740 U	370 U
Hexachlorobenzene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Hexachlorobutadiene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Hexachlorocyclopentadiene	10	360 UJ (1)	19000 U	7500 U	380 UJ (1)	740 U	370 U
Hexachloroethane	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Indeno(1,2,3-cd)pyrene	10	39 J (1)	19000	8600	380 U	120 J	370 U
Isophorone	10	360 U	19000 U	7500 U	380 U	740 U	370 U
N-Nitroso-di-n-propylamine	10	360 U	19000 U	7500 U	380 U	740 U	370 U
N-nitrosodiphenylamine(1)	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Naphthalene	10	360 U	13000 J	5900 J	380 U	740 U	370 U
Nitrobenzene	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Pentachlorophenol	10	1800 U	92000 U	36000 U	1800 U	3600 U	1800 U
Phenanthrene	10	150 J (1)	210000	92000	68 J (1)	190 J	75 J (1)
Phenol	10	360 U	19000 U	7500 U	380 U	740 U	370 U
Pyrene	10	130 J (1)	140000	48000	75 J (1)	490 J	77 J (1)
bis(2-Chloroethoxy)methane	10	360 U	19000 U	7500 U	380 U	740 U	370 U
bis(2-Chloroethyl) ether	10	360 U	19000 U	7500 U	380 U	740 U	370 U
bis(2-Chloroisopropyl) ether	10	360 U	19000 U	7500 U	380 U	740 U	370 U
	DILUTION FACTOR:	1.0	50.0	20.0	1.0	2.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/15/91	09/21/91	09/15/91	09/15/91	09/16/91	09/15/91
	PERCENTAGE MOISTURE:		13	12		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S8B	* 9SL-S9	9SL-S9B	9SL-SS-1	9SL-SS-3	9SL-SS-4
	SAMPLE ID NUMBER:	9SL-S8B	910508-21	9SL-S9B	910519-03	910519-05	910519-07
1,2,4-Trichlorobenzene	10	370 U	350 U	390 U	460 U	1700 U	850 U
1,2-Dichlorobenzene	10	39 J	350 U	390 U	460 U	1700 U	850 U
1,3-Dichlorobenzene	10	370 U	350 U	390 U	460 U	1700 U	850 U
1,4-Dichlorobenzene	10	370 U	350 U	390 U	460 U	1700 U	850 U
2,4,5-Trichlorophenol	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
2,4,6-Trichlorophenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
2,4-Dichlorophenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
2,4-Dimethylphenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
2,4-Dinitrophenol	10	1800 U	1700 UJ (1)	1900 U	2300 U	8300 U	4100 U
2,4-Dinitrotoluene	10	370 U	350 U	390 U	460 U	1700 U	850 U
2,6-Dinitrotoluene	10	370 U	350 U	390 U	460 U	1700 U	850 U
2-Chloronaphthalene	10	370 U	350 U	390 U	460 U	1700 U	850 U
2-Chlorophenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
2-Methylnaphthalene	10	370 U	350 U	390 U	460 U	1700 U	850 U
2-Methylphenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
2-Nitroaniline	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
2-Nitrophenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
3,3'-Dichlorobenzidine	10	740 U	700 U	780 U	930 U	3400 U	1700 U
3-Nitroaniline	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
4,6-Dinitro-2-Methylphenol	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
4-Bromophenyl-Phenylether	10	370 U	350 U	390 U	460 U	1700 U	850 U
4-Chloro-3-Methylphenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
4-Chloroaniline	10	370 U	350 U	390 U	460 U	1700 U	850 U
4-Chlorophenyl-Phenylether	10	370 U	350 U	390 U	460 U	1700 U	850 U
4-Methylphenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
4-Nitroaniline	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
4-Nitrophenol	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
Acenaphthene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Acenaphthylene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Anthracene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Benzo(a)anthracene	10	110 U	42 J (1)	99 J	460 U	1700 U	300 J
Benzo(a)pyrene	10	120 J	47 J (1)	120 J	460 U	1700 U	350 J
Benzo(b)fluoranthene	10	370 U	59 J (1)	120 J	460 U	1700 U	400 J
Benzo(g,h,i)perylene	10	50 J	350 U	46 J	460 U	1700 U	110 J
Benzo(k)fluoranthene	10	370 U	55 J (2)	100 J	460 U	1700 U	430 J
Benzoic Acid	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
Benzyl Alcohol	10	370 U	350 U	390 U	460 U	1700 U	850 U
Bis(2-ethylhexyl)phthalate	10	38 J	350 U	68 J	460 U	1700 U	850 U
Butylbenzylphthalate	10	370 U	350 U	390 U	460 U	1700 U	850 U
Chrysene	10	110 U	66 J (1)	120 J	460 U	1700 U	410 J
Di-n-butylphthalate	10	88 BJ	350 U	85 BJ	460 U	1700 U	850 U
Di-n-octylphthalate	10	370 U	350 U	390 U	460 U	1700 U	850 U
Dibenz(a,h)anthracene	10	370 U	350 U	390 U	460 U	1700 U	850 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	4.0	2.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/16/91	09/16/91	09/16/91
	DATE EXTRACTED:						

DATE ANALYZED:	09/15/91	09/16/91	09/15/91	09/21/91	09/21/91	09/21/91
PERCENTAGE MOISTURE:	11		15	29	23	22

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	9SL-S8B	* 9SL-S9	9SL-S9B	9SL-SS-1	9SL-SS-3	9SL-SS-4
	SAMPLE ID NUMBER:	9SL-S8B	910508-21	9SL-S9B	910519-03	910519-05	910519-07
Dibenzofuran	10	370 U	350 U	390 U	460 U	1700 U	850 U
Diethylphthalate	10	370 U	350 U	390 U	460 U	1700 U	850 U
Dimethylphthalate	10	370 U	350 U	390 U	460 U	1700 U	850 U
Fluoranthene	10	220 J	150 J (1)	240 J	460 U	1700 U	920
Fluorene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Hexachlorobenzene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Hexachlorobutadiene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Hexachlorocyclopentadiene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Hexachloroethane	10	370 U	350 U	390 U	460 U	1700 U	850 U
Indeno(1,2,3-cd)pyrene	10	59 J	350 U	58 J	460 U	1700 U	140 J
Isophorone	10	370 U	350 U	390 U	460 U	1700 U	850 U
N-Nitroso-di-n-propylamine	10	370 U	350 U	390 U	460 U	1700 U	850 U
N-nitrosodiphenylamine(1)	10	370 U	350 U	390 U	460 U	1700 U	850 U
Naphthalene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Nitrobenzene	10	370 U	350 U	390 U	460 U	1700 U	850 U
Pentachlorophenol	10	1800 U	1700 U	1900 U	2300 U	8300 U	4100 U
Phenanthrene	10	140 J	83 J (1)	150 J	460 U	1700 U	730 J
Phenol	10	370 U	350 U	390 U	460 U	1700 U	850 U
Pyrene	10	210 J	100 J (1)	220 J	460 U	1700 U	960
bis(2-Chloroethoxy)methane	10	370 U	350 U	390 U	460 U	1700 U	850 U
bis(2-Chloroethyl) ether	10	370 U	350 U	390 U	460 U	1700 U	850 U
bis(2-Chloroisopropyl) ether	10	370 U	350 U	390 U	460 U	1700 U	850 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	4.0	2.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/16/91	09/16/91	09/16/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/15/91	09/16/91	09/15/91	09/21/91	09/21/91	09/21/91
	PERCENTAGE MOISTURE:	11		15	29	23	22

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-SS-5	9SL-SS-6	9SL-SS-7	9SL-TP1-S1	9SL-TP2-S1	9SL-TP2-S2
SAMPLE ID NUMBER:		910519-09	910526-07	910526-08	910512-06	910512-08	910512-09
1,2,4-Trichlorobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
1,2-Dichlorobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
1,3-Dichlorobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
1,4-Dichlorobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2,4,5-Trichlorophenol	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
2,4,6-Trichlorophenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2,4-Dichlorophenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2,4-Dimethylphenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2,4-Dinitrophenol	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
2,4-Dinitrotoluene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2,6-Dinitrotoluene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2-Chloronaphthalene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2-Chlorophenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2-Methylnaphthalene	10	1600 U	2300 U	2500 U	1100 U	410 U	55 J
2-Methylphenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
2-Nitroaniline	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
2-Nitrophenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
3,3'-Dichlorobenzidine	10	3200 U	4600 U	5100 U	2300 U	820 U	790 U
3-Nitroaniline	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
4,6-Dinitro-2-Methylphenol	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
4-Bromophenyl-Phenylether	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
4-Chloro-3-Methylphenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
4-Chloroaniline	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
4-Chlorophenyl-Phenylether	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
4-Methylphenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
4-Nitroaniline	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
4-Nitrophenol	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
Acenaphthene	10	1600 U	670 J	2500 U	1100 U	410 U	390 U
Acenaphthylene	10	1600 U	340 J	2500 U	1100 U	410 U	390 U
Anthracene	10	1600 U	14000 J	2500 U	1100 U	410 U	200 J
Benzo(a)anthracene	10	1600 U	6300	760 J	1100 U	91 J	850
Benzo(a)pyrene	10	1600 U	8000	1300 J	1100 U	87 J	670
Benzo(b)fluoranthene	10	1600 U	10000	1700 J	1100 U	88 J	890
Benzo(g,h,i)perylene	10	1600 U	3300	490 J	1100 U	410 U	230 J
Benzo(k)fluoranthene	10	1600 U	5700	1600 J	1100 U	86 J	530
Benzoic Acid	10	710 J	11000 U	12000 U	5500 U	2000 U	1900 U
Benzyl Alcohol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Bis(2-ethylhexyl)phthalate	10	1600 U	1800 BJ	4300 B	1100 U	51 J	860
Butylbenzylphthalate	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Chrysene	10	1600 U	9300	1400 J	1100 U	97 J	960
Di-n-butylphthalate	10	1600 U	2300 U	2500 U	1100 U	43 BJ	62 BJ
Di-n-octylphthalate	10	1600 U	310 BJ	2500 U	1100 U	410 U	390 U
Dibenz(a,h)anthracene	10	1600 U	260 J	2500 U	1100 U	410 U	390 U
DILUTION FACTOR:		2.0	4.0	2.0	3.0	1.0	1.0
DATE SAMPLED:		09/16/91	09/18/91	09/18/91	09/09/91	09/11/91	09/11/91
DATE EXTRACTED:							

DATE ANALYZED:	09/24/91	10/01/91	09/28/91	09/14/91	09/14/91	09/16/91
PERCENTAGE MOISTURE:	59	43	74	13	20	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	9SL-SS-5	9SL-SS-6	9SL-SS-7	9SL-TP1-S1	9SL-TP2-S1	9SL-TP2-S2
	SAMPLE ID NUMBER:	910519-09	910526-07	910526-08	910512-06	910512-08	910512-09
Dibenzofuran	10	1600 U	910 J	2500 U	1100 U	410 U	390 U
Diethylphthalate	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Dimethylphthalate	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Fluoranthene	10	210 J	23000	2600	1100 U	180 J	1600
Fluorene	10	1600 U	1800 J	2500 U	1100 U	410 U	390 U
Hexachlorobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Hexachlorobutadiene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Hexachlorocyclopentadiene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Hexachloroethane	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Indeno(1,2,3-cd)pyrene	10	1600 U	4100	670 J	1100 U	44 J	310 J
Isophorone	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
N-Nitroso-di-n-propylamine	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
N-nitrosodiphenylamine(1)	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Naphthalene	10	1600 U	360 J	2500 U	1100 U	410 U	390 U
Nitrobenzene	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Pentachlorophenol	10	7800 U	11000 U	12000 U	5500 U	2000 U	1900 U
Phenanthrene	10	1600 U	20000	1600 J	1100 U	100 J	820
Phenol	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
Pyrene	10	200 J	21000	2900	1100 U	170 J	1500
bis(2-Chloroethoxy)methane	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
bis(2-Chloroethyl) ether	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
bis(2-Chloroisopropyl) ether	10	1600 U	2300 U	2500 U	1100 U	410 U	390 U
	DILUTION FACTOR:	2.0	4.0	2.0	3.0	1.0	1.0
	DATE SAMPLED:	09/16/91	09/18/91	09/18/91	09/09/91	09/11/91	09/11/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/24/91	10/01/91	09/28/91	09/14/91	09/14/91	09/16/91
	PERCENTAGE MOISTURE:	59	43	74	13	20	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-TP3-S1	9SL-TP4-S1	9SL-TP4-S2	9SL-TP4-S3	9SL-TP4-S4
SAMPLE ID NUMBER:		910512-16	910512-11	91052-12	910512-13	910512-14
1,2,4-Trichlorobenzene	10	380 U	410 U	1200 U	1100 U	400 U
1,2-Dichlorobenzene	10	380 U	410 U	3600	1100 U	400 U
1,3-Dichlorobenzene	10	380 U	410 U	1200 U	1100 U	400 U
1,4-Dichlorobenzene	10	380 U	410 U	880 J	1100 U	400 U
2,4,5-Trichlorophenol	10	1900 U	2000 U	5900 U	5500 U	1900 U
2,4,6-Trichlorophenol	10	380 U	410 U	1200 U	1100 U	400 U
2,4-Dichlorophenol	10	380 U	410 U	1200 U	1100 U	400 U
2,4-Dimethylphenol	10	380 U	410 U	1200 U	1100 U	400 U
2,4-Dinitrophenol	10	1900 U	2000 U	5900 U	5500 U	1900 U
2,4-Dinitrotoluene	10	380 U	410 U	1200 U	1100 U	400 U
2,6-Dinitrotoluene	10	380 U	410 U	1200 U	1100 U	400 U
2-Chloronaphthalene	10	380 U	410 U	1200 U	1100 U	400 U
2-Chlorophenol	10	380 U	410 U	1200 U	1100 U	400 U
2-Methylnaphthalene	10	380 U	330 J	980 J	290 J	400 U
2-Methylphenol	10	380 U	410 U	1200 U	1100 U	400 U
2-Nitroaniline	10	1900 U	2000 U	5900 U	5500 U	1900 U
2-Nitrophenol	10	380 U	410 U	1200 U	1100 U	400 U
3,3'-Dichlorobenzidine	10	770 U	820 U	2400 U	2200 U	800 U
3-Nitroaniline	10	1900 U	2000 U	5900 U	5500 U	1900 U
4,6-Dinitro-2-Methylphenol	10	1900 U	2000 U	5900 U	5500 U	1900 U
4-Bromophenyl-Phenylether	10	380 U	410 U	1200 U	1100 U	400 U
4-Chloro-3-Methylphenol	10	380 U	410 U	1200 U	1100 U	400 U
4-Chloroaniline	10	380 U	410 U	1200 U	1100 U	400 U
4-Chlorophenyl-Phenylether	10	380 U	410 U	1200 U	1100 U	400 U
4-Methylphenol	10	380 U	410 U	1200 U	1100 U	400 U
4-Nitroaniline	10	1900 U	2000 U	5900 U	5500 U	1900 U
4-Nitrophenol	10	1900 U	2000 U	5900 U	5500 U	1900 U
Acenaphthene	10	380 U	410 U	1200 U	130 J	400 U
Acenaphthylene	10	380 U	410 U	1200 U	280 J	400 U
Anthracene	10	380 U	410 U	1200 U	850 J	400 U
Benzo(a)anthracene	10	380 U	410 U	1200 U	5600	400 U
Benzo(a)pyrene	10	380 U	410 U	1200 U	5100	400 U
Benzo(b)fluoranthene	10	380 U	410 U	1200 U	7100	400 U
Benzo(g,h,i)perylene	10	380 U	410 U	1200 U	1300	400 U
Benzo(k)fluoranthene	10	380 U	410 U	1200 U	3600	400 U
Benzoic Acid	10	1900 U	2000 U	5900 U	5500 U	1900 U
Benzyl Alcohol	10	380 U	410 U	1200 U	1100 U	400 U
Bis(2-ethylhexyl)phthalate	10	380 U	46 J	130 J	1100 U	400 U
Butylbenzylphthalate	10	380 U	410 U	1200 U	1100 U	400 U
Chrysene	10	380 U	410 U	1200 U	5000	400 U
Di-n-butylphthalate	10	380 U	60 BJ	1200 U	1100 U	400 U
Di-n-octylphthalate	10	380 U	410 U	1200 U	1100 U	400 U
Dibenz(a,h)anthracene	10	380 U	410 U	1200 U	180 J	400 U
DILUTION FACTOR:		1.0	1.0	3.0	3.0	1.0
DATE SAMPLED:		09/12/91	09/11/91	09/11/91	09/11/91	09/11/91
DATE EXTRACTED:						

DATE ANALYZED:	09/18/91	09/13/91	09/14/91	09/16/91	09/13/91
PERCENTAGE MOISTURE:	14	20	19	12	17

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
SEMI-VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	9SL-TP3-S1	9SL-TP4-S1	9SL-TP4-S2	9SL-TP4-S3	9SL-TP4-S4
	SAMPLE ID NUMBER:	910512-16	910512-11	91052-12	910512-13	910512-14
Dibenzofuran	10	380 U	410 U	1200 U	140 J	400 U
Diethylphthalate	10	380 U	410 U	1200 U	1100 U	400 U
Dimethylphthalate	10	380 U	410 U	1200 U	1100 U	400 U
Fluoranthene	10	380 U	42 J	1200 U	8200	400 U
Fluorene	10	380 U	410 U	1200 U	200 J	400 U
Hexachlorobenzene	10	380 U	410 U	1200 U	1100 U	400 U
Hexachlorobutadiene	10	380 U	410 U	1200 U	1100 U	400 U
Hexachlorocyclopentadiene	10	380 U	410 U	1200 U	1100 U	400 U
Hexachloroethane	10	380 U	410 U	1200 U	1100 U	400 U
Indeno(1,2,3-cd)pyrene	10	380 U	410 U	1200 U	1800	400 U
Isophorone	10	380 U	410 U	1200 U	1100 U	400 U
N-Nitroso-di-n-propylamine	10	380 U	410 U	1200 U	1100 U	400 U
N-nitrosodiphenylamine(1)	10	380 U	410 U	1200 U	1100 U	400 U
Naphthalene	10	380 U	2000	7400	210 J	400 U
Nitrobenzene	10	380 U	410 U	1200 U	1100 U	400 U
Pentachlorophenol	10	1900 U	2000 U	5900 U	5500 U	1900 U
Phenanthrene	10	380 U	410 U	1200 U	3100	400 U
Phenol	10	380 U	410 U	1200 U	1100 U	400 U
Pyrene	10	380 U	410 U	1200 U	9300	400 U
bis(2-Chloroethoxy)methane	10	380 U	410 U	1200 U	1100 U	400 U
bis(2-Chloroethyl) ether	10	380 U	410 U	1200 U	1100 U	400 U
bis(2-Chloroisopropyl) ether	10	380 U	410 U	1200 U	1100 U	400 U
	DILUTION FACTOR:	1.0	1.0	3.0	3.0	1.0
	DATE SAMPLED:	09/12/91	09/11/91	09/11/91	09/11/91	09/11/91
	DATE EXTRACTED:					
	DATE ANALYZED:	09/18/91	09/13/91	09/14/91	09/16/91	09/13/91
	PERCENTAGE MOISTURE:	14	20	19	12	17

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* 9SL-S1	* 9SL-S10	9SL-S10B	* 9SL-S11	9SL-S11B	* 9SL-S12
SAMPLE LOCATION:		* 9SL-S1	* 9SL-S10	9SL-S10B	* 9SL-S11	9SL-S11B	* 9SL-S12
SAMPLE ID NUMBER:		910508-13	910508-22	9SL-S10B	910508-23	9SL-S11B	910508-24
4,4'-DDD	0.05	18 U	19 U	18 U	18 U	18 U	18 U
4,4'-DDE	0.05	18 U	19 U	18 U	18 U	18 U	18 U
4,4'-DDT	0.05	18 U	19 U	18 U	18 U	18 U	18 U
Aldrin	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
Aroclor-1016	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Aroclor-1221	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Aroclor-1232	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Aroclor-1242	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Aroclor-1248	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Aroclor-1254	0.05	180 U	190 U	180 U	180 U	180 U	180 U
Aroclor-1260	0.05	180 U	190 U	180 U	180 U	180 U	180 U
Dieldrin	0.05	68	41	95	18 U	120	25
Endosulfan I	0.05	9.1 U	9.3 U	9.2 U	9.0 U	23	9.0 U
Endosulfan II	0.05	18 U	19 U	18 U	18 U	18 U	18 U
Endosulfan Sulfate	0.05	18 U	19 U	18 U	18 U	18 U	18 U
Endrin	0.05	18 U	19 U	18 U	18 U	18 U	18 U
Endrin Ketone	0.05	18 U	19 U	18 U	18 U	18 U	18 U
Heptachlor	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
Heptachlor Epoxide	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
Methoxychlor	0.05	91 U	93 U	92 U	90 U	90 U	90 U
Toxaphene	0.05	180 U	190 U	180 U	180 U	180 U	180 U
alpha-BHC	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
alpha-Chlordane	0.05	91 U	93 U	92 U	90 U	90 U	90 U
beta-BHC	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
delta-BHC	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
gamma-BHC(Lindane)	0.05	9.1 U	9.3 U	9.2 U	9.0 U	9.0 U	9.0 U
gamma-Chlordane	0.05	91 U	93 U	92 U	90 U	90 U	90 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							
DATE ANALYZED:		10/01/91	10/02/91	10/03/91	10/02/91	10/03/91	10/02/91
PERCENTAGE MOISTURE:				14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S12B	* 9SL-S13	9SL-S13B	* 9SL-S14	9SL-S14B	* 9SL-S15
	SAMPLE ID NUMBER:	9SL-S12B	910508-25	9SL-S1B	910508-26	9SL-S1B	910508-27
4,4'-DDD	0.05	18 U	18 U	18 U	18 U	18 U	18 U
4,4'-DDE	0.05	18 U	18 U	18 U	18 U	18 U	18 U
4,4'-DDT	0.05	18 U	18 U	18 U	18 U	18 U	18 U
Aldrin	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
Aroclor-1016	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Aroclor-1221	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Aroclor-1232	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Aroclor-1242	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Aroclor-1248	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Aroclor-1254	0.05	180 U	180 U	180 U	180 U	180 U	180 U
Aroclor-1260	0.05	180 U	180 U	180 U	180 U	180 U	180 U
Dieldrin	0.05	27	73	130	18 U	150	18 U
Endosulfan I	0.05	9.0 U	9.1 U	30	8.9 U	9.1 U	8.9 U
Endosulfan II	0.05	18 U	18 U	18 U	18 U	18 U	18 U
Endosulfan Sulfate	0.05	18 U	18 U	18 U	18 U	18 U	18 U
Endrin	0.05	18 U	18 U	18 U	18 U	18 U	18 U
Endrin Ketone	0.05	18 U	18 U	18 U	18 U	18 U	18 U
Heptachlor	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
Heptachlor Epoxide	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
Methoxychlor	0.05	90 U	91 U	92 U	89 U	91 U	89 U
Toxaphene	0.05	180 U	180 U	180 U	180 U	180 U	180 U
alpha-BHC	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
alpha-Chlordane	0.05	90 U	91 U	92 U	89 U	91 U	89 U
beta-BHC	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
delta-BHC	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
gamma-BHC(Lindane)	0.05	9.0 U	9.1 U	9.2 U	8.9 U	9.1 U	8.9 U
gamma-Chlordane	0.05	90 U	91 U	92 U	89 U	91 U	89 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	5.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/03/91	10/02/91	10/03/91	10/02/91	10/09/91	10/02/91
	PERCENTAGE MOISTURE:	11		14		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S15B	* 9SL-S16	9SL-S16B	* 9SL-S16D	* 9SL-S2	9SL-S2B
	SAMPLE ID NUMBER:	9SL-S15B	910508-28	9SL-S16B	910508-29	910508-14	9SL-S2B
4,4'-DDD	0.05	17 U	19 U	18 U	19 U	18 U	19 U
4,4'-DDE	0.05	17 U	19 U	18 U	19 U	18 U	19 U
4,4'-DDT	0.05	17 U	19 U	18 U	19 U	18 U	19 U
Aldrin	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
Aroclor-1016	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Aroclor-1221	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Aroclor-1232	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Aroclor-1242	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Aroclor-1248	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Aroclor-1254	0.05	170 U	190 U	180 U	190 U	180 U	190 U
Aroclor-1260	0.05	170 U	190 U	180 U	190 U	180 U	190 U
Dieldrin	0.05	17 U	19 U	18 U	19 U	37	63
Endosulfan I	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
Endosulfan II	0.05	17 U	19 U	18 U	19 U	18 U	19 U
Endosulfan Sulfate	0.05	17 U	19 U	18 U	19 U	18 U	19 U
Endrin	0.05	17 U	19 U	18 U	19 U	18 U	19 U
Endrin Ketone	0.05	17 U	19 U	18 U	19 U	18 U	19 U
Heptachlor	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
Heptachlor Epoxide	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
Methoxychlor	0.05	87 U	94 U	89 U	93 U	90 U	93 U
Toxaphene	0.05	170 U	190 U	180 U	190 U	180 U	190 U
alpha-BHC	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
alpha-Chlordane	0.05	87 U	94 U	89 U	93 U	90 U	93 U
beta-BHC	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
delta-BHC	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
gamma-BHC(Lindane)	0.05	8.7 U	9.4 U	8.9 U	9.3 U	9.0 U	9.3 U
gamma-Chlordane	0.05	87 U	94 U	89 U	93 U	90 U	93 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/03/91	10/02/91	10/03/91	10/02/91	10/01/91	10/03/91
	PERCENTAGE MOISTURE:	9		11			15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* 9SL-S3	9SL-S3B	* 9SL-S4	9SL-S4B	* 9SL-S5	9SL-S5B
	SAMPLE ID NUMBER:	910508-15	9SL-S3B	910508-16	9SL-S4B	910508-17	9SL-S5B
4,4'-DDD	0.05	18 U	18 U	18 U	19 U	18 U	18 U
4,4'-DDE	0.05	18 U	18 U	18 U	19 U	18 U	18 U
4,4'-DDT	0.05	18 U	18 U	18 U	19 U	18 U	18 U
Aldrin	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
Aroclor-1016	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Aroclor-1221	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Aroclor-1232	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Aroclor-1242	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Aroclor-1248	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Aroclor-1254	0.05	180 U	180 U	180 U	190 U	180 U	180 U
Aroclor-1260	0.05	180 U	180 U	180 U	190 U	180 U	180 U
Dieldrin	0.05	140	210	75	230	47	140
Endosulfan I	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
Endosulfan II	0.05	18 U	18 U	18 U	19 U	18 U	18 U
Endosulfan Sulfate	0.05	18 U	18 U	18 U	19 U	18 U	18 U
Endrin	0.05	18 U	18 U	18 U	19 U	18 U	18 U
Endrin Ketone	0.05	18 U	18 U	18 U	19 U	18 U	18 U
Heptachlor	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
Heptachlor Epoxide	0.05	12	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
Methoxychlor	0.05	90 U	90 U	92 U	93 U	92 U	90 U
Toxaphene	0.05	180 U	180 U	180 U	190 U	180 U	180 U
alpha-BHC	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
alpha-Chlordane	0.05	90 U	90 U	92 U	93 U	92 U	90 U
beta-BHC	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
delta-BHC	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
gamma-BHC(Lindane)	0.05	9.0 U	9.0 U	9.2 U	9.3 U	9.2 U	9.0 U
gamma-Chlordane	0.05	90 U	90 U	92 U	93 U	92 U	90 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/01/91	10/03/91	10/01/91	10/03/91	10/01/91	10/03/91
	PERCENTAGE MOISTURE:		12		15		12

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* 9SL-S6	9SL-S6B	9SL-S6BD	* 9SL-S7	9SL-S7B	* 9SL-S8
	SAMPLE ID NUMBER:	910508-18	9SL-S6B	9SL-S6BD	910508-19	9SL-S7B	910508-20
4,4'-DDD	0.05	18 U	180 U	180 U	18 U	89 U	18 U
4,4'-DDE	0.05	18 U	180 U	180 U	18 U	89 U	18 U
4,4'-DDT	0.05	18 U	180 U	180 U	18 U	89 U	18 U
Aldrin	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
Aroclor-1016	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Aroclor-1221	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Aroclor-1232	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Aroclor-1242	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Aroclor-1248	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Aroclor-1254	0.05	180 U	1800 U	1800 U	180 U	890 U	180 U
Aroclor-1260	0.05	180 U	1800 U	1800 U	180 U	890 U	180 U
Dieldrin	0.05	28	260	220	42	290	160
Endosulfan I	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
Endosulfan II	0.05	18 U	180 U	180 U	18 U	89 U	18 U
Endosulfan Sulfate	0.05	18 U	180 U	180 U	18 U	89 U	18 U
Endrin	0.05	18 U	180 U	180 U	18 U	89 U	18 U
Endrin Ketone	0.05	18 U	180 U	180 U	18 U	89 U	18 U
Heptachlor	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
Heptachlor Epoxide	0.05	8.8 U	91 U	90 U	9.1 U	45 U	15
Methoxychlor	0.05	88 U	910 U	900 U	91 U	450 U	90 U
Toxaphene	0.05	180 U	1800 U	1800 U	180 U	890 U	180 U
alpha-BHC	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
alpha-Chlordane	0.05	88 U	910 U	900 U	91 U	450 U	90 U
beta-BHC	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
delta-BHC	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
gamma-BHC(Lindane)	0.05	8.8 U	91 U	90 U	9.1 U	45 U	9.0 U
gamma-Chlordane	0.05	88 U	910 U	900 U	91 U	450 U	90 U
	DILUTION FACTOR:	1.0	10.0	10.0	1.0	5.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/01/91	10/09/91	10/09/91	10/01/91	10/09/91	10/01/91
	PERCENTAGE MOISTURE:		13	12		11	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S8B	* 9SL-S9	9SL-S9B	9SL-SS-1	9SL-SS-3	9SL-SS-4
	SAMPLE ID NUMBER:	9SL-S8B	910508-21	9SL-S9B	910519-03	910519-05	910519-07
4,4'-DDD	0.05	18 U	17 U	19 U	22 U	21 U	20 U
4,4'-DDE	0.05	18 U	17 U	19 U	22 U	21 U	20 U
4,4'-DDT	0.05	18 U	17 U	19 U	22 U	21 U	20 U
Aldrin	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	80
Aroclor-1016	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Aroclor-1221	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Aroclor-1232	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Aroclor-1242	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Aroclor-1248	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Aroclor-1254	0.05	180 U	170 U	190 U	220 U	210 U	200 U
Aroclor-1260	0.05	180 U	170 U	190 U	220 U	210 U	200 U
Dieldrin	0.05	91	31	120	22 U	31	94
Endosulfan I	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
Endosulfan II	0.05	18 U	17 U	19 U	22 U	21 U	20 U
Endosulfan Sulfate	0.05	18 U	17 U	19 U	22 U	21 U	20 U
Endrin	0.05	18 U	17 U	19 U	22 U	21 U	20 U
Endrin Ketone	0.05	18 U	17 U	19 U	22 U	21 U	20 U
Heptachlor	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
Heptachlor Epoxide	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
Methoxychlor	0.05	89 U	85 U	93 U	110 U	100 U	100 U
Toxaphene	0.05	180 U	170 U	190 U	220 U	210 U	200 U
alpha-BHC	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
alpha-Chlordane	0.05	89 U	85 U	93 U	110 U	100 U	100 U
beta-BHC	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
delta-BHC	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
gamma-BHC(Lindane)	0.05	8.9 U	8.5 U	9.3 U	11 U	10 U	10 U
gamma-Chlordane	0.05	89 U	85 U	93 U	110 U	100 U	100 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/16/91	09/16/91	09/16/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/09/91	10/01/91	10/03/91	10/04/91	10/04/91	10/04/91
	PERCENTAGE MOISTURE:	11		15	29	23	22

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-SS-5	9SL-SS-6	9SL-SS-7	9SL-TP1-S1	9SL-TP2-S1	9SL-TP2-S2
SAMPLE ID NUMBER:		910519-09	910526-07	910526-08	910512-06	910512-08	910512-09
4,4'-DDD	0.05	39 U	280 U	61 U	18 U	20 U	38 U
4,4'-DDE	0.05	39 U	280 U	61 U	18 U	20 U	38 U
4,4'-DDT	0.05	39 U	280 U	61 U	18 U	20 U	38 U
Aldrin	0.05	120	140 U	30 U	9.1 U	10 U	19 U
Aroclor-1016	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Aroclor-1221	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Aroclor-1232	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Aroclor-1242	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Aroclor-1248	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Aroclor-1254	0.05	390 U	2800 U	610 U	180 U	490	810
Aroclor-1260	0.05	390 U	2800 U	610 U	180 U	200 U	380 U
Dieldrin	0.05	1400	280 U	61 U	18 U	79	38 U
Endosulfan I	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
Endosulfan II	0.05	39 U	280 U	61 U	18 U	20 U	38 U
Endosulfan Sulfate	0.05	39 U	280 U	61 U	18 U	20 U	38 U
Endrin	0.05	39 U	280 U	61 U	18 U	25	38 U
Endrin Ketone	0.05	39 U	280 U	61 U	18 U	20 U	38 U
Heptachlor	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
Heptachlor Epoxide	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
Methoxychlor	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
Toxaphene	0.05	390 U	2800 U	610 U	180 U	200 U	380 U
alpha-BHC	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
alpha-Chlordane	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
beta-BHC	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
delta-BHC	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
gamma-BHC(Lindane)	0.05	19 U	140 U	30 U	9.1 U	10 U	19 U
gamma-Chlordane	0.05	190 U	1400 U	300 U	91 U	100 U	190 U
DILUTION FACTOR:		1.0	10.0	1.0	1.0	1.0	2.0
DATE SAMPLED:		09/16/91	09/18/91	09/18/91	09/09/91	09/10/91	09/10/91
DATE EXTRACTED:							
DATE ANALYZED:		10/04/91	10/14/91	10/14/91	10/16/91	10/15/91	10/16/91
PERCENTAGE MOISTURE:		59	43	74	13	20	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	9SL-TP3-S1	9SL-TP4-S1	9SL-TP4-S2	9SL-TP4-S3	9SL-TP4-S4
SAMPLE ID NUMBER:		910512-16	910512-11	910512-12	910512-13	910512-14
4,4'-DDD	0.05	19 U	20 U	20 U	36 U	19 U
4,4'-DDE	0.05	19 U	20 U	20 U	36 U	19 U
4,4'-DDT	0.05	19 U	20 U	20 U	36 U	19 U
Aldrin	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
Aroclor-1016	0.05	93 U	99 U	98 U	180 U	96 U
Aroclor-1221	0.05	93 U	99 U	98 U	180 U	96 U
Aroclor-1232	0.05	93 U	99 U	98 U	180 U	96 U
Aroclor-1242	0.05	93 U	99 U	98 U	180 U	96 U
Aroclor-1248	0.05	93 U	99 U	98 U	180 U	96 U
Aroclor-1254	0.05	190 U	200 U	200 U	360 U	190 U
Aroclor-1260	0.05	190 U	200 U	200 U	360 U	190 U
Dieldrin	0.05	19 U	20 U	20 U	36 U	19 U
Endosulfan I	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
Endosulfan II	0.05	19 U	20 U	20 U	36 U	19 U
Endosulfan Sulfate	0.05	19 U	20 U	20 U	36 U	19 U
Endrin	0.05	19 U	20 U	20 U	36 U	19 U
Endrin Ketone	0.05	19 U	20 U	20 U	36 U	19 U
Heptachlor	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
Heptachlor Epoxide	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
Methoxychlor	0.05	93 U	99 U	98 U	180 U	96 U
Toxaphene	0.05	190 U	200 U	200 U	360 U	190 U
alpha-BHC	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
alpha-Chlordane	0.05	93 U	99 U	98 U	180 U	96 U
beta-BHC	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
delta-BHC	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
gamma-BHC(Lindane)	0.05	9.3 U	9.9 U	9.8 U	18 U	9.6 U
gamma-Chlordane	0.05	93 U	99 U	98 U	180 U	96 U
DILUTION FACTOR:		1.0	1.0	1.0	2.0	1.0
DATE SAMPLED:		09/12/91	09/11/91	09/11/91	09/11/91	09/11/91
DATE EXTRACTED:						
DATE ANALYZED:		10/16/91	10/16/91	10/16/91	10/16/91	10/16/91
PERCENTAGE MOISTURE:		14	20	19	12	17

* INDICATES VALIDATED SAMPLE

Cyanide @ Ballfield

NJ ECRA clean-up level 12 ppm

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

	SAMPLE LOCATION:	9SL-FB	* 9SL-S1	* 9SL-S10	* 9SL-S11	* 9SL-S12	* 9SL-S13
	SAMPLE ID NUMBER:	0519-10S	9SL-S1	9SL-S10	9SL-S11	9SL-S12	9SL-S13
POUND	CRDL						
Aluminum	40	72.0 U	12700.00	13900.00	13900.00	16100.00	13700.00
Antimony	40	45.0 U	7.40	7.20	7.20	12.80	11.60
Arsenic	40	2.0 U	3.80	R(1)	7.30	7.90	R(1)
Barium	40	3.0 U	66.00	104.00	176.00	117.00	95.90
Beryllium	40	5.0	0.71	0.67	0.85	0.93	0.79
Cadmium	40	4.0 U	1.20	0.90 U	0.85 U	0.93 U	0.79
Calcium	40	138 B	3260.00	1060.00	889.00	1750.00	1110.00
Chromium	40	7.0 U	24.40	18.80	22.20	24.30	22.00
Cobalt	40	10.0 U	8.30	8.50	10.60	9.30	8.50
Copper	40	6.0 B	17.30	12.10	10.60	12.10	13.40
Cyanide	40	12.5 U	2.40 U	2.20 U	2.20 U	2.90 U	2.30 U
Iron	40	45.0 B	21800.00	16500.00	17800.00	19800.00	22400.00
Lead	40	1.0 U	16.50	24.40	19.40	24.70	22.70
Magnesium	40	73.0 B	2400.00	1710.00	1620.00	1990.00	1720.00
Manganese	40	1.0 U	423.00	679.00	1780.00	834.00	678.00
Mercury	40	0.20 U	0.12	0.11 U	0.09 U	0.10 U	0.11 U
Nickel	40	12.0 U	10.30	11.40	11.20	13.10	13.20
Potassium	40	2140 U	821.00	564.00	426.00	603.00	637.00
Selenium	40	4.0 U	1.10 U	0.99 U	0.80 U	1.20 U	0.87 U
Silver	40	6.0 U	1.20	1.60	1.50	1.60	1.40
Sodium	40	4450 U	649.00	365.00	370.00	441.00	476.00
Thallium	40	2.0 U	0.22 U	0.20 U	0.16 U	0.24 U	0.17 U
Vanadium	40	4.0 U	32.60	26.70	28.10	33.60	30.10
Zinc	40	6.0 B	48.30	46.80	40.00	47.60	52.10
	DILUTION FACTOR:						
	DATE SAMPLED:	09/16/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	* 9SL-S14	* 9SL-S15	* 9SL-S16	* 9SL-S16D	* 9SL-S2	* 9SL-S3
SAMPLE LOCATION:		* 9SL-S14	* 9SL-S15	* 9SL-S16	* 9SL-S16D	* 9SL-S2	* 9SL-S3
SAMPLE ID NUMBER:		9SL-S14	9SL-S15	9SL-S16D	9SL-S16	9SL-S2	9SL-S3
Aluminum	40	14100.00	13200.00	12500.00	14800.00	14500.00	12600.00
Antimony	40	7.10	8.30	5.70	8.00	6.80	8.30
Arsenic	40	R(1)	8.60	R(1)	R(1)	7.00	7.10
Barium	40	112.00	98.50	101.00	113.00	95.70	113.00
Beryllium	40	0.84	0.70	0.71	0.89	0.85	0.67
Cadmium	40	0.84 U	0.70 U	0.71 U	0.89 U	0.85 U	0.67 U
Calcium	40	927.00	826.00	1080.00	1140.00	1180.00	989.00
Chromium	40	18.30	17.20	16.60	19.90	19.70	15.80
Cobalt	40	8.40	7.40	7.70	7.80	7.40	7.50
Copper	40	9.90	9.90	10.10	10.60	12.50	11.60
Cyanide	40	2.00 U	2.50 U	2.60 U	2.40 U	2.00 U	2.00 U
Iron	40	15700.00	14800.00	14500.00	16400.00	16400.00	15100.00
Lead	40	20.50	20.00	21.50	21.90	22.10	40.50
Magnesium	40	1660.00	1550.00	15600.00	1780.00	1760.00	1550.00
Manganese	40	688.00	686.00	678.00	854.00	589.00	793.00
Mercury	40	0.10 U	0.11 U	0.11 U	0.09 U	0.10	0.09 U
Nickel	40	11.10	9.90	8.90	11.30	12.10	10.50
Potassium	40	462.00	436.00	463.00	581.00	650.00	536.00
Selenium	40	0.79 U	0.93 U	0.96 U	1.00 U	1.10 U	0.81 U
Silver	40	1.50	1.20	1.20	1.60	1.50	1.20
Sodium	40	350.00	309.00	306.00	355.00	459.00	412.00
Thallium	40	0.16 U	0.19 U	0.19 U	0.20 U	0.21 U	0.16 U
Vanadium	40	24.80	24.10	24.20	27.00	27.40	23.60
Zinc	40	42.50	34.50	39.30	44.50	44.50	42.10
DILUTION FACTOR:							
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	* 9SL-S4	* 9SL-S5	* 9SL-S6	* 9SL-S7	* 9SL-S8	* 9SL-S9
SAMPLE LOCATION:		* 9SL-S4	* 9SL-S5	* 9SL-S6	* 9SL-S7	* 9SL-S8	* 9SL-S9
SAMPLE ID NUMBER:		9SL-S4	9SL-S5	9SL-S6	9SL-S7	9SL-S8	9SL-S9
Aluminum	40	14500.00	14800.00	14700.00	14300.00	14600.00	14000.00
Antimony	40	9.80 B	5.50 U	5.70	9.00	9.50	9.30
Arsenic	40	8.30 J	R(1)	R(1)	6.80	R(1)	7.60
Barium	40	100.00	107.00	100.00	106.00	98.40	103.00
Beryllium	40	0.82 B	0.69 B	0.71	0.71	0.66	0.68
Cadmium	40	0.65 U	0.69 U	0.71 U	0.71 U	0.89 U	0.91 U
Calcium	40	1080.00	1210.00	12500.00	980.00	1080.00	1090.00
Chromium	40	20.30	19.00	18.90	18.10	19.30	18.80
Cobalt	40	8.20	7.80	8.80	8.20	8.20	8.10
Copper	40	14.20	13.00	12.90	10.80	11.70	12.20
Cyanide	40	2.10 U	2.10 U	2.20 U	2.40 U	2.10 U	2.30 U
Iron	40	17000.00	17300.00	17300.00	15800.00	16100.00	16500.00
Lead	40	28.40	27.80	21.80	25.40	24.60	22.20
Magnesium	40	1750.00	1760.00	1980.00	1660.00	1710.00	1670.00
Manganese	40	754.00 J	742.00 J	670.00	749.00	782.00	710.00
Mercury	40	0.09 U	0.11 U	0.09 U	0.10 U	0.11 U	0.10 U
Nickel	40	10.80	12.40	11.70	11.50	11.10	12.70
Potassium	40	593.00	545.00	553.00	538.00	613.00	473.00
Selenium	40	1.00 U	0.77 U	0.88 U	0.85 U	0.86 U	0.86 U
Silver	40	1.10 U	1.20 U	1.20	1.20	1.60	1.60
Sodium	40	437.00	426.00	399.00	353.00	374.00	379.00
Thallium	40	0.20 U	0.15 U	0.18 U	0.17 U	0.17 U	0.17 U
Vanadium	40	28.10	27.50	27.80	24.80	26.40	26.90
Zinc	40	44.80 J	44.40 J	42.60	41.30	43.90	43.70
DILUTION FACTOR:							
DATE SAMPLED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

	SAMPLE LOCATION:	9SL-S10B	9SL-S11B	9SL-S12B	9SL-S13B	9SL-S14B	9SL-S14BD
	SAMPLE ID NUMBER:	9SL-S10	9SL-S11	9SL-S12	9SL-S13	9SL-S14	9SL-S14
COMPOUND	CRDL						
Aluminum	40	15700.00	16200.00	19400.00	15100.00	14500.00	14100.00
Antimony	40	10.00 U	8.90 U	8.90 U	8.90 U	9.10 U	9.50 U
Arsenic	40	13.00	4.40	4.00	4.30	3.80	3.60
Barium	40	78.50	84.60	139.00	81.30	81.30	79.40
Beryllium	40	1.30	1.20	1.20	1.20	1.20	1.30
Cadmium	40	2.90	2.60	2.40	2.40	3.20	1.90
Calcium	40	4760.00	3240.00	24400.00	2840.00	2080.00	2940.00
Chromium	40	25.10	26.60	21.70	23.80	24.30	21.10
Cobalt	40	10.00 B	8.30 B	8.10 B	7.90 B	8.30 B	8.70 B
Copper	40	14.70	15.10	11.20	13.80	23.50	15.20
Cyanide	40	2.10 U	2.10 U	2.30 U	2.20 U	2.10 U	2.20 U
Iron	40	25100.00	24900.00	21000.00	22700.00	23100.00	20700.00
Lead	40	39.20	24.90	14.90	27.70	33.10	22.00
Magnesium	40	3570.00	2530.00	5870.00	2420.00	2260.00	2330.00
Manganese	40	412.00	566.00	955.00	334.00	473.00	467.00
Mercury	40	0.09 U	0.09 U	0.10 U	0.10 U	0.10 U	0.10 U
Nickel	40	12.70	12.50	10.10	10.60	12.20	10.40
Potassium	40	1010.00 B	942.00 B	1130.00	861.00 B	823.00 B	804.00 B
Selenium	40	0.83 U	0.88 U	0.78 U	0.85 U	0.87 U	0.86 U
Silver	40	1.30 U	1.20 U	1.20 U	1.20 U	1.20 U	1.30 U
Sodium	40	989.00 U	882.00 U	884.00 B	876.00 U	902.00 U	940.00 U
Thallium	40	0.59 B	0.58 B	0.42 B	0.45 B	0.49 B	0.43 U
Vanadium	40	36.70	37.50	30.80	33.30	33.20	30.20
Zinc	40	41.40	42.60	33.90	44.10	41.50	40.60
	DILUTION FACTOR:						
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		9SL-S15B	9SL-S16B	9SL-S1B	9SL-S2B	9SL-S3B	9SL-S4B
SAMPLE ID NUMBER:		9SL-S15	9SL-S16	9SL-S1	9SL-S2	9SL-S3	9SL-S4
Aluminum	40	16000.00	13900.00	13600.00	16200.00	15500.00	14600.00
Antimony	40	10.00 U	9.60 U	10.40 B	9.70 U	9.30 U	12.00 B
Arsenic	40	3.20	3.30	5.90	4.00	3.90	4.50
Barium	40	78.40	68.70	103.00	77.60	77.90	80.20
Beryllium	40	1.30	1.30	1.40	1.30	1.20	1.40
Cadmium	40	3.30	1.70	3.60	3.20	2.70	3.80
Calcium	40	2270.00	2640.00	11100.00	1760.00	4840.00	4200.00
Chromium	40	26.30	19.90	25.60	24.90	23.30	23.70
Cobalt	40	12.20	6.20 B	7.70 B	8.40 B	9.30 B	10.60 B
Copper	40	11.10	12.40	37.60	19.50	17.60	19.00
Cyanide	40	2.00 U	2.20 U	2.40 U	1.60 U	1.60 U	1.10 U
Iron	40	29700.00	18400.00	24400.00	25200.00	23900.00	25500.00
Lead	40	16.20	12.00	59.60	18.00	35.70	39.70
Magnesium	40	2820.00	1860.00	6980.00	2410.00	3790.00	3520.00
Manganese	40	444.00	394.00	432.00	482.00	437.00	496.00
Mercury	40	0.10 U	0.11 U	0.10 U	0.10 U	0.11 U	0.09 U
Nickel	40	13.40	9.40	13.40	13.20	12.50	13.80
Potassium	40	1570.00	593.00 B	823.00 B	1030.00 B	883.00 B	1010.00 B
Selenium	40	0.81 U	0.81 U	0.82 U	0.87 U	0.76 U	0.85 U
Silver	40	1.30 U	1.30 U	1.40 U	1.30 U	1.20 U	1.40 U
Sodium	40	991.00 U	935.00 U	1010.00 U	964.00 U	924.00 U	1000.00 U
Thallium	40	0.52 B	0.50 B	0.45 B	0.44 B	0.41 B	0.51 B
Vanadium	40	38.10	27.80	34.90	36.20	34.90	36.80
Zinc	40	40.10	30.00	78.00	44.00	48.00	52.40
DILUTION FACTOR:							
DATE SAMPLED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	9SL-S5B	9SL-S6B	9SL-S6BD	9SL-S7B	9SL-S8B	9SL-S9B
	SAMPLE ID NUMBER:	9SL-S5	9SL-S6	9SL-S6	9SL-S7	9SL-S8	9SL-S9
Aluminum	40	14200.00	9010.00	11400.00	15000.00	15200.00	14800.00
Antimony	40	10.10 U	9.80 U	9.90 U	9.70 U	9.60 U	9.80 U
Arsenic	40	5.20	4.60	4.90	4.00	4.90	4.00
Barium	40	74.90	47.60	69.90	96.80	79.40	76.80
Beryllium	40	1.30	1.10	1.10	1.30	1.30	1.30
Cadmium	40	3.10	1.70	2.90	2.60	2.60	2.20
Calcium	40	2370.00	86400.00	22500.00	3760.00	1790.00	1750.00
Chromium	40	25.60	15.70	21.60	25.00	24.60	24.90
Cobalt	40	8.30 B	5.20 B	7.70 B	9.50 B	10.10 B	9.80 B
Copper	40	18.00	10.70	13.90	26.00	14.80	15.10
Cyanide	40	2.50 U	1.40 U	1.90 U	2.10 U	2.10 U	2.30 U
Iron	40	23100.00	14000.00	18500.00	24000.00	24700.00	23100.00
Lead	40	44.50	22.80	29.10	61.70	18.60	21.50
Magnesium	40	2340.00	50200.00	12800.00	2730.00	2330.00	2160.00
Manganese	40	360.00	318.00	425.00	518.00	499.00	425.00
Mercury	40	0.10 U	0.09 U	0.10 U	0.11 U	0.10 U	0.10 U
Nickel	40	11.70	29.90	39.00	12.30	10.90	11.60
Potassium	40	845.00 B	570.00 B	658.00 B	923.00 B	952.00 B	779.00 B
Selenium	40	0.87 U	0.77 U	0.80 U	0.87 U	0.90 U	0.93 U
Silver	40	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U	1.30 U
Sodium	40	1000.00 U	973.00 U	981.00 U	957.00 U	953.00 U	971.00 U
Thallium	40	0.55 B	0.57 B	0.53 B	0.66 B	0.47 B	0.56 B
Vanadium	40	32.80	18.60	24.00	34.90	33.60	35.10
Zinc	40	49.90	35.20	37.50	49.50	40.50	46.90
	DILUTION FACTOR:						
	DATE SAMPLED:	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	9SL-SS-1	9SL-SS-3	9SL-SS-4	9SL-SS-5	9SL-SS-6	9SL-TP1-S1
SAMPLE ID NUMBER:		00519-03S	00519-05S	00519-07S	00519-09S	00526-07S	00512-06S
Aluminum	40	1800	7140	11900	19900	9320	14200.00
Antimony	40	12.0 U	10.8 U	11.6 B	15.2 U	14.3 U	10.30 U
Arsenic	40	2.4 B	2.2 B	3.0	3.3 B	3.7	1.30 B
Barium	40	118	59.3	70.4	137	868	166.00
Beryllium	40	1.3	0.96 B	1.3	1.7	0.63 B	0.92 B
Cadmium	40	1.1 U	2.2	1.5	1.4 U	6.3	1.80
Calcium	40	1130 B	34800	2880	1380 B	17500	646.00 B
Chromium	40	22.4	20.1	20.1	25.0	28.2	24.50
Cobalt	40	8.5 B	7.2 B	8.7 B	7.8 B	8.9 B	10.80 B
Copper	40	25.6	8.8	14.9	21.0	18.7	7.10
Cyanide	40	3.2 U	2.6 U	3.1 U	3.4 U	9.60 U	2.30 U
Iron	40	15800	25400	17700	17400	16800	30200.00
Lead	40	49.9	5.4	27.0	65.4	189	13.10
Magnesium	40	1830	22000	1870	2260	11700	3260.00
Manganese	40	131	501	363	173	375	431.00
Mercury	40	0.13 U	0.11 U	0.42	0.15 U	0.19 U	0.09 U
Nickel	40	13.9	16.5	12.9	15.5	14.6	16.30
Potassium	40	862 B	1260	870 B	972 B	1060 B	3010.00
Selenium	40	1.1 U	0.90 U	0.81 U	1.4 U	1.2 U	0.81 U
Silver	40	1.8 U	1.3 U	1.4 U	1.9 U	1.9 U	1.40 U
Sodium	40	1190 U	1060 U	1140 U	1500 U	1410 U	1020.00 U
Thallium	40	0.59 B	0.45 U	0.40 U	0.68 U	0.74 B	0.41 U
Vanadium	40	29.1	32.5	26.2	38.2	29.2	27.30
Zinc	40	47.8	66.2	53.0	76.0	147	47.90
DILUTION FACTOR:							
DATE SAMPLED:		09/16/91	09/16/91	09/16/91	09/16/91	09/18/91	09/09/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	9SL-TP2-S1	9SL-TP2-S2	9SL-TP3-S1	9SL-TP4-S1	9SL-TP4-S2	9SL-TP4-S3
SAMPLE ID NUMBER:		00512-08S	00512-09S	00512-16S	00512-11S	00512-12S	00512-13S
Aluminum	40	20900.00	18200.00	17400.00	23200.00	28100.00	13500.00
Antimony	40	12.30 B	14.70	10.10 U	10.0 U	14.80	9.30 U
Arsenic	40	4.80 B	5.20	3.40	5.80	1.90 B	17.90
Barium	40	121.00	132.00	171.00	87.50	115.00	96.0
Beryllium	40	1.20	1.10	1.10	1.10	1.10	1.0
Cadmium	40	3.90	3.80	0.90 U	1.30	0.90 U	2.10
Calcium	40	1950.00	2370.00	314.00 B	554.00 B	450.00 B	9260.00
Chromium	40	32.0	30.50	18.40	17.0 U	18.80	20.60
Cobalt	40	9.40 B	9.40 B	12.10	6.0 B	8.50 B	7.20 B
Copper	40	204.00	141.00	36.60	21.0	22.20	25.70
Cyanide	40	2.30 U	2.50 U	2.20 U	2.50 U	2.20 U	2.30 U
Iron	40	28500.00	26600.00	20000.00	27900.00	25600.00	23200.00
Lead	40	106.00	118.00	6.10	10.40	11.10	29.90
Magnesium	40	2320.00	2420.00	1430.00	704.00 B	914.00 B	6130.00
Manganese	40	617.00	458.00	1110.00	508.00	478.00	449.00
Mercury	40	0.62	0.44	0.09 U	0.11 U	0.10 U	0.14
Nickel	40	16.0	17.70	11.40	9.60	9.90	13.0
Potassium	40	1140.00 B	903.00 B	498.00 B	482.00 B	509.00 B	1020.00 B
Selenium	40	0.97 U	0.92 U	0.88 U	0.93 U	0.90 U	0.82 U
Silver	40	3.90	4.90	1.30 U	1.30 U	1.30 U	1.20 U
Sodium	40	1080.00 U	950.00 U	999.00 U	993.00 U	996.00 U	917.00 U
Thallium	40	0.48 U	0.46 U	0.44 U	0.46 U	0.45 U	0.41 U
Vanadium	40	41.40	41.40	28.30	29.50	27.50	33.60
Zinc	40	173.00	441.00	30.10	40.0	32.50	74.60
DILUTION FACTOR:							
DATE SAMPLED:		09/10/91	09/10/91	09/11/91	09/11/91	09/11/91	09/11/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
NINTH STREET LANDFILL
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

	SAMPLE LOCATION:	9SL-TP4-S4
	SAMPLE ID NUMBER:	00512-14S
COMPOUND	CRDL	
Aluminum	40	29100.00
Antimony	40	12.70 B
Arsenic	40	3.70
Barium	40	330.00
Beryllium	40	1.20
Cadmium	40	0.98 U
Calcium	40	277.00 B
Chromium	40	13.70
Cobalt	40	21.50
Copper	40	77.30
Cyanide	40	2.30 U
Iron	40	17000.00
Lead	40	3.70
Magnesium	40	841.00 B
Manganese	40	3030.00
Mercury	40	0.10 U
Nickel	40	11.70
Potassium	40	522.00 U
Selenium	40	0.96 U
Silver	40	1.50 U
Sodium	40	1090.00 U
Thallium	40	0.48 U
Vanadium	40	21.20
Zinc	40	20.70
	DILUTION FACTOR:	
	DATE SAMPLED:	09/11/91
	DATE EXTRACTED:	
	DATE ANALYZED:	
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	PR-SWS-1	PR-SWS-2	PR-SWS-4	PR-SWS-5	PR-SWS-6	* PRW-1
SAMPLE LOCATION:		PR-SWS-1	PR-SWS-2	PR-SWS-4	PR-SWS-5	PR-SWS-6	* PRW-1
SAMPLE ID NUMBER:							910543-01
1,1,1-Trichloroethane	10	5 U	5 U	5 U	25 U	5 U	1 J (2)
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	25 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	25 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	25 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	25 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	25 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	25 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	25 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	50 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	50 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	92	10 U	220	10 U	10 U
Acetone	10	10 U	10 U	10 U	1300E	10 U	10 U
Benzene	10	5 U	5 U	5 U	25 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	25 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	25 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	50 U	10 U	10 U
Carbon Disulfide	10	5 U	170	5 U	25 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	25 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	25 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	50 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	25 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	50 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	25 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	25 U	5 U	5 U
Methylene Chloride	10	4 BJ	5 U	3 BJ	14 BJ	3 BJ	3 B
Styrene	10	5 U	5 U	5 U	25 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	25 U	5 U	32 B
Toluene	10	5 U	5 U	5 U	25 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	25 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	25 U	5 U	3 J (2)
Vinyl Acetate	10	10 U	10 U	10 U	50 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	50 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	25 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	25 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	5.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/26/91	09/26/91	09/26/91	09/26/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:		09/30/91	09/29/91	09/30/91	09/30/91	09/30/91	09/26/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	* PRW-2	* PRW-2B	* PRW-2D	* PRW-3	PRW-4	PRW-4B
SAMPLE ID NUMBER:		910543-02	910543-03	910543-04	910543-05	910535-08	910535-09
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	2 J	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	2 J (4)	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	2 B	3 B	2 B	3 B	5 U	5 U
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	37 B	9 B	37 B	5 U	5 U	5 U
Toluene	10	5 U	2 J (3)	5 U	5 U	5 U	6
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	3 J (2)	6 J (1)	3 J (2)	18	5 U	1 J(1)
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/91	09/24/91	09/24/91	09/24/91	09/23/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:		09/26/91	09/26/91	09/26/91	09/26/91	09/24/91	09/24/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	PRW-5	PRW-5B	* PRW-6	* PRW-6B	* PRW-6D	* PRW-7
SAMPLE ID NUMBER:		910535-10	910535-11	910543-06	910543-07	910543-08	910543-09
1,1,1-Trichloroethane	10	5 U	5 U	5 U	3 J (2)	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	2 J (4)	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	1 B	2 B	2 B	2 B	5 U
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	3 B	16 B	3 B	10 B
Toluene	10	5 U	4 J(1)	5 U	1 J (2)	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	1 J(1)	5 U	10	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/23/91	09/23/91	09/24/91	09/24/91	09/24/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:		09/24/91	09/24/91	09/26/91	09/26/91	09/26/91	09/26/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	* PRW-7B	PRW-NW-1A	PRW-NW-1AD	PRW-NW-1B	* PRW-NW-2A	* PRW-NW-2B
SAMPLE LOCATION:		* PRW-7B	PRW-NW-1A	PRW-NW-1AD	PRW-NW-1B	* PRW-NW-2A	* PRW-NW-2B
SAMPLE ID NUMBER:		910543-10	910562-01S	910562-02S	910562-05S	910552-04	910552-05
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	10	5 U	5 U	5 U	5 U	5 UL (1)	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	7 J (4)	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	2 B	5 U	5 U	1 BJ	3 B (1)	3 B (1)
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	53	52	37	4 J (1)	4 J (1)
Toluene	10	2 J (2)	5 U	5 U	5 U	5 UL (1)	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	120	5 U	5 U	5 U	6 L (1)	5
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	13	12	10	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/91	10/07/91	10/07/91	10/07/91	09/30/91	09/30/91
DATE EXTRACTED:							
DATE ANALYZED:		09/26/91	10/09/91	10/09/91	10/09/91	10/02/91	10/02/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	PR-SWS-1	PR-SWS-2	PR-SWS-4	PR-SWS-5	PR-SWS-6	* PRW-1
SAMPLE ID NUMBER:							910543-01
4,4'-DDD	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
Aroclor-1016	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
Endosulfan II	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
Heptachlor Epoxide	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
Methoxychlor	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
alpha-Chlordane	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
delta-BHC	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
gamma-BHC(Lindane)	0.05	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.05 U
gamma-Chlordane	0.05	0.50	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/26/91	09/26/91	09/26/91	09/26/91	09/26/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:		10/18/91	10/18/91	10/18/91	10/18/91	10/18/91	10/18/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	* PRW-2	* PRW-2B	* PRW-2D	* PRW-3	PRW-4	PRW-4B
SAMPLE ID NUMBER:		910543-02	910543-03	910543-04	910543-05	910535-08	910535-09
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/91	09/24/91	09/24/91	09/24/91	09/23/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:		10/18/91	10/18/91	10/18/91	10/18/91	10/14/91	10/14/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRW-5	PRW-5B	* PRW-6	* PRW-6B	* PRW-6D	* PRW-7
	SAMPLE ID NUMBER:	910535-10	910535-11	910543-06	910543-07	910543-08	910543-09
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/23/91	09/23/91	09/24/91	09/24/91	09/24/91	09/24/91
	DATE EXTRACTED:						
	DATE ANALYZED:	10/14/91	10/14/91	10/18/91	10/18/91	10/18/91	10/18/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRW-7B	PRW-NW-1A	PRW-NW-1AD	PRW-NW-1B	* PRW-NW-2A	* PRW-NW-2B
SAMPLE ID NUMBER:		910543-10	910562-01S	910562-02S	910562-05S	910552-04	910552-05
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
Heptachlor Epoxide	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
delta-BHC	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U	0.050 U	0.050 U	0.050 U	0.05 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/91	10/07/91	10/07/91	10/07/91	09/27/91	09/27/91
DATE EXTRACTED:							
DATE ANALYZED:		10/18/91	10/22/91	10/22/91	10/22/91	10/18/91	10/18/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	PR-SWS-1	PR-SWS-2	PR-SWS-4	PR-SWS-5	PR-SWS-6	* PRW-1
SAMPLE ID NUMBER:		00546-14S	00546-15S	00546-16S	00546-17S	00546-18S	
Aluminum	200	590.00	1440.00	887.00	1260.00	415.00	3870
Antimony	200	45.00 U	45.00 U	45.00 U	45.00 U	47.00 B	45.0 U
Arsenic	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ(1)
Barium	200	3.0 U	5.0 B	5.0 B	37.00 B	3.0 U	130.0
Beryllium	200	3.0 B	4.0 B	4.0 B	4.0 B	4.0 B	5.0 B
Cadmium	200	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Calcium	200	8520.00	10600.00	16400.00	42000.00	7420.00	29200
Chromium	200	7.0 U	7.0 U	7.0 B	10.00	7.0 U	12.0 B
Cobalt	200	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.0
Copper	200	10.00 B	9.0 B	9.0 B	6.0 B	8.0 B	13.0 B
Cyanide	200	10.00 U	10.00 U	10.00 U	11.40 U	10.00 U	10.0 U
Iron	200	709.00	1660.00	1100.00	1290.00	571.00	5120 J1
Lead	200	3.80	5.20	3.40	3.2	1.5 B	8.8
Magnesium	200	1950.00 B	2600.00 B	4020.00 B	9040.00	2430.00 B	12400
Manganese	200	16.00	41.00	21.00	32.00	12.00 B	242
Mercury	200	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.2 U
Nickel	200	12.00 U	12.00 U	15.00 B	15.00 B	18.00 B	21.0 B
Potassium	200	2140.00 U	2380.00 B	4740.00 B	5160.00	3230.00 B	3340
Selenium	200	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	20.0 UL1
Silver	200	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U	R1
Sodium	200	4450.00 U	4450.00 U	4450.00 U	16700.00	4450.00 U	16600
Thallium	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ1
Vanadium	200	4.0 B	4.0 B	4.0 B	7.0 B	5.0 B	10.0 B
Zinc	200	45.00	18.00 B	21.00	9.0 B	194.00	38.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/25/91	09/25/91	09/25/91	09/25/91	09/25/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	* PRW-2	* PRW-2B	* PRW-2D	* PRW-3	* PRW-4	* PRW-4B
SAMPLE LOCATION:							
SAMPLE ID NUMBER:						PRW-4	PRW-4B
Aluminum	200	2930	95.0	2870	72.0 U	27800.00 J(2	92.00 B
Antimony	200	45.0 U	45.0 U	45.0 U	45.0 U	45.00 U	45.00 U
Arsenic	200	2.0 UJ1	2.0 U	2.0 U	2.0 U	8.80 J(1)	2.00 UJ(1)
Barium	200	68.0	65.0	65.0	18.0	1160.00	130.00
Beryllium	200	5.0 B	4.0 B	5.0 B	4.0 B	10.00 B	3.00 B
Cadmium	200	4.0 U	4.0 U	4.0 U	4.0 U	4.00 U	4.00 U
Calcium	200	28100	43500	29600	13900	36400.00	40000.00
Chromium	200	12.0 B	11.0 B	12.0 B	7.0 U	32.00 B	10.00 B
Cobalt	200	10.0 U	10.0 U	11.0	10.0 U	54.00	10.00 U
Copper	200	18.0 B	9.0 B	13.0 B	7.0 B	120.00	7.00 B
Cyanide	200	10.0 U	10.0 U	10.0 U	10.0 U	10.00 U	10.00 U
Iron	200	4050 J1	576 J1	3730 J1	167 B	46400.00	19.00 B
Lead	200	10.4	7.0	9.6	1.10	22.20	18.00
Magnesium	200	11300	11800	12100	6220	15400.00	12200.00
Manganese	200	260	232	221	55.0	4040.00	243.00
Mercury	200	0.2 U	0.2 U	0.2 UL2	0.2 U	0.20	0.20 U
Nickel	200	20.0 B	14.0 B	17.0 B	15.0 B	76.00 B	14.00 B
Potassium	200	3080	11500	3080	2180	5710.00	19700.00
Selenium	200	20.0 UL1	4.0 UL1	20.0 UL1	4.0 UL1	20.00 UJ(1,3	4.00 UL(1)
Silver	200	R1	R1	R1	R1	6.00 U	6.00 U
Sodium	200	15500	19600	16300	11000	23100.00	21100.00
Thallium	200	2.0 UJ1	2.0 UJ1	2.0 UJ1	2.0 UJ1	2.00 UJ(1)	2.00 UJ(1)
Vanadium	200	6.0 B	4.0 U	7.0 B	4.0 U	43.00	4.00 U
Zinc	200	34.0 B	40.0 B	32.0 B	25.0 B	143.00	33.00
DILUTION FACTOR:							
DATE SAMPLED:		09/24/91	09/24/91	09/24/91	09/24/91	09/23/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	* PRW-5	* PRW-5B	* PRW-6	* PRW-6B	* PRW-6D	* PRW-7
SAMPLE LOCATION:		* PRW-5	* PRW-5B	* PRW-6	* PRW-6B	* PRW-6D	* PRW-7
SAMPLE ID NUMBER:		PRW-5	PRW-5B				
Aluminum	200	20000.00 J(2	442.00 B	4290	1260	4410	166
Antimony	200	45.00 U	45.00 U	45.0 U	45.0 U	45.0 U	45.0 U
Arsenic	200	4.60 J(1)	2.40 J(1)	2.0 U	2.0 U	2.0 U	2.0 U
Barium	200	524.00	159.00	149	82.0	176	58.0
Beryllium	200	10.00 B	3.00 B	4.0 B	4.0 B	4.0 B	4.0 B
Cadmium	200	4.00 U	4.00 U	4.0 U	4.0 U	4.0 U	4.0 B
Calcium	200	24100.00	23000.00	12100	30200	14200	26000
Chromium	200	12.00 B	20.00 B	12.0 B	11.0 B	15.0 B	7.0 U
Cobalt	200	52.00	10.00 U	10.0 U	10.0 U	11.0	10.0 U
Copper	200	115.00	10.00 B	7.0 B	14.0 B	6.0 B	6.0 B
Cyanide	200	10.00 U	11.30 U	10.0 U	10.0 U	10.0 U	10.0 U
Iron	200	22900.00	709.00	6320 J1	1310 J1	6110 J1	353 J1
Lead	200	10.50	39.80	3.6	5.8	3.6	1.8
Magnesium	200	10600.00	9450.00	5170	7240	5850	9070
Manganese	200	4930.00	65.00	337	79.0	348	218
Mercury	200	0.20 U	0.20 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	200	71.00 B	12.00 U	16.0 B	12.0 U	18.0 B	22.0 B
Potassium	200	3420.00	41600.00	3160	5980	3020	2970
Selenium	200	20.00 UJ(1)	4.00 UL(1)	20.0 UL1	4.0 UL1	20.0 UL1	4.0 UL1
Silver	200	6.00 U	6.00 U	R1	R1	R1	R1
Sodium	200	14800.00	22400.00	31000	17300	33600	16600
Thallium	200	2.00 UJ(1)	2.00 UJ(1)	2.0 UJ1	2.0 UJ1	2.0 UJ1	2.0 U
Vanadium	200	24.00	4.00 U	8.0 B	4.0 U	10.0 B	4.0 U
Zinc	200	115.00	26.00	35.0 B	18.0 B	55.0	32.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/23/91	09/23/91	09/24/91	09/24/91	09/24/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

COMPOUND	CRDL	* PRW-7B	PRW-NW-1A	PRW-NW-1AD	PRW-NW-1B	* PRW-NW-2A	* PRW-NW-2B
SAMPLE LOCATION:							
SAMPLE ID NUMBER:			PRW-NW-1A	PRW-NW-1AD	PR-NW-1B	PRW-NW-2A	PRW-NW-2B
Aluminum	200	297	98.00 B	90.00 B	105.00 B	99.0 B	101 B
Antimony	200	45.0	45.00 U	45.00 U	45.00 U	45.0 U	45.0 U
Arsenic	200	2.0 U	2.80 B	3.70 B	2.40 B	3.2 B	2.4 B
Barium	200	236	232.00	225.00	114.00 B	241	287
Beryllium	200	4.0 B	3.0 B	4.0 B	4.0 B	4.0 B	4.0 B
Cadmium	200	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U
Calcium	200	26100	42900.00	42800.00	21600.00	37400	41400
Chromium	200	8.0 B	7.0 U	7.0 U	7.0 U	7.0 U	7.0 U
Cobalt	200	10.0 U	10 U	10.00 U	10.00 U	10.0 U	10.0 U
Copper	200	6.0 B	16.00 B	15.00 B	12.00 B	31.0 B	35.0 B
Cyanide	200	10.0 U	10.00 U	10.00 U	10.00 U	10.0 U	10.0 U
Iron	200	388 J1	56.00 B	46.00 B	40.00 B	247	76.0 B
Lead	200	3.5	1.0 U	1.10 B	1.0 U	2.8 K(1)	3.1
Magnesium	200	6980	26600.00	25300.00	12900.00	14700	16900
Manganese	200	62.0	2.0 B	2.0 B	1.0 B	1.0 B	1.0 B
Mercury	200	0.2 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	200	13.0 B	12.00 U	12.00 U	12.00 B	12.0 U	14.0
Potassium	200	2600	2140.00 U	2140.00 U	2140.00 U	2140 U	2140 U
Selenium	200	4.0 UL1	4.0 U	4.0 U	4.0 U	R(1)	R(1)
Silver	200	R1	6.0 U	6.0 U	6.0 U	6.0 U	6.0 U
Sodium	200	14900	12000.00	12000.00	6530.00	10700	12000
Thallium	200	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	200	5.0 B	4.00 U	4.0 B	4.0 U	4.0 U	4.0 U
Zinc	200	9.0 B	2.0 B	2.0 B	4.0 B	7.0 B	8.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/24/91	10/07/91	10/07/91	10/08/91	09/30/91	09/30/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

COMPOUND	CRDL	* PRW-1F	* PRW-2BF	* PRW-2DF	* PRW-2F	* PRW-3F	* PRW-4B
SAMPLE LOCATION:							
SAMPLE ID NUMBER:							PRW-4B
Aluminum	200	85.00	72.00 U	72.00 U	72.00 U	72.00 U	119.00 B
Antimony	200	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U
Arsenic	200	2.00 U	2.00 U	2.00 U	2.00 u	2.00 U	2.00 J(1,2)
Barium	200	19.00	59.00	15.00	17.00	21.00	181.00
Beryllium	200	3.00	4.00	3.00	3.00	3.00	5.00 B
Cadmium	200	5.00 B	5.00 B	4.00 B	4.00 U	4.00 B	4.00 U
Calcium	200	31600.00	41800.00	29900.00	30700.00	13900.00	53200.00
Chromium	200	10.00 B	11.00 B	11.00 B	7.00 UJ1	7.00 B	18.00
Cobalt	200	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U	10.00 U
Copper	200	18.00 B	15.00 B	19.00 B	19.00 B	13.00 B	12.00 B
Cyanide	200.00						
Iron	200	40.00 B	43.00 B	45.00 B	42.00 B	34.00 B	117.00 B
Lead	200	1.00 U	1.40	1.00 U	1.30	1.00 U	17.00
Magnesium	200	11900.00	11600.00	10900.00	11000.00	6060.00	16400.00
Manganese	200	16.00	213.00	44.00	45.00	44.00	350.00
Mercury	200	0.20 U	0.20 U	0.20 UL1	0.20 U	0.20 U	0.20 U
Nickel	200	13.00 B	15.00 B	19.00 B	21.00 B	12.00 B	13.00
Potassium	200	2400.00	11000.00	2390.00	2630.00	2140.00 U	22000.00
Selenium	200	4.00 UJ3	4.00 UJ3	4.00 UJ3	4.00 UJ3	20.00 UJ3	4.00 UJ(1,2)
Silver	200	6.00 U	6.00 U	6.00 U	6.00 U	6.00 U	R(1)
Sodium	200	16400.00	18900.00	15300.00	15400.00	10500.00	24600.00
Thallium	200	2.00 UJ2	2.00 UJ2	2.00 UJ2	2.00 UJ	2.00 UJ2	2.00 U
Vanadium	200	4.00 U	4.00 U	5.00 B	5.00 B	5.00 B	4.00 U
Zinc	200	33.00 B	37.00 B	29.00 B	30.00 B	16.00 B	51.00
DILUTION FACTOR:							
DATE SAMPLED:		09/24/91	09/24/91	09/24/91	09/24/91	09/24/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PR1VET ROAD
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

COMPOUND	CRDL	* PRW-4F	* PRW-5BF	* PRW-5F	* PRW-6BF	* PRW-6DF	* PRW-6F
SAMPLE LOCATION:		* PRW-4F	* PRW-5BF	* PRW-5F	* PRW-6BF	* PRW-6DF	* PRW-6F
SAMPLE ID NUMBER:		PRW-4	PRW-5B	PRW-5			
Aluminum	200	593.00	72.00 U	3430.00	72.00 U	72.00 U	72.00 U
Antimony	200	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U
Arsenic	200	2.0 UJ(1)	2.00 UJ(1)	2.00 UJ(1)	2.00 U	2.00 U	2.00 U
Barium	200	20.00 B	155.00 B	22.00 B	61.00	65.00	64.00
Beryllium	200	5.00 B	4.00 B	9.00 B	4.00	4.00	4.00
Cadmium	200	4.00 U	4.00 U	4.00 U	4.00 B	5.00 B	4.00 U
Calcium	200	40600	23200.00	27300.00	30700.00	12300.00	12400.00
Chromium	200	7.00 U	18.00	7.00 U	10.00 B	9.00 B	8.00 B
Cobalt	200	10.00	10.00 U	17.00	10.00 U	10.00 U	10.00 U
Copper	200	18.00 B	6.00 B	37.00	13.00 B	10.00 B	10.00 B
Cyanide	200.00						
Iron	200	43.00 B	43.00 B	47.00 B	46.00 B	50.00 B	40.00 B
Lead	200	1.00 U	4.50	1.00	1.20	1.00 U	1.00 U
Magnesium	200	14500.00	10200.00	10700.00	7390.00	3810.00	3780.00
Manganese	200	668.00	6.00	981.00	6.00	31.00	32.00
Mercury	200	0.20 U	0.20 U	0.20 U	0.20 UL1	0.20 UL1	0.20 UL1
Nickel	200	26.00	12.00 U	26.00 B	19.00 B	12.00 U	14.00 B
Potassium	200	2140.00 U	38700.00	2140.00 U	2650.00	2140.00 U	2140.00 U
Selenium	200	4.00 UJ(1,2)	4.00 UJ(1,2)	4.00 UJ(1,2)	20.00 UJ3	20.00 UJ3	4.00 UJ3
Silver	200	R(1)	R(1)	R(1)	6.00 U	6.00 U	6.00 U
Sodium	200	19500.00	21600.00	14200.00	15200.00	27900.00	28500.00
Thallium	200	2.00 U	2.00 U	2.00 U	2.00 UJ2	2.00 UJ2	2.00 UJ2
Vanadium	200	4.00 U	4.00 U	4.00 U	4.00 U	5.00 B	4.00 U
Zinc	200	55.00	5.00	65.00	14.00 B	26.00 B	24.00 B
DILUTION FACTOR:							
DATE SAMPLED:		09/23/91	09/23/91	09/23/91	09/24/91	09/24/91	09/24/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

COMPOUND	CRDL	* PRW-7BF	* PRW-7F	PRW-NW-1ADF	PRW-NW-1AF	PRW-NW-1BF	PRW-NW-2AF
SAMPLE LOCATION:							
SAMPLE ID NUMBER:				910562-02S	910562-01S	910562-05S	00556-01S
Aluminum	200	72.00 U	72.00 U	99.00 B	97.00 B	135.00 B	133.00 B
Antimony	200	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U	45.00 U
Arsenic	200	2.00 U	2.00 U	3.60 B	4.00 B	4.20 B	2.20 B
Barium	200	213.00	38.00	237.00	233.00	200.00	280.00
Beryllium	200	4.00	4.00	4.0 B	4 B	4.0 B	3.0 B
Cadmium	200	5.00 B	6.00 B	4.0 U	4.0 U	4.0 U	4.0 U
Calcium	200	26000.00	23600.00	44400.00	45400.00	34800.00	43000.00
Chromium	200	7.00 UJ1	8.00 B	7.0 U	7.0 U	7.0 U	7.0 U
Cobalt	200	10.00 U	10.00 U	10.00 U	10 U	10.00 U	10 U
Copper	200	9.00 B	10.00 B	25.00	25.00	19.00 B	17.00 B
Cyanide	200.00			10 U	10 U	10 U	
Iron	200	48.00 B	46.00 B	177.00	156.00	62.00 B	83.00 B
Lead	200	1.00 U	1.00 U	1.80 B	3 B	1.20 U	1.0 U
Magnesium	200	6850.00	7940.00	27500.00	27300.00	20400.00	16600.00
Manganese	200	43.00	167.00	2.0 B	2.0 B	1.0 B	2.0 B
Mercury	200	0.20 UL1	0.20 UL1	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	200	16.00 B	17.00 B	12.00 U	12.00 U	12.00 U	24.00 B
Potassium	200	2460.00	2260.00	2140.00 U	2140.00 U	2140.00 U	2140.00 U
Selenium	200	20.00 UJ3	20.00 UJ3	4.0 U	4.0 U	4.0 U	20.00 U
Silver	200	6.00 U	6.00 U	6.0 U	6.0 U	6.0 U	6.0 U
Sodium	200	14700.00	15000.00	12400.00	12700.00	9840.00	12100.00
Thallium	200	2.00 UJ2	2.00 UJ2	2.0 U	2.0 U	2.0 U	2.0 U
Vanadium	200	4.00 U	4.00 B	4.0 B	4.0 U	4.0 U	4.0 U
Zinc	200	9.00 B	47.00 B	2.0 U	2.0 B	2.00 B	8.0 B
DILUTION FACTOR:							
DATE SAMPLED:		09/24/91	09/24/91	10/08/91	10/08/91	10/08/91	10/02/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC AQUEOUS ANALYSIS (DISSOLVED)
ug/L

	SAMPLE LOCATION:	PRW-NW-2BF
	SAMPLE ID NUMBER:	00556-02S
COMPOUND	CRDL	
Aluminum	200	113.00 B
Antimony	200	45.00 U
Arsenic	200	2.90 B
Barium	200	299.00
Beryllium	200	3.0 B
Cadmium	200	4.0 U
Calcium	200	43900.00
Chromium	200	7.0 U
Cobalt	200	10.00 U
Copper	200	26.00
Cyanide	200.00	
Iron	200	73.00 B
Lead	200	1.0 U
Magnesium	200	17600.00
Manganese	200	2.0 B
Mercury	200	0.20 U
Nickel	200	19.00 B
Potassium	200	2140.00 U
Selenium	200	20.00 U
Silver	200	6.0 U
Sodium	200	12000.00
Thallium	200	2.0 U
Vanadium	200	4.0 U
Zinc	200	11.00 B
	DILUTION FACTOR:	
	DATE SAMPLED:	10/02/91
	DATE EXTRACTED:	
	DATE ANALYZED:	
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	PR-SS-1	PR-SS-2	PR-SS-4	PR-SS-5	PR-SS-6	PRB-10-0002
SAMPLE ID NUMBER:		910512-01	910512-02	910512-03	910512-04	910512-05	PRB-10-0002
1,1,1-Trichloroethane	10	6 U	7 U	6 U	12 U	5 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	7 U	6 U	12 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	7 U	6 U	12 U	5 U	6 U
1,1-Dichloroethane	10	6 U	7 U	6 U	12 U	5 U	6 U
1,1-Dichloroethene	10	6 U	7 U	6 U	12 U	5 U	6 U
1,2-Dichloroethane	10	6 U	7 U	6 U	12 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	7 U	6 U	12 U	5 U	6 U
1,2-Dichloropropane	10	6 U	7 U	6 U	12 U	5 U	6 U
2-Butanone	10	12 U	14 U	12 U	23 U	11 U	12 U
2-Hexanone	10	12 U	14 U	12 U	23 U	11 U	12 U
4-Methyl-2-pentanone	10	12 U	14 U	12 U	23 U	11 U	12 U
Acetone	10	6 U	14 U	12 U	23 U	4 J	12 U
Benzene	10	6 U	7 U	6 U	12 U	5 U	6 U
Bromodichloromethane	10	6 U	7 U	6 U	12 U	5 U	6 U
Bromoform	10	6 U	7 U	6 U	12 U	5 U	6 U
Bromomethane	10	12 U	14 U	12 U	23 U	11 U	12 U
Carbon Disulfide	10	6 U	7 U	6 U	12 U	5 U	6 U
Carbon Tetrachloride	10	6 U	7 U	6 U	12 U	5 U	6 U
Chlorobenzene	10	6 U	7 U	6 U	12 U	5 U	6 U
Chloroethane	10	12 U	14 U	12 U	23 U	11 U	12 U
Chloroform	10	6 U	7 U	6 U	12 U	5 U	6 U
Chloromethane	10	12 U	14 U	12 U	23 U	11 U	12 U
Dibromochloromethane	10	6 U	7 U	6 U	12 U	5 U	6 U
Ethylbenzene	10	6 U	7 U	6 U	12 U	5 U	6 U
Methylene Chloride	10	6 U	7 U	6 U	12 U	5 U	6 U
Styrene	10	6 U	7 U	6 U	12 U	5 U	6 U
Tetrachloroethene	10	6 U	7 U	6 U	12 U	5 U	6 U
Toluene	10	6 U	7 U	6 U	12 U	5 U	6 U
Total Xylenes	10	6 U	7 U	6 U	12 U	5 U	6 U
Trichloroethene	10	6 U	7 U	6 U	12 U	5 U	6 U
Vinyl Acetate	10	12 U	14 U	12 U	23 U	11 U	12 U
Vinyl Chloride	10	12 U	14 U	12 U	23 U	11 U	12 U
cis-1,3-Dichloropropene	10	6 U	7 U	6 U	12 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	7 U	6 U	12 U	5 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/10/91	09/10/91	09/10/91	09/10/91	09/09/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/14/91	09/14/91	09/14/91	09/14/91	09/14/91	09/04/91
PERCENTAGE MOISTURE:		18	30	17	57	8	15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-10-0204	PRB-10-0406	PRB-10-0406D	PRB-10-0608	* PRB-11-0002	* PRB-11-0204
	SAMPLE ID NUMBER:	PRB-10-0204	PRB-10-0406	PRB-10-0406D	PRB-10-0608	910486-12	910486-13
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	12 U	12 U	12 U	11 U	12 U	12 U
2-Hexanone	10	12 U	12 U	12 U	11 U	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U	12 U	11 U	12 U	12 U
Acetone	10	12 U	12 U	12 U	11 U	4 J (1)	5 J (1)
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	12 U	11 U	12 U	12 U
Vinyl Chloride	10	12 U	12 U	12 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/04/91	09/04/91	09/04/91	09/04/91	09/03/91	09/04/91
	PERCENTAGE MOISTURE:	15	16	15	11		

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-11-0406	* PRB-11-0608	* PRB-11-0810	* PRB-12-0002	* PRB-12-0406	* PRB-12-0608
	SAMPLE ID NUMBER:	PRB-11-0406	910486-15	910486-16	910486-17	910486-18	910486-19
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	12 U	12 U	12 U	11 U	12 U	12 U
2-Hexanone	10	12 U	12 U	12 U	11 U	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U	12 U	11 U	12 U	12 U
Acetone	10	7 J	7 J (1)	12 U	11 U	7 J (1)	11 J (1)
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	12 U	11 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	4 BJ	6 U	6 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	12 U	11 U	12 U	12 U
Vinyl Chloride	10	12 U	12 U	12 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/28/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
	PERCENTAGE MOISTURE:	18					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-12-0608D	* PRB-12-0810	PRB-12-1012	PRB-13-0002	PRB-13-0204	PRB-13-0608
SAMPLE ID NUMBER:		910486-20	910486-21	PRB-12-1012	PRB-13-0002	PRB-13-0204	PRB-13-0608
1,1,1-Trichloroethane	10	6 U	2 B	6 U	2 BJ	6 U	1 BJ
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	12 U	12 U	11 U	12 U	12 U	12 U
2-Hexanone	10	12 U	12 U	11 U	12 U	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U	11 U	12 U	12 U	12 U
Acetone	10	3 J (1)	9 J (1)	11 U	12 U	12 U	11 J
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	11 U	12 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	11 U	12 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	11 U	12 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	3 B	6 U	6 U	7 B	3 J	5 BJ
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	11 U	12 U	12 U	12 U
Vinyl Chloride	10	12 U	12 U	11 U	12 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/04/91	09/04/91	09/05/91	09/04/91
PERCENTAGE MOISTURE:				7	19	15	19

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-13-1012	PRB-13-1214	PRB-14-0204	PRB-14-0204D	PRB-14-0406	PRB-14-0608
	SAMPLE ID NUMBER:	PRB-13-1012	PRB-13-1214	PRB-14-0204	PRB-14-0204D	PRB-14-0406	PRB-14-0608
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	1 BJ	6 U	6 U	2 BJ	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	11 U	12 U	12 U	12 U	12 U
2-Hexanone	10	11 U	11 U	12 U	12 U	12 U	12 U
4-Methyl-2-pentanone	10	11 U	11 U	12 U	12 U	12 U	12 U
Acetone	10	5 J	6 BJ	29	12 U	5 BJ	12 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	11 U	12 U	12 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	11 U	12 U	12 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	11 U	12 U	12 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	5 BJ	2 J	6 U	6 U	6 U	3 BJ
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	11 U	12 U	12 U	12 U	12 U
Vinyl Chloride	10	11 U	11 U	12 U	12 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/28/91	08/28/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/04/91	09/05/91	09/04/91	09/04/91	09/04/91	09/04/91
	PERCENTAGE MOISTURE:	13	10	17	15	15	14

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-14-0810	PRB-14-1012	PRB-15-0002	PRB-15-0204	PRB-15-0406	PRB-15-0810
SAMPLE ID NUMBER:		PRB-14-0810	PRB-14-1012	PRB-15-0002	PRB-15-0204	PRB-15-0406	PRB-15-0810
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	10	13 U	12 U	12 U	12 U	13 U	11 U
2-Hexanone	10	13 U	12 U	12 U	12 U	13 U	11 U
4-Methyl-2-pentanone	10	13 U	12 U	12 U	12 U	13 U	11 U
Acetone	10	3 BJ	6 J	12 U	12 U	6 U	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	10	13 U	12 U	12 U	12 U	13 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	10	13 U	12 U	12 U	12 U	13 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloromethane	10	13 U	12 U	12 U	12 U	13 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Methylene Chloride	10	6 U	6 U	6 U	3 J	6 U	5 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	5 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl Acetate	10	13 U	12 U	12 U	12 U	13 U	11 U
Vinyl Chloride	10	13 U	12 U	12 U	12 U	13 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	09/04/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/04/91	09/04/91	09/11/91	09/04/91
PERCENTAGE MOISTURE:		21	15	16	19	21	8

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	PRB-15-1214	PRB-15-0406D	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
SAMPLE ID NUMBER:		PRB-15-1214	PRB-15-0406D	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	12 U	11 U	12 U	12 U	12 U
2-Hexanone	10	11 U	12 U	11 U	12 U	12 U	12 U
4-Methyl-2-pentanone	10	11 U	12 U	11 U	12 U	12 U	12 U
Acetone	10	11 U	12 U	11 U	12 U	12 U	12 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	12 U	11 U	12 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	12 U	11 U	12 U	12 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	12 U	11 U	12 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	12 U	11 U	12 U	12 U	12 U
Vinyl Chloride	10	11 U	12 U	11 U	12 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
PERCENTAGE MOISTURE:		11	20	11	18	15	14

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
	SAMPLE ID NUMBER:	PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
1,1,1-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,1-Dichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethane	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	5 U	6 U	6 U	6 U	6 U	6 U
1,2-Dichloropropane	10	5 U	6 U	6 U	6 U	6 U	6 U
2-Butanone	10	11 U	11 U	11 U	11 U	12 U	11 U
2-Hexanone	10	11 U	11 U	11 U	11 U	12 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	11 U	11 U	12 U	11 U
Acetone	10	11 U	11 U	11 U	11 U	12 U	11 U
Benzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromodichloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromoform	10	5 U	6 U	6 U	6 U	6 U	6 U
Bromomethane	10	11 U	11 U	11 U	11 U	12 U	11 U
Carbon Disulfide	10	5 U	6 U	6 U	6 U	6 U	6 U
Carbon Tetrachloride	10	5 U	6 U	6 U	6 U	6 U	6 U
Chlorobenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloroethane	10	11 U	11 U	11 U	11 U	12 U	11 U
Chloroform	10	5 U	6 U	6 U	6 U	6 U	6 U
Chloromethane	10	11 U	11 U	11 U	11 U	12 U	11 U
Dibromochloromethane	10	5 U	6 U	6 U	6 U	6 U	6 U
Ethylbenzene	10	5 U	6 U	6 U	6 U	6 U	6 U
Methylene Chloride	10	5 U	6 U	6 U	6 U	6 U	6 U
Styrene	10	5 U	6 U	6 U	6 U	6 U	6 U
Tetrachloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Toluene	10	5 U	6 U	6 U	6 U	6 U	6 U
Total Xylenes	10	5 U	6 U	6 U	6 U	6 U	6 U
Trichloroethene	10	5 U	6 U	6 U	6 U	6 U	6 U
Vinyl Acetate	10	11 U	11 U	11 U	11 U	12 U	11 U
Vinyl Chloride	10	11 U	11 U	11 U	11 U	12 U	11 U
cis-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	5 U	6 U	6 U	6 U	6 U	6 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/04/91
	PERCENTAGE MOISTURE:	8	11	13	12	14	13

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	* PRB-3-0002
SAMPLE LOCATION:		PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	910496-01
SAMPLE ID NUMBER:		PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	
1,1,1-Trichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	1 BJ	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	5 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	5 U	6 U	6 U
2-Butanone	10	11 U	12 U	11 U	11 U	11 U	11 U
2-Hexanone	10	11 U	12 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	12 U	11 U	11 U	11 U	11 U
Acetone	10	4 J	5 BJ	11 U	11 U	6 BJ	5 B
Benzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromomethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	5 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	5 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Chloroethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	5 U	6 U	6 U
Chloromethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	5 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 U	2 J	6 U	6 U
Styrene	10	6 U	6 U	6 U	5 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	5 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	5 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	5 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	5 U	6 U	6 U
Vinyl Acetate	10	11 U	12 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	12 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	5 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	5 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/05/91
PERCENTAGE MOISTURE:		13	14	13	9	12	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

	SAMPLE LOCATION:	PRB-9-0608	PRB-9-0810
	SAMPLE ID NUMBER:	PRB-9-0608	PRB-9-0810
COMPOUND	CRDL		
1,1,1-Trichloroethane	10	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U
2-Butanone	10	12 U	12 U
2-Hexanone	10	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U
Acetone	10	12 U	12 U
Benzene	10	6 U	6 U
Bromodichloromethane	10	6 U	6 U
Bromoform	10	6 U	6 U
Bromomethane	10	12 U	12 U
Carbon Disulfide	10	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U
Chlorobenzene	10	6 U	6 U
Chloroethane	10	12 U	12 U
Chloroform	10	6 U	6 U
Chloromethane	10	12 U	12 U
Dibromochloromethane	10	6 U	6 U
Ethylbenzene	10	6 U	6 U
Methylene Chloride	10	6 U	6 U
Styrene	10	6 U	6 U
Tetrachloroethene	10	6 U	6 U
Toluene	10	6 U	6 U
Total Xylenes	10	6 U	6 U
Trichloroethene	10	6 U	6 U
Vinyl Acetate	10	12 U	12 U
Vinyl Chloride	10	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U
	DILUTION FACTOR:	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91
	DATE EXTRACTED:		
	DATE ANALYZED:	09/04/91	09/04/91
	PERCENTAGE MOISTURE:	15	17

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	PR-SS-1	PR-SS-2	PR-SS-4	PR-SS-5	PR-SS-6	PRB-10-0002
SAMPLE ID NUMBER:		910512-01	910512-02	910512-03	910512-04	910512-05	PRB-10-0002
4,4'-DDD	0.05	38 U	41 U	38 U	59 U	33 U	19 U
4,4'-DDE	0.05	38 U	41 U	38 U	59 U	33 U	19 U
4,4'-DDT	0.05	38 U	41 U	38 U	59 U	33 U	19 U
Aldrin	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
Aroclor-1016	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Aroclor-1221	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Aroclor-1232	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Aroclor-1242	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Aroclor-1248	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Aroclor-1254	0.05	380 U	410 U	380 U	590 U	330 U	190 U
Aroclor-1260	0.05	380 U	410 U	380 U	590 U	330 U	190 U
Dieldrin	0.05	210	41 U	38 U	59 U	33 U	77
Endosulfan I	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
Endosulfan II	0.05	38 U	41 U	38 U	59 U	33 U	19 U
Endosulfan Sulfate	0.05	38 U	41 U	38 U	59 U	33 U	19 U
Endrin	0.05	38 U	41 U	38 U	59 U	33 U	19 U
Endrin Ketone	0.05	38 U	41 U	38 U	59 U	33 U	19 U
Heptachlor	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
Heptachlor Epoxide	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
Methoxychlor	0.05	190 U	200 U	190 U	290 U	170 U	95 U
Toxaphene	0.05	380 U	410 U	380 U	590 U	330 U	190 U
alpha-BHC	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
alpha-Chlordane	0.05	190 U	200 U	190 U	290 U	170 U	95 U
beta-BHC	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
delta-BHC	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
gamma-BHC(Lindane)	0.05	19 U	20 U	19 U	29 U	17 U	9.5 U
gamma-Chlordane	0.05	190 U	200 U	190 U	290 U	170 U	95 U
DILUTION FACTOR:		2.0	2.0	2.0	2.0	1.0	1.0
DATE SAMPLED:		09/09/91	09/09/91	09/09/91	09/09/91	09/09/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		10/16/91	10/16/91	10/16/91	10/16/91	10/16/91	09/29/91
PERCENTAGE MOISTURE:		16	23	18	46	4	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-10-0204	PRB-10-0406	PRB-10-0406D	PRB-10-0608	* PRB-11-0002	* PRB-11-0204
	SAMPLE ID NUMBER:	PRB-10-0204	PRB-10-0406	PRB-10-0406D	PRB-10-0608	910486-12	910486-13
4,4'-DDD	0.05	19 U	19 U	18 U	18 U	190 U	180 U
4,4'-DDE	0.05	19 U	19 U	18 U	18 U	190 U	180 U
4,4'-DDT	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Aldrin	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
Aroclor-1016	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Aroclor-1221	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Aroclor-1232	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Aroclor-1242	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Aroclor-1248	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Aroclor-1254	0.05	190 U	190 U	180 U	180 U	1900 U	1800 U
Aroclor-1260	0.05	190 U	190 U	180 U	180 U	1100 J (1)	5200
Dieldrin	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Endosulfan I	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
Endosulfan II	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Endosulfan Sulfate	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Endrin	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Endrin Ketone	0.05	19 U	19 U	18 U	18 U	190 U	180 U
Heptachlor	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
Heptachlor Epoxide	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
Methoxychlor	0.05	95 U	94 U	92 U	88 U	950 U	900 U
Toxaphene	0.05	190 U	190 U	180 U	180 U	1900 U	1800 U
alpha-BHC	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
alpha-Chlordane	0.05	95 U	94 U	92 U	88 U	950 U	900 U
beta-BHC	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
delta-BHC	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
gamma-BHC(Lindane)	0.05	9.5 U	9.4 U	9.2 U	8.8 U	95 U	90 U
gamma-Chlordane	0.05	95 U	94 U	92 U	88 U	950 U	900 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	10
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/29/91	09/29/91	09/30/91	09/30/91	09/30/91	09/30/91
	PERCENTAGE MOISTURE:	16	16	14	10		

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-11-0406	* PRB-11-0608	* PRB-11-0810	* PRB-12-0002	* PRB-12-0406	* PRB-12-0608
	SAMPLE ID NUMBER:	910486-14	910486-15	910486-16	910486-17	910486-18	910486-19
4,4'-DDD	0.05	19 U	18 U	19 U	18 U	19 U	18 U
4,4'-DDE	0.05	19 U	18 U	19 U	18 U	19 U	18 U
4,4'-DDT	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Aldrin	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
Aroclor-1016	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Aroclor-1221	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Aroclor-1232	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Aroclor-1242	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Aroclor-1248	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Aroclor-1254	0.05	190 U	180 U	190 U	180 U	190 U	180 U
Aroclor-1260	0.05	190 U	180 U	190 U	920	190 U	180 U
Dieldrin	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Endosulfan I	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
Endosulfan II	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Endosulfan Sulfate	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Endrin	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Endrin Ketone	0.05	19 U	18 U	19 U	18 U	19 U	18 U
Heptachlor	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
Heptachlor Epoxide	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
Methoxychlor	0.05	97 U	90 U	94 U	92 U	93 U	90 U
Toxaphene	0.05	190 U	180 U	190 U	180 U	190 U	180 U
alpha-BHC	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
alpha-Chlordane	0.05	97 U	90 U	94 U	92 U	93 U	90 U
beta-BHC	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
delta-BHC	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
gamma-BHC(Lindane)	0.05	9.7 U	9.0 U	9.4 U	9.2 U	9.3 U	9.0 U
gamma-Chlordane	0.05	97 U	90 U	94 U	92 U	93 U	90 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/28/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/27/91	09/30/91	09/30/91	09/28/91	09/30/91	09/30/91
	PERCENTAGE MOISTURE:	17					

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-12-0608D	* PRB-12-0810	PRB-12-1012	PRB-13-0002	PRB-13-0204	PRB-13-0608
SAMPLE ID NUMBER:		910486-20	910486-21	910486-22	910486-23	910486-24	910486-25
4,4'-DDD	0.05	18 U	17 U	17 U	20 U	19 U	20 U
4,4'-DDE	0.05	18 U	17 U	17 U	20 U	19 U	20 U
4,4'-DDT	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Aldrin	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
Aroclor-1016	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Aroclor-1221	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Aroclor-1232	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Aroclor-1242	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Aroclor-1248	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Aroclor-1254	0.05	180 U	170 U	170 U	200 U	190 U	200 U
Aroclor-1260	0.05	180 U	170 U	170 U	200 U	190 U	200 U
Dieldrin	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Endosulfan I	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
Endosulfan II	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Endosulfan Sulfate	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Endrin	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Endrin Ketone	0.05	18 U	17 U	17 U	20 U	19 U	20 U
Heptachlor	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
Heptachlor Epoxide	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
Methoxychlor	0.05	91 U	83 U	85 U	98 U	93 U	98 U
Toxaphene	0.05	180 U	170 U	170 U	200 U	190 U	200 U
alpha-BHC	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
alpha-Chlordane	0.05	91 U	83 U	85 U	98 U	93 U	98 U
beta-BHC	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
delta-BHC	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
gamma-BHC(Lindane)	0.05	9.1 U	8.3 U	8.5 U	9.8 U	9.3 U	9.8 U
gamma-Chlordane	0.05	91 U	83 U	85 U	98 U	93 U	98 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:		09/30/91	10/01/91	09/27/91	09/27/91	09/27/91	09/28/91
PERCENTAGE MOISTURE:				10	16	17	17

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-13-1012	PRB-13-1214	PRB-14-0204	PRB-14-0204D	PRB-14-0406	PRB-14-0608
	SAMPLE ID NUMBER:	910486-26	910486-27	PRB-14-0204	PRB-14-0204D	PRB-14-0406	PRB-14-0608
4,4'-DDD	0.05	18 U	18 U	19 U	19 U	19 U	19 U
4,4'-DDE	0.05	18 U	18 U	19 U	19 U	19 U	19 U
4,4'-DDT	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Aldrin	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
Aroclor-1016	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Aroclor-1221	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Aroclor-1232	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Aroclor-1242	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Aroclor-1248	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Aroclor-1254	0.05	180 U	180 U	190 U	190 U	190 U	190 U
Aroclor-1260	0.05	180 U	180 U	300	190 U	190 U	190 U
Dieldrin	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Endosulfan I	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
Endosulfan II	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Endosulfan Sulfate	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Endrin	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Endrin Ketone	0.05	18 U	18 U	19 U	19 U	19 U	19 U
Heptachlor	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
Heptachlor Epoxide	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
Methoxychlor	0.05	91 U	89 U	93 U	94 U	95 U	95 U
Toxaphene	0.05	180 U	180 U	190 U	190 U	190 U	190 U
alpha-BHC	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
alpha-Chlordane	0.05	91 U	89 U	93 U	94 U	95 U	95 U
beta-BHC	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
delta-BHC	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
gamma-BHC(Lindane)	0.05	9.1 U	8.9 U	9.3 U	9.4 U	9.5 U	9.5 U
gamma-Chlordane	0.05	91 U	89 U	93 U	94 U	95 U	95 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/28/91	08/28/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/28/91	09/29/91	09/30/91	09/30/91	09/30/91	09/30/91
	PERCENTAGE MOISTURE:	13	12	15	16	16	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-14-0810	PRB-14-1012	PRB-15-0002	PRB-15-0204	PRB-15-0406	PRB-15-0406D
	SAMPLE ID NUMBER:	PRB-14-0810	PRB-14-1012	PRB-15-0002	PRB-15-0204	PRB-15-0406	PRB-15-0406D
4,4'-DDD	0.05	19 U	19 U	92 U	20 U	20 U	20 U
4,4'-DDE	0.05	19 U	19 U	92 U	20 U	20 U	20 U
4,4'-DDT	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Aldrin	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
Aroclor-1016	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Aroclor-1221	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Aroclor-1232	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Aroclor-1242	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Aroclor-1248	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Aroclor-1254	0.05	190 U	190 U	920 U	200 U	200 U	200 U
Aroclor-1260	0.05	190 U	190 U	2800	200 U	200 U	200 U
Dieldrin	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Endosulfan I	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
Endosulfan II	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Endosulfan Sulfate	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Endrin	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Endrin Ketone	0.05	19 U	19 U	92 U	20 U	20 U	20 U
Heptachlor	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
Heptachlor Epoxide	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
Methoxychlor	0.05	95 U	93 U	460 U	100 U	100 U	98 U
Toxaphene	0.05	190 U	190 U	920 U	200 U	200 U	200 U
alpha-BHC	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
alpha-Chlordane	0.05	95 U	93 U	460 U	100 U	100 U	98 U
beta-BHC	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
delta-BHC	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
gamma-BHC(Lindane)	0.05	9.5 U	9.3 U	46 U	10 U	10 U	9.8 U
gamma-Chlordane	0.05	95 U	93 U	460 U	100 U	100 U	98 U
	DILUTION FACTOR:	1.0	1.0	5.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/30/91	09/30/91	09/29/91	10/01/91	10/01/91	09/28/91
	PERCENTAGE MOISTURE:	16	14	14	23	20	20

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-15-0810	PRB-15-1214	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
	SAMPLE ID NUMBER:	PRB-15-0810	PRB-15-1214	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
4,4'-DDD	0.05	18 U	18 U	18 U	19 U	19 U	18 U
4,4'-DDE	0.05	18 U	18 U	18 U	19 U	19 U	18 U
4,4'-DDT	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Aldrin	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
Aroclor-1016	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Aroclor-1221	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Aroclor-1232	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Aroclor-1242	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Aroclor-1248	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Aroclor-1254	0.05	180 U	180 U	180 U	190 U	190 U	180 U
Aroclor-1260	0.05	180 U	180 U	180 U	190 U	190 U	180 U
Dieldrin	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Endosulfan I	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
Endosulfan II	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Endosulfan Sulfate	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Endrin	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Endrin Ketone	0.05	18 U	18 U	18 U	19 U	19 U	18 U
Heptachlor	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
Heptachlor Epoxide	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
Methoxychlor	0.05	91 U	91 U	90 U	94 U	96 U	90 U
Toxaphene	0.05	180 U	180 U	180 U	190 U	190 U	180 U
alpha-BHC	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
alpha-Chlordane	0.05	91 U	91 U	90 U	94 U	96 U	90 U
beta-BHC	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
delta-BHC	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
gamma-BHC(Lindane)	0.05	9.1 U	9.1 U	9.0 U	9.4 U	9.6 U	9.0 U
gamma-Chlordane	0.05	91 U	91 U	90 U	94 U	96 U	90 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/29/91	09/29/91	09/30/91	09/30/91	10/01/91	09/30/91
	PERCENTAGE MOISTURE:	13	13	13	16	18	12

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
	SAMPLE ID NUMBER:	PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
4,4'-DDD	0.05	19 U	19 U	18 U	18 U	19 U	18 U
4,4'-DDE	0.05	19 U	19 U	18 U	18 U	19 U	18 U
4,4'-DDT	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Aldrin	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
Aroclor-1016	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Aroclor-1221	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Aroclor-1232	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Aroclor-1242	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Aroclor-1248	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Aroclor-1254	0.05	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1260	0.05	190 U	190 U	180 U	180 U	190 U	180 U
Dieldrin	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Endosulfan I	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
Endosulfan II	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Endosulfan Sulfate	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Endrin	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Endrin Ketone	0.05	19 U	19 U	18 U	18 U	19 U	18 U
Heptachlor	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
Heptachlor Epoxide	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
Methoxychlor	0.05	93 U	95 U	91 U	91 U	93 U	92 U
Toxaphene	0.05	190 U	190 U	180 U	180 U	190 U	180 U
alpha-BHC	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
alpha-Chlordane	0.05	93 U	95 U	91 U	91 U	93 U	92 U
beta-BHC	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
delta-BHC	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
gamma-BHC(Lindane)	0.05	9.3 U	9.5 U	9.1 U	9.1 U	9.3 U	9.2 U
gamma-Chlordane	0.05	93 U	95 U	91 U	91 U	93 U	92 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/30/91	09/30/91	09/30/91	09/30/91	09/30/91	09/30/91
	PERCENTAGE MOISTURE:	14	17	13	13	15	13

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	* PRB-3-0002
	SAMPLE ID NUMBER:	PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	910496-01
4,4'-DDD	0.05	95 U	25 U	19 U	18 U	17 U	380 U
4,4'-DDE	0.05	95 U	25 U	19 U	18 U	17 U	380 U
4,4'-DDT	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Aldrin	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
Aroclor-1016	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Aroclor-1221	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Aroclor-1232	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Aroclor-1242	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Aroclor-1248	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Aroclor-1254	0.05	950U	250 U	190 U	180 U	170 U	3800 U
Aroclor-1260	0.05	1000	250 U	190 U	180 U	170 U	230000 J (1)
Dieldrin	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Endosulfan I	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
Endosulfan II	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Endosulfan Sulfate	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Endrin	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Endrin Ketone	0.05	95 U	25 U	19 U	18 U	17 U	380 U
Heptachlor	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
Heptachlor Epoxide	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
Methoxychlor	0.05	470U	120 U	94 U	89 U	87 U	1900 U
Toxaphene	0.05	950U	250 U	190 U	180 U	170 U	3800 U
alpha-BHC	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
alpha-Chlordane	0.05	470U	120 U	94 U	89 U	87 U	1900 U
beta-BHC	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
delta-BHC	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
gamma-BHC(Lindane)	0.05	47 U	12 U	9.4 U	8.9 U	8.7 U	190 U
gamma-Chlordane	0.05	470U	120 U	94 U	89 U	87 U	1900 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	20
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/31/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/30/91	09/30/91	09/30/91	09/30/91	09/30/91	10/01/91
	PERCENTAGE MOISTURE:	17	36	15	11	10	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-3-0204	* PRB-3-0204D	* PRB-3-0406	* PRB-3-0608	* PRB-4-0002	* PRB-4-0204
SAMPLE LOCATION:		* PRB-3-0204	* PRB-3-0204D	* PRB-3-0406	* PRB-3-0608	* PRB-4-0002	* PRB-4-0204
SAMPLE ID NUMBER:		910486-02	910496-03	910496-04	910496-05	910496-06	910496-07
4,4'-DDD	0.05	19 U	19 U	18 U	18 U	180 U	18 U
4,4'-DDE	0.05	19 U	19 U	18 U	18 U	180 U	18 U
4,4'-DDT	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Aldrin	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
Aroclor-1016	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Aroclor-1221	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Aroclor-1232	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Aroclor-1242	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Aroclor-1248	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Aroclor-1254	0.05	190 U	190 U	180 U	180 U	1800 U	180 U
Aroclor-1260	0.05	190 U	1200	180 U	180 U	3700	180 U
Dieldrin	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Endosulfan I	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
Endosulfan II	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Endosulfan Sulfate	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Endrin	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Endrin Ketone	0.05	19 U	19 U	18 U	18 U	180 U	18 U
Heptachlor	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
Heptachlor Epoxide	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
Methoxychlor	0.05	95 U	96 U	90 U	92 U	890 U	88 U
Toxaphene	0.05	190 U	190 U	180 U	180 U	1800 U	180 U
alpha-BHC	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
alpha-Chlordane	0.05	95 U	96 U	90 U	92 U	890 U	88 U
beta-BHC	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
delta-BHC	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
gamma-BHC(Lindane)	0.05	9.5 U	9.6 U	9.0 U	9.2 U	89 U	8.8 U
gamma-Chlordane	0.05	95 U	96 U	90 U	92 U	890 U	88 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	10	1.0
DATE SAMPLED:		08/29/91	08/31/91	08/31/91	08/31/91	08/31/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		09/30/91	09/30/91	10/01/91	10/01/91	10/01/91	10/01/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-4-0406	* PRB-4-0608	* PRB-5-0204	* PRB-5-0204D	* PRB-5-0406	* PRB-5-0608
SAMPLE ID NUMBER:		910496-08	910496-09	910496-10	910496-11	910496-12	910496-13
4,4'-DDD	0.05	18 U	18 U	18 U	18 U	18 U	17 U
4,4'-DDE	0.05	18 U	18 U	18 U	18 U	18 U	17 U
4,4'-DDT	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Aldrin	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
Aroclor-1016	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Aroclor-1221	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Aroclor-1232	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Aroclor-1242	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Aroclor-1248	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Aroclor-1254	0.05	180 U	180 U	180 U	180 U	180 U	170 U
Aroclor-1260	0.05	180 U	180 U	180 U	180 U	180 U	170 U
Dieldrin	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Endosulfan I	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
Endosulfan II	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Endosulfan Sulfate	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Endrin	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Endrin Ketone	0.05	18 U	18 U	18 U	18 U	18 U	17 U
Heptachlor	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
Heptachlor Epoxide	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
Methoxychlor	0.05	88 U	88 U	92 U	92 U	89 U	87 U
Toxaphene	0.05	180 U	180 U	180 U	180 U	180 U	170 U
alpha-BHC	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
alpha-Chlordane	0.05	88 U	88 U	92 U	92 U	89 U	87 U
beta-BHC	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
delta-BHC	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
gamma-BHC(Lindane)	0.05	8.8 U	8.8 U	9.2 U	9.2 U	8.9 U	8.7 U
gamma-Chlordane	0.05	88 U	88 U	92 U	92 U	89 U	87 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/31/91	08/31/91	08/31/91	08/31/91	08/31/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		10/01/91	10/01/91	10/01/91	10/01/91	10/01/91	10/01/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-6-0002	* PRB-6-0204	* PRB-6-0406	* PRB-6-0608	* PRB-7-0002	* PRB-7-0406
SAMPLE ID NUMBER:		910496-14	910496-15	910496-16	910496-17	910486-01	910486-03
4,4'-DDD	0.05	180 U	17 U	18 U	18 U	180 U	17 U
4,4'-DDE	0.05	180 U	17 U	18 U	18 U	180 U	17 U
4,4'-DDT	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Aldrin	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
Aroclor-1016	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Aroclor-1221	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Aroclor-1232	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Aroclor-1242	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Aroclor-1248	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Aroclor-1254	0.05	1800 U	170 U	180 U	180 U	1800 U	170 U
Aroclor-1260	0.05	7200	170 U	180 U	180 U	7100	170 U
Dieldrin	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Endosulfan I	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
Endosulfan II	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Endosulfan Sulfate	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Endrin	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Endrin Ketone	0.05	180 U	17 U	18 U	18 U	180 U	17 U
Heptachlor	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
Heptachlor Epoxide	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
Methoxychlor	0.05	910 U	87 U	92 U	90 U	920 U	85 U
Toxaphene	0.05	1800 U	170 U	180 U	180 U	1800 U	170 U
alpha-BHC	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
alpha-Chlordane	0.05	910 U	87 U	92 U	90 U	920 U	85 U
beta-BHC	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
delta-BHC	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
gamma-BHC(Lindane)	0.05	91 U	8.7 U	9.2 U	9.0 U	92 U	8.5 U
gamma-Chlordane	0.05	910 U	87 U	92 U	90 U	920 U	85 U
DILUTION FACTOR:		10	1.0	1.0	1.0	10	1.0
DATE SAMPLED:		08/31/91	08/31/91	08/31/91	08/31/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		10/01/91	10/01/91	10/01/91	10/01/91	09/29/91	09/30/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* PRB-7-04060	* PRB-7-06075	* PRB-8-0002	* PRB-8-0204	* PRB-8-0406	* PRB-8-0608
	SAMPLE ID NUMBER:	910486-04	910486-05	910486-07	910486-08	910486-09	910486-10
4,4'-DDD	0.05	18 U	17 U	19 U	19 U	19 U	17 U
4,4'-DDE	0.05	18 U	17 U	19 U	19 U	19 U	17 U
4,4'-DDT	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Aldrin	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
Aroclor-1016	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Aroclor-1221	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Aroclor-1232	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Aroclor-1242	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Aroclor-1248	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Aroclor-1254	0.05	180 U	170 U	190 U	190 U	190 U	170 U
Aroclor-1260	0.05	180 U	220	1500	190 U	190 U	170 U
Dieldrin	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Endosulfan I	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
Endosulfan II	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Endosulfan Sulfate	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Endrin	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Endrin Ketone	0.05	18 U	17 U	19 U	19 U	19 U	17 U
Heptachlor	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
Heptachlor Epoxide	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
Methoxychlor	0.05	92 U	86 U	95 U	93 U	95 U	87 U
Toxaphene	0.05	180 U	170 U	190 U	190 U	190 U	170 U
alpha-BHC	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
alpha-Chlordane	0.05	92 U	86 U	95 U	93 U	95 U	87 U
beta-BHC	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
delta-BHC	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
gamma-BHC(Lindane)	0.05	9.2 U	8.6 U	9.5 U	9.3 U	9.5 U	8.7 U
gamma-Chlordane	0.05	92 U	86 U	95 U	93 U	95 U	87 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/28/91	09/28/91	09/29/91	09/28/91	09/30/91	09/30/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
PESTICIDE/PCB SOIL ANALYSIS
ug/kg

COMPOUND	CRDL						
	SAMPLE LOCATION:	* PRB-8-0810	PRB-9-0002	PRB-9-0204	PRB-9-0406	PRB-9-0608	PRB-9-0810
	SAMPLE ID NUMBER:	910486-11	PRB-9-0002	PRB-9-204	PRB-9-0406	PRB-9-0608	PRB-9-0810
4,4'-DDD	0.05	18 U	18 U	19 U	19 U	20 U	19 U
4,4'-DDE	0.05	18 U	18 U	19 U	19 U	20 U	19 U
4,4'-DDT	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Aldrin	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
Aroclor-1016	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Aroclor-1221	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Aroclor-1232	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Aroclor-1242	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Aroclor-1248	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Aroclor-1254	0.05	180 U	180 U	190 U	190 U	200 U	190 U
Aroclor-1260	0.05	180 U	180 U	190 U	190 U	200 U	190 U
Dieldrin	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Endosulfan I	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
Endosulfan II	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Endosulfan Sulfate	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Endrin	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Endrin Ketone	0.05	18 U	18 U	19 U	19 U	20 U	19 U
Heptachlor	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
Heptachlor Epoxide	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
Methoxychlor	0.05	92 U	92 U	94 U	94 U	98 U	93 U
Toxaphene	0.05	180 U	180 U	190 U	190 U	200 U	190 U
alpha-BHC	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
alpha-Chlordane	0.05	92 U	92 U	94 U	94 U	98 U	93 U
beta-BHC	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
delta-BHC	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
gamma-BHC(Lindane)	0.05	9.2 U	9.2 U	9.4 U	9.4 U	9.8 U	9.3 U
gamma-Chlordane	0.05	92 U	92 U	94 U	94 U	98 U	93 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/30/91	09/29/91	09/29/91	09/29/91	09/29/91	09/29/91
	PERCENTAGE MOISTURE:		14	16	15	19	15

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	PR-SS-1	PR-SS-2	PR-SS-4	PR-SS-5	PR-SS-6	PRB-10-0002
SAMPLE ID NUMBER:		00512-01S	00512-02S	00512-03S	00512-04S	00512-05S	00492-12S
Aluminum	40	13300.00	10300.00	18300.00	18700.00	8060.00	19700.00
Antimony	40	11.50 B	10.60 U	10.60 U	15.90 B	7.80 B	6.20 U
Arsenic	40	7.10	6.20	6.20	7.80	3.60 B	5.60
Barium	40	85.0	167.00	87.30	97.70	39.70	77.20
Beryllium	40	1.10	1.40	0.95 B	1.30 B	0.69 B	1.20
Cadmium	40	2.20	4.70	2.10	1.90	0.87	0.78 U
Calcium	40	9220.00	3990.00	2380.00	2360.00	2510.00	1210.00
Chromium	40	26.80	24.90	27.0	31.80	14.70	29.40
Cobalt	40	9.30 B	17.10	9.0 B	9.90 B	5.20 B	6.60 B
Copper	40	21.60	36.10	21.50	22.90	8.80	13.40
Cyanide	40	2.10 U	2.50 U	2.20 U	3.30 U	2.0 U	1.60 U
Iron	40	21900.00	33500.00	24400.00	24400.00	12800.00	26100.00
Lead	40	88.60	29.70	41.60	44.50	23.40	10.30
Magnesium	40	5400.00	3970.00	2610.00	2820.00	1910.00	2450.00
Manganese	40	545.00	1280.00	463.00	571.00	243.00	167.00
Mercury	40	0.09 U	0.12 U	0.11 U	0.17 U	0.09 U	0.11 U
Nickel	40	13.80	22.30	14.0	16.90	7.60	13.40
Potassium	40	1390.00	1550.00	1080.00 B	1160.00 B	692.00 B	709.00 B
Selenium	40	0.85 U	1.10 U	0.93 U	1.30 U	0.83 U	0.94 U
Silver	40	1.30 U	1.40 U	1.40 U	1.90 U	1.0 U	1.40 U
Sodium	40	962.00 U	1040.00 U	1050.00 U	1420.00 U	772.00 U	812.00 B
Thallium	40	0.42 U	0.55 U	0.46 U	0.65 U	0.41 U	0.26 B
Vanadium	40	36.10	34.50	41.40	41.70	21.0	39.90
Zinc	40	102.00	84.30	101.00	124.00	67.50	41.00
DILUTION FACTOR:							
DATE SAMPLED:		09/09/91	09/09/91	09/09/91	09/09/91	09/09/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-10-0204	PRB-10-0406	PRB-10-0406D	PRB-10-0608	* PRB-11-0002	* PRB-11-0204
SAMPLE ID NUMBER:		00492-13S	00192-14S	00492-15S	00492-16S	PRB-11-0002	PRB-11-0204
Aluminum	40	20900.00	18900.00	17900.00	11000.00	9470	11700
Antimony	40	7.0 U	7.20 U	6.80 U	6.50 U	R(1)	R(1)
Arsenic	40	2.80	1.90 B	2.0 B	1.10 B	16.2	16.0
Barium	40	71.50	73.80	74.70	71.30	79.0	108
Beryllium	40	1.30	1.40	1.30	1.20	1.3 B	1.3 B
Cadmium	40	0.88 U	0.90 U	0.85 U	0.81 U	5.8	4.5
Calcium	40	1250.00	360.00 B	341.00 B	154.00 B	7450	8370
Chromium	40	24.20	27.20	22.80	17.00	34.5	29.4
Cobalt	40	12.10	9.70 B	10.20 B	8.70 B	8.0	9.2
Copper	40	24.80	25.90	23.70	19.00	39.3	39.2
Cyanide	40	1.70 U	2.0 U	1.40 U	1.70 U	2.0 UL(2)	2.3 UL(2)
Iron	40	25200.00	24800.00	23600.00	16600.00	20200	23100
Lead	40	7.80	8.20	7.0	4.0	149 K(2)	164 K(2)
Magnesium	40	2170.00	1830.00	1590.00	479.00 B	3900	3980
Manganese	40	565.00	383.00	432.00	474.00	330	352
Mercury	40	0.11 U	0.12 U	0.11 U	0.09 U	0.23	0.24
Nickel	40	13.90	14.00	11.90	8.30	16.0	20.7
Potassium	40	928.00 B	1230.00	886.00 B	409.00 B	992	1020
Selenium	40	0.82 U	1.10 U	0.99 U	1.10 U	R(1)	R(1)
Silver	40	1.50 U	1.60 U	1.50 U	1.40 U	1.5 U	1.5 U
Sodium	40	817.00 B	768.00 B	737.00 B	542.00 B	724	858
Thallium	40	0.18 B	0.26 B	0.20 U	0.21 U	0.22 B	0.37 B
Vanadium	40	37.80	35.30	34.10	28.70	27.2	27.9
Zinc	40	37.20	29.70	28.20	17.20	200	237
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-11-0406	* PRB-11-0608	* PRB-11-0810	* PRB-12-0002	* PRB-12-0406	* PRB-12-0608
SAMPLE ID NUMBER:		00486-14S	PRB-11-0608	PRB-11-0810	PRB-12-0002	PRB-12-0406	PRB-12-0608
Aluminum	40	17300.0	15100	14600	15100	18800	9460
Antimony	40	6.60 U	R(1)	R(1)	R(1)	R(1)	R(1)
Arsenic	40	3.4	3.9	1.8	7.1	1.6	0.82 U
Barium	40	50.1	71.3 K(1)	84.9 K(1)	92.6 K(1)	72.9 K(1)	64.0 K(1)
Beryllium	40	0.41 B	1.4 B	1.4 B	1.3 B	1.4 B	1.3 B
Cadmium	40	1.40	0.91 L(1)	2.0 L(1)	1.7 L(1)	0.92 L(1)	2.0 L(1)
Calcium	40	756.0 B	692	854	7490	734	545
Chromium	40	26.6	24.8	29.9	30.4	27.9	22.7
Cobalt	40	11.3	12.9	8.3	12.1	13.1	6.8
Copper	40	14.4	17.7	12.6	44.0	18.0	8.1
Cyanide	40	2.60 U	2.1 UL(2)	2.4 UL(2)	2.4 UL(2)	2.6 UL(2)	2.8 UL(2)
Iron	40	24300	24300	29800	24600	26900	24400
Lead	40	8.0	6.8 K(2)	7.6 K(2)	65.7 K(2)	8.8 K(2)	4.7 K(2)
Magnesium	40	2570	2270	1750	5150	1640	1250
Manganese	40	382	530 L(1)	272 L(1)	434 L(1)	580 L(1)	165 L(1)
Mercury	40	0.10 U	0.10 U	0.12 U	0.09 U	0.09 U	0.09 U
Nickel	40	15.3	12.0	11.9	17.1	12.5	8.7
Potassium	40	1020 B	1060	1300	1760	1240	1040
Selenium	40	1.10 U	R(1)	R(1)	R(1)	R(1)	R(1)
Silver	40	1.4 U	1.6 U	1.6 U	1.5 U	1.6 U	1.5 U
Sodium	40	796 B	852 K(1)	1030 K(1)	899 K(1)	960 K(1)	846 K(1)
Thallium	40	0.22 U	0.30 B	0.29 B	0.43 B	0.19 UJ(1)	0.20 UJ(1)
Vanadium	40	38.3	35.9 K(1)	39.6 K(1)	36.0 K(1)	35.5 K(1)	39.6 K(1)
Zinc	40	33.0	31.3	29.9	137	42.0	22.3
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/30/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-12-0608D	* PRB-12-0810	PRB-12-1012	PRB-13-0002	PRB-13-0204	PRB-13-0608
SAMPLE ID NUMBER:		PRB-12-0608D	PRB-12-0810	00486-22S	00486-23S	00486-24S	00486-25S
Aluminum	40	12900	8610	5910.0	17900.00	19500.00	16300.00
Antimony	40	R(1)	R(1)	6.90 U	7.6 U	7.60 U	7.80 U
Arsenic	40	0.84 U	0.81 U	0.82 U	2.0 B	3.40	0.92 U
Barium	40	87.6 K(1)	68.4	128.0	59.40	73.40	139.00
Beryllium	40	1.3 B	1.2 B	0.86 B	0.71 B	0.71 B	0.97 B
Cadmium	40	1.7 L(1)	0.82	0.86 U	0.95 U	0.95 U	0.97 U
Calcium	40	727	563	323.0 B	991 B	343.00 B	1130.00 U
Chromium	40	25.1	24.7	18.1	28.20	26.00	32.20 B
Cobalt	40	8.2	7.8	15.1	6.60 B	13.70	6.50
Copper	40	10.6	9.9	13.1	12.80	15.40	11.40
Cyanide	40	2.7 UL(2)	2.0 UL(2)	2.70 U	2.30 U	2.10 U	2.50 U
Iron	40	28100	19100	17200	29000	25000.00	33500.00
Lead	40	6.6 K(2)	3.7 K(2)	1.9	9.2	6.20	11.50
Magnesium	40	2170	707	531 B	2400	1820.00	2530.00
Manganese	40	196 L(1)	468	1110.0	166	727.00	70.30
Mercury	40	0.10 U	0.09 U	0.09 U	0.10 U	0.10 U	0.12 U
Nickel	40	12.5	9.3	20.0	12.30	16.60	15.30
Potassium	40	1840	688	212.0 B	638.00 B	925.00 B	2210.00
Selenium	40	R(1)	R(1)	1.00 U	1.20 U	1.20 U	1.10 U
Silver	40	1.5 U	1.4 U	1.50 U	1.70 U	1.70 U	1.70 U
Sodium	40	986 K(1)	721	549	728.00 B	643.00 B	830.00 B
Thallium	40	0.21 UJ(1)	0.20 UJ(1)	0.23 B	0.25 B	0.33 B	0.38 B
Vanadium	40	29.8 K(1)	26.2	25.40	42.40	37.70	33.20
Zinc	40	33.6	19.4	32.50	39.10	34.10	37.60
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	PRB-13-1012	PRB-13-1214	PRB-14-0204	PRB-14-0204D	PRB-14-0406	PRB-14-0608
SAMPLE ID NUMBER:		00486-26S	00486-27S	00492-17S	00492-18S	00492-19S	PRB-14-0608
Aluminum	40	12200.00	9090.00	16700.00	18800.00	18800.00	14100.00
Antimony	40	7.0 U	6.70 U	6.50 U	5.90 U	6.70 U	7.0 U
Arsenic	40	0.91 U	0.90 B	3.20	3.90	1.40 B	1.60 B
Barium	40	105.00	195.00	60.10	53.30	69.90	180.00
Beryllium	40	0.44 B	0.63 B	1.0	1.10	1.30	1.10
Cadmium	40	0.87 U	0.84 U	0.81 U	0.73 U	0.84 U	2.40
Calcium	40	692.00 B	487.00 B	1230.00	1290.00	375.00 B	258.00 B
Chromium	40	29.00	33.40	22.90	24.20	24.80	24.00
Cobalt	40	9.80 B	12.40	12.20	10.10	10.10 B	19.60
Copper	40	9.0	6.30	16.20	16.30	9.90	7.70
Cyanide	40	2.80 U	3.20	1.40 U	1.80 U	2.0 U	1.60 U
Iron	40	34400.00	28500.00	23900.00	24200.00	23500.00	24700.00
Lead	40	7.40	7.50	8.40	8.50	6.30	4.70
Magnesium	40	1760.00	691.00 B	2760.00	2990.00	911.00 B	307.00 B
Manganese	40	308.00	1420.00	570.00	477.00	499.00	1330.00
Mercury	40	0.09 U	0.10 U	0.10 U	0.11 U	0.10 U	0.09 U
Nickel	40	13.30	13.70	12.40	14.70	10.70	24.90
Potassium	40	1830.00	747.00 B	1030.00	1170.00	634.00 B	262.00 B
Selenium	40	1.10 U	0.97 U	0.85 U	0.98 U	0.82 U	0.96 U
Silver	40	1.50 U	1.50 U	1.40 U	1.30 U	1.50 U	1.50 U
Sodium	40	892.00 B	756.00 B	763.00 B	790.00 B	746.00 B	836.00 B
Thallium	40	0.30 B	0.19 B	0.20 B	0.20 U	0.16 U	0.19 U
Vanadium	40	22.70	25.80	37.60	37.40	34.90	30.60
Zinc	40	30.80	27.30	40.20	39.00	21.20	29.50
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-14-0810	PRB-14-1012	PRB-15-0002	PRB-15-0204	PRB-15-0406	PRB-15-0406D
SAMPLE ID NUMBER:		PRB-14-0810	PRB-14-1012	00492-01S	00492-02S	00492-03S	00492-04S
Aluminum	40	16400.00	18100.00	16000.00	24500.00	18600.00	17300.00
Antimony	40	7.50 U	7.20 U	7.40 U	6.50 U	7.50 U	7.80 U
Arsenic	40	0.66 U	1.0 B	11.00	4.30	3.0	4.30
Barium	40	120.00	298.00	116.00	112.00	61.90	57.00
Beryllium	40	0.94 B	1.80	1.20	1.0	0.93 B	0.97 B
Cadmium	40	2.60	3.20	0.93 U	0.81 U	0.93 U	0.97 U
Calcium	40	486.00 B	668.00 B	7870.00	1090.00	969.00 B	850.00 B
Chromium	40	24.60	29.10	29.20	25.30	29.20	26.20
Cobalt	40	11.70	19.40	10.60 B	10.80	5.10 B	7.50 B
Copper	40	8.70	14.00	34.00	8.80	10.00	10.70
Cyanide	40	2.0 U	1.70 U	1.50 U	2.10 U	2.10 U	1.80 U
Iron	40	27900.00	35400.00	24800.00	21100.00	21200.00	23200.00
Lead	40	8.40	7.30	115.00	11.70	9.30	7.10
Magnesium	40	1280.00	1710.00	5400.00	2470.00	2560.00	2560.00
Manganese	40	812.00	1660.00	622.00	1610.00	179.00	341.00
Mercury	40	0.11 U	0.10 U	0.17	0.11 U	0.10 U	0.10 U
Nickel	40	15.00	22.10	16.70	17.50	11.90	13.10
Potassium	40	959.00 B	1790.00	1630.00	766.00 B	977.00 B	904.00 B
Selenium	40	0.82 U	9.40 U	1.10 U	1.10 U	0.96 U	1.0 U
Silver	40	1.60 U	1.60 U	1.60 U	1.40 U	1.60 U	1.70 U
Sodium	40	708.00 B	1250.00	801.00 B	641.00 B	652.00 B	704.00 B
Thallium	40	0.20 B	0.19 U	0.22 U	0.22 U	0.27 B	0.21 B
Vanadium	40	32.60	30.0	41.00	40.30	37.60	38.50
Zinc	40	27.20	43.40	95.80	47.10	33.10	36.10
DILUTION FACTOR:							
DATE SAMPLED:		08/29/91	08/29/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-15-0810	PRB-15-1214	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
SAMPLE ID NUMBER:		00492-05S	00492-06S	PRB-16-0002	PRB-16-0204	PRB-16-0406	PRB-16-0810
Aluminum	40	13000.00	9740.00	18000.00	18100.00	15000.00	12000.00
Antimony	40	6.50 U	7.40 U	6.60 U	7.60 U	6.90 U	6.60 U
Arsenic	40	0.81 U	0.79 U	4.70	5.60	2.90	1.50 B
Barium	40	383.00	301.00	97.30	52.70	45.60	75.20
Beryllium	40	1.0	1.20	1.0	0.48 B	0.22 B	0.62 B
Cadmium	40	0.81 U	0.92 B	2.50	3.10	2.60	1.20
Calcium	40	1060.00	823.00 B	13700.00	11200.00	545.00 B	469.00 B
Chromium	40	25.80	29.50	37.20	27.70	22.20	19.60
Cobalt	40	13.80	9.70 B	12.20	17.20	9.90 B	12.40
Copper	40	4.10 B	5.30 B	25.20	18.60	13.40	7.60
Cyanide	40	1.80 U	2.40 U	2.10 U	1.90 U	1.50 U	2.20 U
Iron	40	32000.00	29100.00	28200.00	26800.00	24100.00	21400.00
Lead	40	15.80	11.80	14.80	16.40	7.80	6.90
Magnesium	40	3010.00	1820.00	10600.00	7250.00	2310.00	1200.00
Manganese	40	1930.00	1530.00	765.00	482.00	608.00	750.00
Mercury	40	0.10 U	0.10 U	0.12 U	0.11 U	0.10 U	0.09 U
Nickel	40	21.90	12.20	19.60	17.20	13.20	12.20
Potassium	40	2840.00	1570.00	1230.00	1540.00	947.00 B	914.00 B
Selenium	40	1.0 U	0.98 U	1.10 U	0.86 U	1.10 U	0.77 U
Silver	40	1.40 U	1.60 U	1.40 U	1.70 U	1.50 U	1.40 U
Sodium	40	960.00 B	843.00 B	949.00 B	833.00 B	728.00 B	601.00 B
Thallium	40	0.34 B	0.22 B	0.26 B	0.41 B	0.26 B	0.15 U
Vanadium	40	23.00	31.80	46.90	39.80	34.10	31.20
Zinc	40	44.70	34.40	91.70	43.90	38.00	23.80
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/29/91	08/29/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
SAMPLE ID NUMBER:		PRB-16-1012	PRB-17-0002	PRB-17-0204	PRB-17-0204D	PRB-17-0406	PRB-17-0608
Aluminum	40	9050.00	22000.00	18600.00	18200.00	18000.00	14200.00
Antimony	40	6.90 U	7.30 U	6.90 U	7.10 U	6.70 U	7.20 U
Arsenic	40	2.60	7.0	3.50	4.10	1.70 B	1.90
Barium	40	422.00	77.60	60.10	56.60	68.80	68.60
Beryllium	40	1.50	0.92 B	0.87 B	0.89 B	0.83 B	0.90 B
Cadmium	40	2.40	1.80	1.50	1.10	1.20	0.90 B
Calcium	40	576.00 B	3120.00	1150.00	910.00 B	717.00 B	577.00 B
Chromium	40	13.80	30.90	25.20	23.60	22.90	21.70
Cobalt	40	30.20	9.20 B	14.10	15.20	13.30	14.00
Copper	40	12.50	16.20	16.30	14.70	12.90	10.90
Cyanide	40	2.50 U	2.50 U	2.40 U	2.30 U	2.30 U	2.20 U
Iron	40	25600.00	33300.00	28600.00	28000.00	27900.00	23400.00
Lead	40	4.80	15.10	8.50	8.40	8.40	6.60
Magnesium	40	1090.00	3770.00	3350.00	2990.00	1790.00	1780.00
Manganese	40	2310.00	267.00	427.00	474.00	567.00	1060.00
Mercury	40	0.11 U	0.10 U	0.10 U	0.10 U	0.12 U	0.10 U
Nickel	40	38.20	16.90	17.40	16.50	14.60	15.80
Potassium	40	374.00 B	1130.00 B	1180.00	941.00 B	1060.00	809.00 B
Selenium	40	1.10 U	1.20 U	1.10 U	1.0 U	1.0 U	0.93 U
Silver	40	1.50 U	1.60 U	1.50 U	1.60 U	1.50 U	1.60 U
Sodium	40	734.00 B	978.00 B	782.00 B	725.00 B	722.00 B	649.00 B
Thallium	40	0.23 U	0.45 B	0.23 U	0.20 U	0.21 U	0.19 U
Vanadium	40	27.40	47.80	46.20	45.50	39.70	34.20
Zinc	40	55.00	52.40	39.90	38.60	28.90	29.60
DILUTION FACTOR:							
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	* PRB-3-0002
SAMPLE LOCATION:		PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	PRB-3-0002
Aluminum	40	18400.00	17600.00	17500.00	10300.00	6800.00	17300
Antimony	40	7.0 U	7.20 U	6.80 U	6.30 U	6.70 U	R(1)
Arsenic	40	7.40	3.0	0.99 B	1.60 B	0.64 U	7.7
Barium	40	59.90	60.10	75.20	84.20	52.60	129
Beryllium	40	0.88 B	0.90 B	1.10	0.98	0.84 B	1.1 B
Cadmium	40	1.30	1.40	0.85 U	0.98	0.84 U	0.85 U
Calcium	40	2960.00	802.00 B	497.00 B	321.00 B	188.00 B	6400
Chromium	40	23.70	27.60	18.50	15.90	17.00	23.7
Cobalt	40	11.20	13.60	13.00	12.50	5.90 B	9.2
Copper	40	17.10	14.70	11.30	5.50	3.40 U	26.8
Cyanide	40	2.20 U	2.40 U	2.30 U	2.40 U	2.0 U	2.3 U
Iron	40	29800.00	29200.00	23300.00	20100.00	12900.00	21400
Lead	40	15.70	7.80	6.50	3.80	2.20	49.4 L(1)
Magnesium	40	3140.00	2930.00	1080.00	720.00 B	305.00 B	3570
Manganese	40	281.00	558.00	876.00	1180.00	511.00	867
Mercury	40	0.15 U	0.11 U	0.09 U	0.10 U	0.09 U	0.18 K(2)
Nickel	40	16.00	15.60	13.00	12.50	5.90 B	14.9
Potassium	40	748.00 B	1090.00 B	834.00 B	292.00 B	199.00 B	787
Selenium	40	0.95 U	0.85 U	1.10 U	1.0 U	0.80 U	R(1)
Silver	40	1.50 U	1.60 U	1.50 U	1.40 U	1.50 U	1.5 U
Sodium	40	557.00 B	775.00 B	658.00 B	387.00 B	413.00 B	704
Thallium	40	0.36 B	0.20 B	0.22 U	0.20 U	0.16 U	0.23 UJ(1)
Vanadium	40	45.00	48.80	27.90	29.40	24.90	35.6
Zinc	40	39.30	35.90	27.90	28.20	10.70	66.5
DILUTION FACTOR:							
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/30/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	* PRB-3-0204	* PRB-3-0204D	* PRB-3-0406	* PRB-3-0608	* PRB-4-0002	* PRB-4-0204
SAMPLE ID NUMBER:		PRB-3-0204	PRB-3-0204D	PRB-3-0406	PRB-3-0608	PRB-4-0002	PRB-4-0204
Aluminum	40	18600	16900	13100	14200	15000	19100
Antimony	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Arsenic	40	6.3	6.5	1.9	1.2	6.1	3.5
Barium	40	51.3 K(1)	46.7 K(1)	72.0 K(1)	67.0 K(1)	94.2	49.2 K(1)
Beryllium	40	1.2 B	1.2 B	1.1 B	1.0 B	1.0 B	1.1 B
Cadmium	40	0.93 UL(1)	0.96 UL(1)	0.92 UL(1)	0.82 UL(1)	0.82 U	0.88 UL(1)
Calcium	40	1020	971	390	703	1990	1040
Chromium	40	26.6	24.6	24.6	23.0	22.8	26.2
Cobalt	40	6.8	7.2	12.6	12.9	9.7	9.7
Copper	40	13.8	14.7 K(1)	9.0 K(1)	8.4 K(1)	19.3	17.0 K(1)
Cyanide	40	1.7 U	1.8 U	1.7 U	1.6 U	2.0 U	1.6 U
Iron	40	29400	27500	24200	23900	19100	23300
Lead	40	10.8 J(1,3)	14.1 J(1,3)	5.6 J(1,3)	5.5 J(1,3)	64.7 J(1,3)	8.4 J(1,3)
Magnesium	40	2430	2150	746	1110	2310	2660
Manganese	40	155 K(1)	170 K(1)	664 K(1)	456 K(1)	573	306 K(1)
Mercury	40	0.10 U	0.11 U	0.09 U	0.09 U	0.14 K(2)	0.10 U
Nickel	40	11.7	12.0	12.0	9.9	12.3	13.9
Potassium	40	960	757	568	736	779	945
Selenium	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Silver	40	1.6 U	1.7 U	1.6 U	1.4 U	1.4 U	1.5 U
Sodium	40	931 K(1)	895 K(1)	729 K(1)	648 K(1)	508	624 K(1)
Thallium	40	0.24 UJ(1)	0.24 UJ(1)	0.21 UJ(1)	0.22 UJ(1)	0.38 J(3)	0.32 J(3)
Vanadium	40	42.0 K(1)	39.0 K(1)	36.6 K(1)	35.1 K(1)	30.6	40.4 K(1)
Zinc	40	42.0	38.8	20.9	21.2	65.6	39.7
DILUTION FACTOR:							
DATE SAMPLED:		08/30/91	08/30/91	08/30/91	08/30/91	08/30/91	08/30/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL	* PRB-4-0406	* PRB-4-0608	* PRB-5-0204	* PRB-5-0204D	* PRB-5-0406	* PRB-5-0608
SAMPLE LOCATION:		* PRB-4-0406	* PRB-4-0608	* PRB-5-0204	* PRB-5-0204D	* PRB-5-0406	* PRB-5-0608
SAMPLE ID NUMBER:		PRB-4-0406	PRB-4-0608	PRB-5-0204	PRB-5-0204D	PRB-5-0406	PRB-5-0608
Aluminum	40	12600	10400	24100	20000	17000	11500
Antimony	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Arsenic	40	3.3	2.3	5.1	1.6	1.5	1.4
Barium	40	90.7 K(1)	59.6	75.3 K(1)	70.7 K(1)	68.5	73.2
Beryllium	40	1.1 B	1.0 B	1.2 B	1.0 B	1.1 B	1.1 B
Cadmium	40	0.86 UL(1)	0.80 U	0.92 UL(1)	0.82 UL(1)	0.88 U	0.87 U
Calcium	40	443	234	1100	1090	438	165
Chromium	40	10.6	17.0	27.2	22.7	23.6	18.4
Cobalt	40	12.0	8.4	9.7	10.2	7.7	5.9
Copper	40	30.7 K(1)	35.6	22.8 K(1)	26.0 K(1)	22.5	16.8
Cyanide	40	1.5 U	1.8 U	2.7 U	2.1 U	2.4 U	2.4 U
Iron	40	24500	18300	26200	24100	19300	14700
Lead	40	4.8 J(1,3)	4.0 J(1,3)	21.2 J(1,3)	17.1 J(1,3)	4.3 J(1,3)	2.4 J(1,3)
Magnesium	40	1200	656	2200	1750	593	261
Manganese	40	881 K(1)	545	742 K(1)	743 K(1)	330	404
Mercury	40	0.09 U	0.09 U	0.11 U	0.09 U	0.10 U	0.11 U
Nickel	40	11.4	9.8	15.9	12.9	9.6	8.7
Potassium	40	576	348	768	583	439	191
Selenium	40	R(1)	R(1)	R(1)	1.2 J(2,3)	R(1)	R(1)
Silver	40	1.5 U	1.4 U	1.6 U	1.4 U	1.5 U	1.5 U
Sodium	40	809 K(1)	635	872 K(1)	821 K(1)	682	554
Thallium	40	0.22 J(3)	0.20 UJ(1)	0.32 J(3)	0.22 J(3)	0.22 UJ(1)	0.20 UJ(1)
Vanadium	40	32.5 K(1)	30.0	43.5 K(1)	37.6 K(1)	35.7	28.2
Zinc	40	30.3	22.4	50.9	44.4	17.5	15.1
DILUTION FACTOR:							
DATE SAMPLED:		08/30/91	08/30/91	08/30/91	08/30/91	08/30/91	08/30/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-6-0002	* PRB-6-0204	* PRB-6-0406	* PRB-6-0608	* PRB-7-0002	* PRB-7-0204
SAMPLE ID NUMBER:		PRB-6-0002	PRB-6-0204	PRB-6-0406	PRB-6-0608	PRB-7-0002	PRB-7-0204
Aluminum	40	14900	20400	19700	9690	13100	16800
Antimony	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Arsenic	40	5.9	3.2	4.4	2.7	5.7	4.1
Barium	40	98.4	76.8	72.1	103	90.4	66.7 K(1)
Beryllium	40	1.1 B	1.0 B	1.0 B	1.3 B	1.2 B	1.2 B
Cadmium	40	0.88 U	0.81 U	0.82 U	0.84 U	1.6	1.0 L(1)
Calcium	40	4960	914	944	259	2130	13100
Chromium	40	21.5	23.6	20.1	11.3	24.2	33.7
Cobalt	40	8.1	6.6	8.8	9.6	8.1	10.5
Copper	40	24.8	24.2	37.8	29.7	35.5	25.0
Cyanide	40	2.5 U	2.3 U	1.8 U	1.8 U	2.2 UL(2)	2.3 UL(2)
Iron	40	19900	16800	18100	16900	18600	29800
Lead	40	44.8 L(1)	8.4 J(1,3)	17.0 J(1,3)	3.2 J(1,3)	59.8 K(2)	10.4 K(2)
Magnesium	40	3300	2200	1230	462	2300	7830
Manganese	40	536	238	475	769	436	471 L(1)
Mercury	40	0.09 U	0.10 U	0.11 U	0.09 U	0.36	0.10 U
Nickel	40	13.8	12.5	11.1	10.9	14.1	17.6
Potassium	40	1170	673	518	184	725	2590
Selenium	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Silver	40	1.5 U	1.4 U	1.4 U	1.5 U	3.0	1.4 U
Sodium	40	695	567	605	571	628	996 K(1)
Thallium	40	0.27 J(3)	0.20 UJ(1)	0.23 J(3)	0.22 UJ(1)	0.21 UJ(1)	0.33 B
Vanadium	40	32.3	36.1	29.6	19.5	28.8	46.4 K(1)
Zinc	40	72.3	34.9	38.0	30.4	87.4	59.5
DILUTION FACTOR:							
DATE SAMPLED:		08/30/91	08/30/91	08/30/91	08/30/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-7-0406	* PRB-7-0406D	* PRB-7-06075	* PRB-8-0002	* PRB-8-0204	* PRB-8-0406
SAMPLE ID NUMBER:		PRB-7-0406	PRB-7-0406D	PRB-7-06075	PRB-8-0002	PRB-8-0204	PRB-8-0406
Aluminum	40	12500	14600	9280	17700	14000	15100
Antimony	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Arsenic	40	1.8	1.8	0.71 U	6.7	4.0	0.89 U
Barium	40	89.5 K(1)	72.5	63.7	69.0 K(1)	53.4 K(1)	104 K(1)
Beryllium	40	1.3 B	1.2 B	0.98 B	1.1 B	1.1 B	1.1 B
Cadmium	40	0.87 L(1)	0.93 U	0.98	0.85 UL (1)	0.88 UL (1)	1.1 L(1)
Calcium	40	447	489	457	10000	1500	579
Chromium	40	25.3	21.0	21.7	32.2	21.9	27.6
Cobalt	40	6.9	8.6	9.8	10.2	12.7	13.9
Copper	40	14.9	17.3	12.1	23.3	14.4	13.5
Cyanide	40	2.7 UL(2)	2.1 UL(2)	2.2 UL(2)	2.3 UL(2)	2.7 UL(2)	2.1 UL(2)
Iron	40	23200	20200	17400	27900	23900	29200
Lead	40	6.7 K(2)	9.2 K(2)	2.6 K(2)	52.9 K(2)	9.6 K(2)	8.8 K(2)
Magnesium	40	1460	1320	1010	5950	3260	1990
Manganese	40	138 L(1)	191	500	379 L(1)	524 L(1)	465 L(1)
Mercury	40	0.12 U	0.10 U	0.10 U	0.10 U	0.10 U	0.11 U
Nickel	40	7.8	8.4	6.7	16.3	12.9	11.7
Potassium	40	701	989	597	2140	967	1580
Selenium	40	R(1)	R(1)	R(1)	R(1)	R(1)	R(1)
Silver	40	1.5 U	1.6 U	1.4 U	1.5 U	1.5 U	1.5 U
Sodium	40	716 K(1)	619	564	775 K(1)	579 K(1)	747 K(1)
Thallium	40	0.18 UJ(1)	0.21 B	0.18 UJ(1)	0.44 B	0.34 B	0.23 B
Vanadium	40	34.2 K(1)	29.8	28.8	45.1 K(1)	40.1 K(1)	26.0 K(1)
Zinc	40	23.2	22.1	22.3	179	38.3	31.3
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

COMPOUND	CRDL						
SAMPLE LOCATION:		* PRB-8-0608	* PRB-8-0810	PRB-9-0002	PRB-9-0204	PRB-9-0406	PRB-9-0608
SAMPLE ID NUMBER:		PRB-8-0608	PRB-8-0810	00492-07S	00492-08S	00492-09S	00492-10S
Aluminum	40	10500	9170	19400.00	17100.00	15200.00	18100.00
Antimony	40	R(1)	R(1)	7.40 U	6.80 U	6.90 U	7.20 U
Arsenic	40	0.71 U	0.75 U	6.10	5.40	1.20 B	0.91 B
Barium	40	80.7	90.4	65.30	70.70	69.90	143.00
Beryllium	40	1.3 B	1.2 B	1.20	1.30	1.10	1.80
Cadmium	40	0.88 U	0.79	0.92 U	0.85 U	0.86 U	0.90 U
Calcium	40	352	309	5330.00	6340.00	309.00 B	594.00 B
Chromium	40	240	10.4	32.40	30.80	25.70	27.00
Cobalt	40	6.6	7.5	7.40 B	9.0 B	17.50	9.90 B
Copper	40	9.5	10.4	18.20	22.60	17.50	21.80
Cyanide	40	2.6 UL(2)	2.4 UL(2)	2.50 U	2.70 U	2.60 U	2.0 U
Iron	40	19800	17600	30800.00	26100.00	23600.00	32400.00
Lead	40	3.3 K(2)	3.5 K(2)	12.70	20.00	6.80	18.40
Magnesium	40	722	634	3360.00	6020.00	701.00 B	1480.00
Manganese	40	238	462	228.00	410.00	518.00	318.00
Mercury	40	0.10 U	0.10 U	0.10 U	0.11	0.10 U	0.10 U
Nickel	40	5.9 U	7.9	13.60	16.20 U	7.60 B	16.20
Potassium	40	716	711	1150.00 B	2700.00	584.00 B	1480.00
Selenium	40	R(1)	R(1)	0.81 U	1.0	1.10 U	1.0 U
Silver	40	1.5 U	1.4 U	1.60 U	1.50 U	1.50 U	1.60 U
Sodium	40	582	616	760.00 B	742.00 U	744.00 B	1000.00 B
Thallium	40	0.18 UJ(1)	0.19 UJ(1)	0.16 U	0.27 B	0.22 U	0.21 U
Vanadium	40	30.4	25.7	44.60	42.30 B	30.10	30.80
Zinc	40	13.4	14.1	42.30	48.10	14.70	24.70
DILUTION FACTOR:							
DATE SAMPLED:		08/28/91	08/28/91	08/28/91	08/28/91	08/28/91	08/28/91
DATE EXTRACTED:							
DATE ANALYZED:							
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
INORGANIC SOIL ANALYSIS (TOTAL)
mg/kg

	SAMPLE LOCATION:	PRB-9-0810
	SAMPLE ID NUMBER:	00492-11S
COMPOUND	CRDL	
Aluminum	40	12900.00
Antimony	40	7.90 U
Arsenic	40	0.76 U
Barium	40	138.00
Beryllium	40	1.50
Cadmium	40	0.99 U
Calcium	40	676.00 B
Chromium	40	26.20
Cobalt	40	8.90 B
Copper	40	28.00
Cyanide	40	1.40 U
Iron	40	26600.00
Lead	40	6.30
Magnesium	40	1180.00 B
Manganese	40	617.00
Mercury	40	0.10 U
Nickel	40	10.40
Potassium	40	1320.00
Selenium	40	0.95 U
Silver	40	1.70 U
Sodium	40	819.00 B
Thallium	40	0.19 U
Vanadium	40	39.60
Zinc	40	18.60
	DILUTION FACTOR:	
	DATE SAMPLED:	08/28/91
	DATE EXTRACTED:	
	DATE ANALYZED:	
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	* PRB-3-0002
SAMPLE ID NUMBER:		PRB-18-0204	PRB-18-0406	PRB-18-0608	PRB-18-0810	PRB-18-1012	910496-01
1,1,1-Trichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	1 BJ	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	5 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	5 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	5 U	6 U	6 U
2-Butanone	10	11 U	12 U	11 U	11 U	11 U	11 U
2-Hexanone	10	11 U	12 U	11 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	12 U	11 U	11 U	11 U	11 U
Acetone	10	4 J	5 BJ	11 U	11 U	6 BJ	5 B
Benzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromoform	10	6 U	6 U	6 U	5 U	6 U	6 U
Bromomethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	5 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	5 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Chloroethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	5 U	6 U	6 U
Chloromethane	10	11 U	12 U	11 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	5 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	5 U	6 U	6 U
Methylene Chloride	10	6 U	6 U	6 U	2 J	6 U	6 U
Styrene	10	6 U	6 U	6 U	5 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	5 U	6 U	6 U
Toluene	10	6 U	6 U	6 U	5 U	6 U	6 U
Total Xylenes	10	6 U	6 U	6 U	5 U	6 U	6 U
Trichloroethene	10	6 U	6 U	6 U	5 U	6 U	6 U
Vinyl Acetate	10	11 U	12 U	11 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	12 U	11 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	5 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	5 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/04/91	09/04/91	09/04/91	09/05/91
PERCENTAGE MOISTURE:		13	14	13	9	12	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-3-0204	* PRB-3-0204D	* PRB-3-0406	* PRB-3-0608	* PRB-4-0002	* PRB-4-0204
SAMPLE ID NUMBER:		910496-02	910496-03	910496-04	910496-05	910496-06	910496-07
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	10	12 U	12 U	12 U	12 U	11 U	11 U
2-Hexanone	10	12 U	12 U	12 U	12 U	11 U	11 U
4-Methyl-2-pentanone	10	12 U	12 U	12 U	12 U	11 U	11 U
Acetone	10	7 B	12 U	12 U	12 U	11 U	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	10	12 U	12 U	12 U	12 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	10	12 U	12 U	12 U	12 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloromethane	10	12 U	12 U	12 U	12 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Methylene Chloride	10	2 B	6 U	4 B	3 B	4 B	4 B
Styrene	10	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	10	6 U	6 U	6 U	6 U	2 B	5 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl Acetate	10	12 U	12 U	12 U	12 U	11 U	11 U
Vinyl Chloride	10	12 U	12 U	12 U	12 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/31/91	08/31/91	08/31/91	08/31/91	08/31/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		09/05/91	09/05/91	09/05/91	09/05/91	09/05/91	09/05/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-4-0406	* PRB-4-0608	* PRB-5-0204	* PRB-5-0204D	* PRB-5-0406	* PRB-5-0608
SAMPLE ID NUMBER:		910496-08	910496-09	910496-10	910496-11	910496-12	910496-13
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,1-Dichloroethene	10	2 B	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	6 U	5 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	6 U	5 U
2-Butanone	10	11 U	11 U	12 U	11 U	11 U	11 U
2-Hexanone	10	11 U	11 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	11 U	11 U	12 U	11 U	11 U	11 U
Acetone	10	4 B	4 B	12 U	6 B	3 B	11 U
Benzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromoform	10	6 U	6 U	6 U	6 U	6 U	5 U
Bromomethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	6 U	5 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	6 U	5 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloroethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	6 U	5 U
Chloromethane	10	11 U	11 U	12 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	6 U	5 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	6 U	5 U
Methylene Chloride	10	3 B	2 B	1 B	3 B	3 B	3 B
Styrene	10	6 U	6 U	6 U	6 U	6 U	5 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Toluene	10	6 U	6 U	6 U	2 B	6 U	5 U
Total Xylenes	10	6 U	6 U	6 U	6 U	6 U	5 U
Trichloroethene	10	6 U	6 U	6 U	6 U	6 U	5 U
Vinyl Acetate	10	11 U	11 U	12 U	11 U	11 U	11 U
Vinyl Chloride	10	11 U	11 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	6 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/31/91	08/31/91	08/31/91	08/31/91	08/31/91	08/31/91
DATE EXTRACTED:							
DATE ANALYZED:		09/06/91	09/06/91	09/06/91	09/06/91	09/06/91	09/06/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-6-0002	* PRB-6-0204	* PRB-6-0406	* PRB-6-0608	* PRB-7-0002	* PRB-7-0204
SAMPLE ID NUMBER:		910496-14	910496-15	910496-16	910496-17	910486-01	910486-02
1,1,1-Trichloroethane	10	6 U	6 U	6 U	6 U	1 B	1 B
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	10	2 B	6 U	2 B	6 U	5 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	10	12 U	11 U	11 U	11 U	11 U	12 U
2-Hexanone	10	12 U	11 U	11 U	11 U	11 U	12 U
4-Methyl-2-pentanone	10	12 U	11 U	11 U	11 U	11 U	12 U
Acetone	10	12 U	6 B	3 B	11 U	7 J (1)	15
Benzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromomethane	10	12 U	11 U	11 U	11 U	11 U	12 U
Carbon Disulfide	10	6 U	6 U	6 U	6 U	5 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	5 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloroethane	10	12 U	11 U	11 U	11 U	11 U	12 U
Chloroform	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloromethane	10	12 U	11 U	11 U	11 U	11 U	12 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Methylene Chloride	10	1 B	1 B	4 B	6 UJ (1)	4 B	4 B
Styrene	10	6 U	6 U	6 U	6 U	5 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Toluene	10	1 B	6 U	1 B	6 U	5 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	5 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	10	12 U	11 U	11 U	11 U	11 U	12 U
Vinyl Chloride	10	12 U	11 U	11 U	11 U	11 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/31/91	08/31/91	08/31/91	08/31/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/06/91	09/06/91	09/06/91	09/06/91	09/04/91	09/04/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-7-0406	* PRB-7-0406D	* PRB-7-06075	* PRB-7-07508	* PRB-8-0002	* PRB-8-0204
SAMPLE ID NUMBER:		910486-03	910486-04	910486-05	910486-06	910486-07	910486-08
1,1,1-Trichloroethane	10	1 B	2 B	3 B	2 B	1 B	1 B
1,1,2,2-Tetrachloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,1-Dichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethane	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	6 U	6 U	5 U	6 U
1,2-Dichloropropane	10	6 U	6 U	6 U	6 U	5 U	6 U
2-Butanone	10	12 U	12 U	12 U	11 U	11 U	11 U
2-Hexanone	10	12 U	12 U	12 U	11 U	11 U	11 U
4-Methyl-2-pentanone	10	12 U	12 U	12 U	11 U	11 U	11 U
Acetone	10	12 U	11 J (1)	21	21	7 J (1)	11
Benzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromodichloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromoform	10	6 U	6 U	6 U	6 U	5 U	6 U
Bromomethane	10	12 U	12 U	12 U	11 U	11 U	11 U
Carbon Disulfide	10	6 U	6 U	1 J (1)	6 U	5 U	6 U
Carbon Tetrachloride	10	6 U	6 U	6 U	6 U	5 U	6 U
Chlorobenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Chloroethane	10	12 U	12 U	12 U	11 U	11 U	11 U
Chloroform	10	6 U	6 U	6 U	6 U	1 J (1)	6 U
Chloromethane	10	12 U	12 U	12 U	11 U	11 U	11 U
Dibromochloromethane	10	6 U	6 U	6 U	6 U	5 U	6 U
Ethylbenzene	10	6 U	6 U	6 U	6 U	5 U	6 U
Methylene Chloride	10	6 B	6 B	6 B	6 B	3 B	3 B
Styrene	10	6 U	6 U	6 U	6 U	5 U	6 U
Tetrachloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Toluene	10	6 U	6 U	6 U	6 U	5 U	6 U
Total Xylenes	10	6 U	6 U	6 U	6 U	5 U	6 U
Trichloroethene	10	6 U	6 U	6 U	6 U	5 U	6 U
Vinyl Acetate	10	12 U	12 U	12 U	11 U	11 U	11 U
Vinyl Chloride	10	12 U	12 U	12 U	11 U	11 U	11 U
cis-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	6 U	6 U	5 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/04/91	09/03/91	09/03/91	09/03/91	09/04/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
PRIVET ROAD
VOLATILE SOIL ANALYSIS
ug/kg

COMPOUND	CRDL	* PRB-8-0406	* PRB-8-0608	* PRB-8-0810	PRB-9-0002	PRB-9-0204	PRB-9-0406
SAMPLE ID NUMBER:		910486-09	910486-10	910486-11	PRB-9-0002	PRB-9-0204	PRB-9-0406
1,1,1-Trichloroethane	10	1 B	6 U	5 U	6 U	6 U	6 U
1,1,2,2-Tetrachloroethane	10	6 U	6 U	5 U	6 U	6 U	6 U
1,1,2-Trichloroethane	10	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethane	10	6 U	6 U	5 U	6 U	6 U	6 U
1,1-Dichloroethene	10	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethane	10	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloroethene(total)	10	6 U	6 U	5 U	6 U	6 U	6 U
1,2-Dichloropropane	10	6 U	6 U	5 U	6 U	6 U	6 U
2-Butanone	10	12 U	12 U	11 U	11 U	12 U	12 U
2-Hexanone	10	12 U	12 U	11 U	11 U	12 U	12 U
4-Methyl-2-pentanone	10	12 U	12 U	11 U	11 U	12 U	12 U
Acetone	10	9 J (1)	4 J (1)	6 J (1)	11 U	12 U	12 U
Benzene	10	6 U	6 U	5 U	6 U	6 U	6 U
Bromodichloromethane	10	6 U	6 U	5 U	6 U	6 U	6 U
Bromoform	10	6 U	6 U	5 U	6 U	6 U	6 U
Bromomethane	10	12 U	12 U	11 U	11 U	12 U	12 U
Carbon Disulfide	10	6 U	6 U	5 U	6 U	6 U	6 U
Carbon Tetrachloride	10	6 U	6 U	5 U	6 U	6 U	6 U
Chlorobenzene	10	6 U	6 U	5 U	6 U	6 U	6 U
Chloroethane	10	12 U	12 U	11 U	11 U	12 U	12 U
Chloroform	10	6 U	6 U	5 U	6 U	6 U	6 U
Chloromethane	10	12 U	12 U	11 U	11 U	12 U	12 U
Dibromochloromethane	10	6 U	6 U	5 U	6 U	6 U	6 U
Ethylbenzene	10	6 U	6 U	5 U	6 U	6 U	6 U
Methylene Chloride	10	6 B	6 U	5 U	6 U	6 U	6 U
Styrene	10	6 U	6 U	5 U	6 U	6 U	6 U
Tetrachloroethene	10	6 U	6 U	5 U	6 U	6 U	6 U
Toluene	10	6 U	6 U	5 U	6 U	6 U	6 U
Total Xylenes	10	6 U	6 U	5 U	6 U	6 U	6 U
Trichloroethene	10	6 U	6 U	5 U	6 U	6 U	6 U
Vinyl Acetate	10	12 U	12 U	11 U	11 U	12 U	12 U
Vinyl Chloride	10	12 U	12 U	11 U	11 U	12 U	12 U
cis-1,3-Dichloropropene	10	6 U	6 U	5 U	6 U	6 U	6 U
trans-1,3-Dichloropropene	10	6 U	6 U	5 U	6 U	6 U	6 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		08/29/91	08/29/91	08/29/91	08/29/91	08/29/91	08/29/91
DATE EXTRACTED:							
DATE ANALYZED:		09/04/91	09/03/91	09/03/91	09/04/91	09/04/91	09/04/91
PERCENTAGE MOISTURE:					13	14	16

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL TRIP BLANKS
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL						
	SAMPLE LOCATION:	TB-0828	TB-0829	TB-0904	TB-0909	TB-0910	TB-0911
	SAMPLE ID NUMBER:	910486-28	TB0829		910512-07	910512-10	910512-15
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	28 U	18	10 U	20	35	44
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	5 U	5 U	5 U	5 U	3 J	5 B
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	08/28/91	08/29/91	09/05/91	09/10/91	09/10/91	09/11/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/07/91	09/08/91	09/11/91	09/12/91	09/12/91	09/13/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL TRIP BLANKS
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	TB-0912	TB-0916	TB-0918	* TB-0919	TB-0920	TB-0923
SAMPLE ID NUMBER:		910512-17	910519-12	910526-14	910531-09	910535-07	91535-16
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	33	22 B	28 B	32	39	30
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	2 BJ	3 BJ	5 U	5 U	5 U	3 J(1)
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	1 J	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	1 J (2)	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/12/91	09/16/91	09/18/91	09/20/91	09/20/91	09/23/91
DATE EXTRACTED:							
DATE ANALYZED:		09/13/91	09/18/91	09/20/91	09/21/91	09/23/91	09/24/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL TRIP BLANKS
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	* TB-0924	TB-0925	* TB-0927	* TB-0930	TB-1007	TB-1008
SAMPLE LOCATION:		* TB-0924	TB-0925	* TB-0927	* TB-0930	TB-1007	TB-1008
SAMPLE ID NUMBER:		910543-12		910552-03	910552-07	9105	910562-06
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	40 J (4)	53	40	26	62	51
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	3 B	2 J	2 B (1)	2 B (1)	5 U	2 BJ
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/24/91	09/26/91	09/27/91	09/30/91	10/0	10/07/91
DATE EXTRACTED:							
DATE ANALYZED:		09/26/91	09/29/91	10/01/91	10/02/91	10/0	10/09/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	R-0916	R-0918	* R-0919	R-0920	R-0923	R-0925
SAMPLE ID NUMBER:		910519-11	910526-06	910531-08	910535-06	910535-15	
1,1,1-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U	10 U	10 U	10 U
Acetone	10	29 B	28 B	35	36	27	53
Benzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	10	3 BJ	5 U	5 U	5 U	5 U	2 J
Styrene	10	5 U	5 U	5 U	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	1 J (2)	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U	5 U	5 U	5 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/16/91	09/18/91	09/20/91	09/20/91	09/23/91	09/26/91
DATE EXTRACTED:							
DATE ANALYZED:		09/17/91	09/20/91	09/21/91	09/23/91	09/24/91	09/29/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	* R-0927	* R-0930	R-1007
	SAMPLE ID NUMBER:	910552-02	910552-06	9105
COMPOUND	CRDL			
1,1,1-Trichloroethane	10	5 U	5 U	5 U
1,1,2,2-Tetrachloroethane	10	5 U	5 U	5 U
1,1,2-Trichloroethane	10	5 U	5 U	5 U
1,1-Dichloroethane	10	5 U	5 U	5 U
1,1-Dichloroethene	10	5 U	5 U	5 U
1,2-Dichloroethane	10	5 U	5 U	5 U
1,2-Dichloroethene(total)	10	5 U	5 U	5 U
1,2-Dichloropropane	10	5 U	5 U	5 U
2-Butanone	10	10 U	10 U	10 U
2-Hexanone	10	10 U	10 U	10 U
4-Methyl-2-pentanone	10	10 U	10 U	10 U
Acetone	10	53 B (2)	39 B (2)	48
Benzene	10	5 U	5 U	5 U
Bromodichloromethane	10	5 U	5 U	5 U
Bromoform	10	5 U	5 U	5 U
Bromomethane	10	10 U	10 U	10 U
Carbon Disulfide	10	5 U	5 U	5 U
Carbon Tetrachloride	10	5 U	5 U	5 U
Chlorobenzene	10	5 U	5 U	5 U
Chloroethane	10	10 U	10 U	10 U
Chloroform	10	5 U	5 U	5 U
Chloromethane	10	10 U	10 U	10 U
Dibromochloromethane	10	5 U	5 U	5 U
Ethylbenzene	10	5 U	5 U	5 U
Methylene Chloride	10	2 B (1)	5 U	5 U
Styrene	10	5 U	5 U	5 U
Tetrachloroethene	10	5 U	5 U	5 U
Toluene	10	5 U	5 U	5 U
Total Xylenes	10	5 U	5 U	5 U
Trichloroethene	10	5 U	5 U	5 U
Vinyl Acetate	10	10 U	10 U	10 U
Vinyl Chloride	10	10 U	10 U	10 U
cis-1,3-Dichloropropene	10	5 U	5 U	5 U
trans-1,3-Dichloropropene	10	5 U	5 U	5 U
	DILUTION FACTOR:	1.0	1.0	1.0
	DATE SAMPLED:	09/27/91	09/30/91	10/0
	DATE EXTRACTED:			
	DATE ANALYZED:	10/01/91	10/02/91	10/0
	PERCENTAGE MOISTURE:			

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
PESTICIDES/PCB AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL	R-0916	R-0918	* R-0919	R-0923	R-0925	* R-0927
SAMPLE ID NUMBER:		910519-11	910526-06	910531-08	910535-15		910552-02
4,4'-DDD	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDE	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
4,4'-DDT	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Aldrin	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
Aroclor-1016	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1221	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1232	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1242	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1248	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Aroclor-1254	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Aroclor-1260	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dieldrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan I	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
Endosulfan II	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endosulfan Sulfate	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Endrin Ketone	0.05	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Heptachlor	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
Heptachlor Epoxide	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
Methoxychlor	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Toxaphene	0.05	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
alpha-BHC	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
alpha-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
beta-BHC	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
delta-BHC	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
gamma-BHC(Lindane)	0.05	0.050 U	0.050 U	0.05 U	0.05 U	0.050 U	0.05 U
gamma-Chlordane	0.05	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/16/91	09/18/91	09/20/91	09/23/91	09/26/91	09/27/91
DATE EXTRACTED:							
DATE ANALYZED:		10/04/91	10/14/91	10/08/91	10/14/91	10/18/91	10/18/91
PERCENTAGE MOISTURE:							

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
PESTICIDES/PCB AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	* R-0930
	SAMPLE ID NUMBER:	910552-06
COMPOUND	CRDL	
4,4'-DDD	0.05	0.10 U
4,4'-DDE	0.05	0.10 U
4,4'-DDT	0.05	0.10 U
Aldrin	0.05	0.05 U
Aroclor-1016	0.05	0.50 U
Aroclor-1221	0.05	0.50 U
Aroclor-1232	0.05	0.50 U
Aroclor-1242	0.05	0.50 U
Aroclor-1248	0.05	0.50 U
Aroclor-1254	0.05	1.0 U
Aroclor-1260	0.05	1.0 U
Dieldrin	0.05	0.10 U
Endosulfan I	0.05	0.05 U
Endosulfan II	0.05	0.10 U
Endosulfan Sulfate	0.05	0.10 U
Endrin	0.05	0.10 U
Endrin Ketone	0.05	0.10 U
Heptachlor	0.05	0.05 U
Heptachlor Epoxide	0.05	0.05 U
Methoxychlor	0.05	0.50 U
Toxaphene	0.05	1.0 U
alpha-BHC	0.05	0.05 U
alpha-Chlordane	0.05	0.50 U
beta-BHC	0.05	0.05 U
delta-BHC	0.05	0.05 U
gamma-BHC(Lindane)	0.05	0.05 U
gamma-Chlordane	0.05	0.50 U
	DILUTION FACTOR:	1.0
	DATE SAMPLED:	09/27/91
	DATE EXTRACTED:	
	DATE ANALYZED:	10/18/91
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

	SAMPLE LOCATION:	R-0916	R-0918	R-0919	* R-0923	R-0925	* R-0927
	SAMPLE ID NUMBER:	00519-11S	00526-06S	00531-08S	R0923	00546-19S	R-0927
COMPOUND	CRDL						
Aluminum	200	76.0 B	1224 B	80.00 B	72.00 UJ(2)	200.00	110 B
Antimony	200	45.0 U	45.0 U	45.00 U	45.00 U	45.00 U	45.0 U
Arsenic	200	2.0 U	2.0 U	2.00 U	2.00 U	2.0 U	2.0 U
Barium	200	3.0 U	3.0 U	4.00 B	3.00 U	3.0 U	3.0 U
Beryllium	200	4.0 B	3.0 B	4.00 B	3.00 B	4.0 B	4.0 B
Cadmium	200	4.0 U	4.0 U	4.00 U	4.00 U	4.0 U	4.0 U
Calcium	200	150 B	133 B	201.00 B	206.00	204.00 B	189 B
Chromium	200	7.0 U	7.0 U	7.00 U	7.00 U	7.0 U	7.0 U
Cobalt	200	10.0 U	10.0 U	10.00 U	10.00 U	10.00 U	10.0 U
Copper	200	5.0 B	6.0 B	8.00 B	5.00 B	3.0 B	12.0 B
Cyanide	200	12.5 U	10.0 U	10.00 U	10.00 U	10.00 U	10.0 U
Iron	200	46.0 B	48.0 B	52.00 B	32.00 B	93.00 B	46.0 B
Lead	200	1.0 U	1.0 U	1.00 U	1.00 U	1.0 U	1.0 U
Magnesium	200	88.0 B	40.0 U	59.00 B	60.00	219.00 B	55.0
Manganese	200	1.0 B	1.0 B	1.00 B	1.00 U	2.0 B	1.0
Mercury	200	0.50	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	200	12.0 U	12.0 U	12.00 U	12.00 U	13.00 B	12.0
Potassium	200	2140 U	2140 U	2140.00 U	2140.00 U	2140.00 U	2140 U
Selenium	200	4.0 U	4.0 U	4.00 U	4.00 UL(1)	4.0 U	R(1)
Silver	200	6.0 U	6.0 U	6.00 U	6.00 U	6.0 U	6.0 U
Sodium	200	4450 U	4450 U	4450.00 U	4450.00	4450.00 U	4450 U
Thallium	200	2.0 U	2.0 U	2.00 U	2.00 UJ(1)	2.0 U	2.0 U
Vanadium	200	4.0 U	4.0 B	4.00 U	4.00 U	4.0 B	4.0 U
Zinc	200	5.0 B	5.0 B	6.00 B	4.00 B	4.0 B	3.0 B
	DILUTION FACTOR:						
	DATE SAMPLED:	09/16/91	09/18/91	09/19/91	09/23/91	09/25/91	09/30/91
	DATE EXTRACTED:						
	DATE ANALYZED:						
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
INORGANIC AQUEOUS ANALYSIS (TOTAL)
ug/L

	SAMPLE LOCATION:	* R-0930
	SAMPLE ID NUMBER:	R-0930
COMPOUND	CRDL	
Aluminum	200	114 B
Antimony	200	45.0 U
Arsenic	200	2.0 U
Barium	200	3.0 U
Beryllium	200	3.0 B
Cadmium	200	4.0 U
Calcium	200	203 B
Chromium	200	7.0 U
Cobalt	200	10.0 U
Copper	200	8.0 B
Cyanide	200	10.0 U
Iron	200	43.0 B
Lead	200	1.0 U
Magnesium	200	55.0
Manganese	200	2.0
Mercury	200	0.20 U
Nickel	200	12.0 U
Potassium	200	2140 U
Selenium	200	R(1)
Silver	200	6.0 U
Sodium	200	4450 U
Thallium	200	2.0 U
Vanadium	200	4.0 U
Zinc	200	2.0 B
	DILUTION FACTOR:	
	DATE SAMPLED:	09/30/91
	DATE EXTRACTED:	
	DATE ANALYZED:	
	PERCENTAGE MOISTURE:	

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

COMPOUND	CRDL						
	SAMPLE LOCATION:	R-0916	R-0918	* R-0919	R-0923	R-0925	* R-0927
	SAMPLE ID NUMBER:	910519-11	910526-06	910531-08	910535-15	R-0925	910552-02
1,2,4-Trichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,2-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,3-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dichlorobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
2,4-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
2-Nitrophenol	10	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	10	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4,6-Dinitro-2-Methylphenol	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Bromophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl-Phenylether	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol	10	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	10	50 U	50 U	50 U	50 U	50 U	50 U
4-Nitrophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Acenaphthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(b)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(g,h,i)perylene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Benzoic Acid	10	7 J	50 U	50 U	50 U	6 J	50 U
Benzyl Alcohol	10	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-ethylhexyl)phthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Butylbenzylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-butylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Di-n-octylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Dibenz(a,h)anthracene	10	10 U	10 U	10 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/16/91	09/18/91	09/20'91	09/23/91	09/25/91	09/27/91
	DATE EXTRACTED:						

DATE ANALYZED:	09/20/91	09/27/91	09/25/91	09/26/91	09/28/91	10/02/91
PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
QUALITY CONTROL RINSATES
SEMI-VOLATILE AQUEOUS ANALYSIS
ug/L

	SAMPLE LOCATION:	R-0916	R-0918	* R-0919	R-0923	R-0925	* R-0927
	SAMPLE ID NUMBER:	910519-11	910526-06	910531-08	910535-15	R-0925	910552-02
Dibenzofuran	10	10 U	10 U	10 U	10 U	10 U	10 U
Diethylphthalate	10	10 U	10 U	10 U	10 U	1 J	10 U
Dimethylphthalate	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	10	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	10	10 U	10 U	10 UJ (1)	10 U	10 U	10 U
Hexachlorobutadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	10	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	10	10 U	10 U	10 U	10 U	10 U	10 U
Indeno(1,2,3-cd)pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	10	10 U	10 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	10	10 U	10 U	10 U	10 U	10 U	10 U
N-nitrosodiphenylamine(1)	10	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
Nitrobenzene	10	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	10	50 U	50 U	50 U	50 U	50 U	50 U
Phenanthrene	10	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	10	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroethyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
bis(2-Chloroisopropyl) ether	10	10 U	10 U	10 U	10 U	10 U	10 U
	DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0	1.0
	DATE SAMPLED:	09/16/91	09/18/91	09/20'91	09/23/91	09/25/91	09/27/91
	DATE EXTRACTED:						
	DATE ANALYZED:	09/20/91	09/27/91	09/25/91	09/26/91	09/28/91	10/02/91
	PERCENTAGE MOISTURE:						

* INDICATES VALIDATED SAMPLE

NAS WILLOW GROVE
SAMPLE DATA QUALIFIERS
NINTH STREET LANDFILL

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
9SL-S1	A	SEMIVOLATILE SOIL ANALYSES
9SL-S1	E	VOLATILE SOIL ANALYSES
9SL-S1	U	INORGANIC SOIL ANALYSES
9SL-S10	A	SEMIVOLATILE SOIL ANALYSES
9SL-S10	E	VOLATILE SOIL ANALYSES
9SL-S10	U	INORGANIC SOIL ANALYSES
9SL-S11	A	SEMIVOLATILE SOIL ANALYSES
9SL-S11	E	VOLATILE SOIL ANALYSES
9SL-S11	U	INORGANIC SOIL ANALYSES
9SL-S12	A	SEMIVOLATILE SOIL ANALYSES
9SL-S12	E	VOLATILE SOIL ANALYSES
9SL-S12	U	INORGANIC SOIL ANALYSES
9SL-S13	A	SEMIVOLATILE SOIL ANALYSES
9SL-S13	E	VOLATILE SOIL ANALYSES
9SL-S13	U	INORGANIC SOIL ANALYSES
9SL-S14	A	SEMIVOLATILE SOIL ANALYSES
9SL-S14	E	VOLATILE SOIL ANALYSES
9SL-S14	U	INORGANIC SOIL ANALYSES
9SL-S15	A	SEMIVOLATILE SOIL ANALYSES
9SL-S15	E	VOLATILE SOIL ANALYSES
9SL-S15	U	INORGANIC SOIL ANALYSES
9SL-S16	A	SEMIVOLATILE SOIL ANALYSES
9SL-S16	E	VOLATILE SOIL ANALYSES
9SL-S16	U	INORGANIC SOIL ANALYSES
9SL-S16	U	INORGANIC SOIL ANALYSES
9SL-S16D	A	SEMIVOLATILE SOIL ANALYSES
9SL-S16D	E	VOLATILE SOIL ANALYSES
9SL-S2	A	SEMIVOLATILE SOIL ANALYSES
9SL-S2	E	VOLATILE SOIL ANALYSES
9SL-S2	U	INORGANIC SOIL ANALYSES
9SL-S3	A	SEMIVOLATILE SOIL ANALYSES
9SL-S3	E	VOLATILE SOIL ANALYSES
9SL-S3	U	INORGANIC SOIL ANALYSES
9SL-S4	A	SEMIVOLATILE SOIL ANALYSES
9SL-S4	E	VOLATILE SOIL ANALYSES
9SL-S4	U	INORGANIC SOIL ANALYSES
9SL-S5	A	SEMIVOLATILE SOIL ANALYSES
9SL-S5	E	VOLATILE SOIL ANALYSES
9SL-S5	U	INORGANIC SOIL ANALYSES
9SL-S6	A	SEMIVOLATILE SOIL ANALYSES
9SL-S6	E	VOLATILE SOIL ANALYSES
9SL-S6	U	INORGANIC SOIL ANALYSES
9SL-S7	A	SEMIVOLATILE SOIL ANALYSES
9SL-S7	E	VOLATILE SOIL ANALYSES
9SL-S7	U	INORGANIC SOIL ANALYSES
9SL-S8	E	VOLATILE SOIL ANALYSES
9SL-S8	U	INORGANIC SOIL ANALYSES
9SL-S9	A	SEMIVOLATILE SOIL ANALYSES
9SL-S9	E	VOLATILE SOIL ANALYSES
9SL-S9	U	INORGANIC SOIL ANALYSES
9SLW-1BF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-1B	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-1CF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-1C	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-3BF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-3B	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-3CF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-3C	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-3CDF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-3CD	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-4BF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-4B	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-4CF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-4C	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SLW-5F	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
9SLW-5	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
9SL-S8	A	SEMIVOLATILE SOIL ANALYSES

ANTENNA FIELD LANDFILL

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
AL-SWS-4B	D	SEMIVOLATILE AQUEOUS ANALYSES

AL-SWS-4B	N	VOLATILE AQUEOUS ANALYSES
AL-SWS-4B	W	INORGANIC AQUEOUS ANALYSES
ALSS-1	B	SEMIVOLATILE SOIL ANALYSES
ALSS-1	F	VOLATILE SOIL ANALYSES
ALSS-1	V	INORGANIC SOIL ANALYSES
ALSS-10	B	SEMIVOLATILE SOIL ANALYSES
ALSS-10	F	VOLATILE SOIL ANALYSES
ALSS-10	V	INORGANIC SOIL ANALYSES
ALSS-10D	B	SEMIVOLATILE SOIL ANALYSES
ALSS-10D	F	VOLATILE SOIL ANALYSES
ALSS-10D	V	INORGANIC SOIL ANALYSES
ALSS-11	B	SEMIVOLATILE SOIL ANALYSES
ALSS-11	F	VOLATILE SOIL ANALYSES
ALSS-11	V	INORGANIC SOIL ANALYSES
ALSS-12	B	SEMIVOLATILE SOIL ANALYSES
ALSS-12	F	VOLATILE SOIL ANALYSES
ALSS-12	V	INORGANIC SOIL ANALYSES
ALSS-2	B	SEMIVOLATILE SOIL ANALYSES
ALSS-2	F	VOLATILE SOIL ANALYSES
ALSS-2	V	INORGANIC SOIL ANALYSES
ALSS-3	B	SEMIVOLATILE SOIL ANALYSES
ALSS-3	F	VOLATILE SOIL ANALYSES
ALSS-3	V	INORGANIC SOIL ANALYSES
ALSS-4	B	SEMIVOLATILE SOIL ANALYSES
ALSS-4	F	VOLATILE SOIL ANALYSES
ALSS-4	V	INORGANIC SOIL ANALYSES
ALSS-4D	B	SEMIVOLATILE SOIL ANALYSES
ALSS-4D	F	VOLATILE SOIL ANALYSES
ALSS-4D	V	INORGANIC SOIL ANALYSES
ALSS-5	B	SEMIVOLATILE SOIL ANALYSES
ALSS-5	F	VOLATILE SOIL ANALYSES
ALSS-5	V	INORGANIC SOIL ANALYSES
ALSS-6	B	SEMIVOLATILE SOIL ANALYSES
ALSS-6	F	VOLATILE SOIL ANALYSES
ALSS-6	V	INORGANIC SOIL ANALYSES
ALSS-7	B	SEMIVOLATILE SOIL ANALYSES
ALSS-7	F	VOLATILE SOIL ANALYSES
ALSS-7	V	INORGANIC SOIL ANALYSES
ALSS-8	B	SEMIVOLATILE SOIL ANALYSES
ALSS-8	F	VOLATILE SOIL ANALYSES
ALSS-8	V	INORGANIC SOIL ANALYSES
ALSS-9	B	SEMIVOLATILE SOIL ANALYSES
ALSS-9	F	VOLATILE SOIL ANALYSES
ALSS-9	V	INORGANIC SOIL ANALYSES

FIRE TRAINING AREA

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
FTAB-13-0204	H	VOLATILE SOIL ANALYSES
FTAB-13-0204	Q	VOLATILE SOIL ANALYSES
FTAB-13-0406	H	VOLATILE SOIL ANALYSES
FTAB-13-0406	Q	VOLATILE SOIL ANALYSES
FTAB-13-0406D	H	VOLATILE SOIL ANALYSES
FTAB-13-0406D	Q	VOLATILE SOIL ANALYSES
FTAB-13-0608	H	VOLATILE SOIL ANALYSES
FTAB-13-0608	Q	VOLATILE SOIL ANALYSES
FTAB-13-1012	H	VOLATILE SOIL ANALYSES
FTAB-13-1012	Q	VOLATILE SOIL ANALYSES
FTAB-13-1214	H	VOLATILE SOIL ANALYSES
FTAB-13-1214	Q	VOLATILE SOIL ANALYSES
FTAB-14-0406	H	VOLATILE SOIL ANALYSES
FTAB-14-0406	Q	VOLATILE SOIL ANALYSES
FTAB-14-0608	H	VOLATILE SOIL ANALYSES
FTAB-14-0608	Q	VOLATILE SOIL ANALYSES
FTAB-14-0810	H	VOLATILE SOIL ANALYSES
FTAB-14-0810	Q	VOLATILE SOIL ANALYSES
FTAB-14-1012	H	VOLATILE SOIL ANALYSES
FTAB-14-1012	Q	VOLATILE SOIL ANALYSES
FTAB-14-1209	H	VOLATILE SOIL ANALYSES
FTAB-14-1209	Q	VOLATILE SOIL ANALYSES
FTAB-14-1209D	H	VOLATILE SOIL ANALYSES
FTAB-14-1209D	Q	VOLATILE SOIL ANALYSES
FTAB-15-0002	H	VOLATILE SOIL ANALYSES
FTAB-15-0002	Q	VOLATILE SOIL ANALYSES
FTAB-15-0406	H	VOLATILE SOIL ANALYSES
FTAB-15-0406	Q	VOLATILE SOIL ANALYSES
FTAB-15-0406D	H	VOLATILE SOIL ANALYSES
FTAB-15-0406D	Q	VOLATILE SOIL ANALYSES

FTAB-15-0810	H	VOLATILE SOIL ANALYSES
FTAB-15-0810	Q	VOLATILE SOIL ANALYSES
FTAB-15-1214	H	VOLATILE SOIL ANALYSES
FTAB-15-1214	Q	VOLATILE SOIL ANALYSES
FTAB-15-1618	H	VOLATILE SOIL ANALYSES
FTAB-15-1618	Q	VOLATILE SOIL ANALYSES
FTAB-16-0406	H	VOLATILE SOIL ANALYSES
FTAB-16-0406	Q	VOLATILE SOIL ANALYSES
FTAB-16-0608	H	VOLATILE SOIL ANALYSES
FTAB-16-0608	Q	VOLATILE SOIL ANALYSES
FTAB-16-1012	I	VOLATILE SOIL ANALYSES
FTAB-16-1214	I	VOLATILE SOIL ANALYSES
FTAB-16-1416	I	VOLATILE SOIL ANALYSES
FTAB-5-0002	G	VOLATILE SOIL ANALYSES
FTAB-5-0204	G	VOLATILE SOIL ANALYSES
FTAB-5-0406	G	VOLATILE SOIL ANALYSES
FTAB-5-0406D	G	VOLATILE SOIL ANALYSES
FTAB-5-1012	G	VOLATILE SOIL ANALYSES
FTAB-6-0002	G	VOLATILE SOIL ANALYSES
FTAB-6-0204	G	VOLATILE SOIL ANALYSES
FTAB-6-0406	G	VOLATILE SOIL ANALYSES
FTAB-6-0608	G	VOLATILE SOIL ANALYSES
FTAB-6-1012	G	VOLATILE SOIL ANALYSES
FTAB-7-0002	G	VOLATILE SOIL ANALYSES
FTAB-7-0204	G	VOLATILE SOIL ANALYSES
FTAB-7-0406	G	VOLATILE SOIL ANALYSES
FTAB-7-0608	G	VOLATILE SOIL ANALYSES
FTAB-7-0608D	G	VOLATILE SOIL ANALYSES
FTAB-8-0002	G	VOLATILE SOIL ANALYSES
FTAB-8-0406	G	VOLATILE SOIL ANALYSES
FTAB-8-0608	G	VOLATILE SOIL ANALYSES
FTAB-8-1012	G	VOLATILE SOIL ANALYSES
FTAB-5-0608	G	VOLATILE SOIL ANALYSES
FTAW-1B	J	VOLATILE AQUEOUS ANALYSES
FTAW-5	J	VOLATILE AQUEOUS ANALYSES
FTAW-5D	J	VOLATILE AQUEOUS ANALYSES
FTAW-6	J	VOLATILE AQUEOUS ANALYSES
FTAW-6B	J	VOLATILE AQUEOUS ANALYSES
FTAW-7	J	VOLATILE AQUEOUS ANALYSES
FTAW-7B	J	VOLATILE AQUEOUS ANALYSES

PRIVET ROAD

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
PRB-11-0002	L	VOLATILE SOIL ANALYSES
PRB-11-0002	P	PESTICIDE/PCB SOIL ANALYSES
PRB-11-0002	Y	INORGANIC SOIL ANALYSES
PRB-11-0204	L	VOLATILE SOIL ANALYSES
PRB-11-0204	P	PESTICIDE/PCB SOIL ANALYSES
PRB-11-0204	Y	INORGANIC SOIL ANALYSES
PRB-11-0608	L	VOLATILE SOIL ANALYSES
PRB-11-0608	P	PESTICIDE/PCB SOIL ANALYSES
PRB-11-0608	Y	INORGANIC SOIL ANALYSES
PRB-11-0810	L	VOLATILE SOIL ANALYSES
PRB-11-0810	P	PESTICIDE/PCB SOIL ANALYSES
PRB-11-0810	Y	INORGANIC SOIL ANALYSES
PRB-12-0002	L	VOLATILE SOIL ANALYSES
PRB-12-0002	P	PESTICIDE/PCB SOIL ANALYSES
PRB-12-0002	Y	INORGANIC SOIL ANALYSES
PRB-12-0406	L	VOLATILE SOIL ANALYSES
PRB-12-0406	P	PESTICIDE/PCB SOIL ANALYSES
PRB-12-0406	Y	INORGANIC SOIL ANALYSES
PRB-12-0608	L	VOLATILE SOIL ANALYSES
PRB-12-0608	P	PESTICIDE/PCB SOIL ANALYSES
PRB-12-0608	Y	INORGANIC SOIL ANALYSES
PRB-12-0608D	L	VOLATILE SOIL ANALYSES
PRB-12-0608D	P	PESTICIDE/PCB SOIL ANALYSES
PRB-12-0608D	Y	INORGANIC SOIL ANALYSES
PRB-12-0810	L	VOLATILE SOIL ANALYSES
PRB-12-0810	P	PESTICIDE/PCB SOIL ANALYSES
PRB-12-0810	Y	INORGANIC SOIL ANALYSES
PRB-3-0002	K	VOLATILE SOIL ANALYSES
PRB-3-0002	O	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0002	X	INORGANIC SOIL ANALYSES
PRB-3-0204	K	VOLATILE SOIL ANALYSES
PRB-3-0204	O	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0204	P	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0204	X	INORGANIC SOIL ANALYSES

PRB-3-0204D	K	VOLATILE SOIL ANALYSES
PRB-3-0204D	O	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0204D	X	INORGANIC SOIL ANALYSES
PRB-3-0406	K	VOLATILE SOIL ANALYSES
PRB-3-0406	O	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0406	X	INORGANIC SOIL ANALYSES
PRB-3-0608	K	VOLATILE SOIL ANALYSES
PRB-3-0608	O	PESTICIDE/PCB SOIL ANALYSES
PRB-3-0608	X	INORGANIC SOIL ANALYSES
PRB-4-0002	K	VOLATILE SOIL ANALYSES
PRB-4-0002	O	PESTICIDE/PCB SOIL ANALYSES
PRB-4-0002	X	INORGANIC SOIL ANALYSES
PRB-4-0204	K	VOLATILE SOIL ANALYSES
PRB-4-0204	O	PESTICIDE/PCB SOIL ANALYSES
PRB-4-0204	X	INORGANIC SOIL ANALYSES
PRB-4-0406	K	VOLATILE SOIL ANALYSES
PRB-4-0406	O	PESTICIDE/PCB SOIL ANALYSES
PRB-4-0406	X	INORGANIC SOIL ANALYSES
PRB-4-0608	K	VOLATILE SOIL ANALYSES
PRB-4-0608	O	PESTICIDE/PCB SOIL ANALYSES
PRB-4-0608	X	INORGANIC SOIL ANALYSES
PRB-5-0204	K	VOLATILE SOIL ANALYSES
PRB-5-0204	O	PESTICIDE/PCB SOIL ANALYSES
PRB-5-0204	X	INORGANIC SOIL ANALYSES
PRB-5-0204D	K	VOLATILE SOIL ANALYSES
PRB-5-0204D	O	PESTICIDE/PCB SOIL ANALYSES
PRB-5-0204D	X	INORGANIC SOIL ANALYSES
PRB-5-0406	K	VOLATILE SOIL ANALYSES
PRB-5-0406	O	PESTICIDE/PCB SOIL ANALYSES
PRB-5-0406	X	INORGANIC SOIL ANALYSES
PRB-5-0608	K	VOLATILE SOIL ANALYSES
PRB-5-0608	O	PESTICIDE/PCB SOIL ANALYSES
PRB-5-0608	X	INORGANIC SOIL ANALYSES
PRB-6-0002	K	VOLATILE SOIL ANALYSES
PRB-6-0002	O	PESTICIDE/PCB SOIL ANALYSES
PRB-6-0002	X	INORGANIC SOIL ANALYSES
PRB-6-0204	K	VOLATILE SOIL ANALYSES
PRB-6-0204	O	PESTICIDE/PCB SOIL ANALYSES
PRB-6-0204	X	INORGANIC SOIL ANALYSES
PRB-6-0406	K	VOLATILE SOIL ANALYSES
PRB-6-0406	O	PESTICIDE/PCB SOIL ANALYSES
PRB-6-0406	X	INORGANIC SOIL ANALYSES
PRB-6-0608	K	VOLATILE SOIL ANALYSES
PRB-6-0608	O	PESTICIDE/PCB SOIL ANALYSES
PRB-6-0608	X	INORGANIC SOIL ANALYSES
PRB-7-0002	L	VOLATILE SOIL ANALYSES
PRB-7-0002	P	PESTICIDE/PCB SOIL ANALYSES
PRB-7-0002	Y	INORGANIC SOIL ANALYSES
PRB-7-0204	L	VOLATILE SOIL ANALYSES
PRB-7-0204	Y	INORGANIC SOIL ANALYSES
PRB-7-0406	L	VOLATILE SOIL ANALYSES
PRB-7-0406	P	PESTICIDE/PCB SOIL ANALYSES
PRB-7-0406	Y	INORGANIC SOIL ANALYSES
PRB-7-0406D	L	VOLATILE SOIL ANALYSES
PRB-7-0406D	P	PESTICIDE/PCB SOIL ANALYSES
PRB-7-0406D	Y	INORGANIC SOIL ANALYSES
PRB-7-06075	L	VOLATILE SOIL ANALYSES
PRB-7-06075	P	PESTICIDE/PCB SOIL ANALYSES
PRB-7-06075	Y	INORGANIC SOIL ANALYSES
PRB-7-07508	L	VOLATILE SOIL ANALYSES
PRB-8-0002	L	VOLATILE SOIL ANALYSES
PRB-8-0002	P	PESTICIDE/PCB SOIL ANALYSES
PRB-8-0002	Y	INORGANIC SOIL ANALYSES
PRB-8-0204	L	VOLATILE SOIL ANALYSES
PRB-8-0204	P	PESTICIDE/PCB SOIL ANALYSES
PRB-8-0204	Y	INORGANIC SOIL ANALYSES
PRB-8-0406	L	VOLATILE SOIL ANALYSES
PRB-8-0406	P	PESTICIDE/PCB SOIL ANALYSES
PRB-8-0406	Y	INORGANIC SOIL ANALYSES
PRB-8-0608	L	VOLATILE SOIL ANALYSES
PRB-8-0608	P	PESTICIDE/PCB SOIL ANALYSES
PRB-8-0608	Y	INORGANIC SOIL ANALYSES
PRB-8-0810	L	VOLATILE SOIL ANALYSES
PRB-8-0810	P	PESTICIDE/PCB SOIL ANALYSES
PRB-8-0810	Y	INORGANIC SOIL ANALYSES
PRW-7	M	VOLATILE AQUEOUS ANALYSES
PRW-1	M	VOLATILE AQUEOUS ANALYSES
PRW-1F	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-1	T	INORGANIC AQUEOUS ANALYSES
PRW-2	M	VOLATILE AQUEOUS ANALYSES

PRW-2F	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-2	T	INORGANIC AQUEOUS ANALYSES
PRW-2B	M	VOLATILE AQUEOUS ANALYSES
PRW-2BF	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-2B	T	INORGANIC AQUEOUS ANALYSES
PRW-2D	M	VOLATILE AQUEOUS ANALYSES
PRW-2DF	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-2D	T	INORGANIC AQUEOUS ANALYSES
PRW-3	M	VOLATILE AQUEOUS ANALYSES
PRW-3F	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-3	T	INORGANIC AQUEOUS ANALYSES
PRW-4F	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-4	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
PRW-4BF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-4B	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
PRW-5F	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-5	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
PRW-5BF	R	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-5B	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)
PRW-6	M	VOLATILE AQUEOUS ANALYSES
PRW-6F	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-6	T	INORGANIC AQUEOUS ANALYSES
PRW-6B	M	VOLATILE AQUEOUS ANALYSES
PRW-6BF	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-6B	T	INORGANIC AQUEOUS ANALYSES
PRW-6D	M	VOLATILE AQUEOUS ANALYSES
PRW-6DF	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-6D	T	INORGANIC AQUEOUS ANALYSES
PRW-7F	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-7	T	INORGANIC AQUEOUS ANALYSES
PRW-7B	M	VOLATILE AQUEOUS ANALYSES
PRW-7BF	S	INORGANIC AQUEOUS ANALYSES (DISSOLVED)
PRW-7B	T	INORGANIC AQUEOUS ANALYSES
PRW-NW-2A	N	VOLATILE AQUEOUS ANALYSES
PRW-NW-2A	W	INORGANIC AQUEOUS ANALYSES
PRW-NW-2B	N	VOLATILE AQUEOUS ANALYSES
PRW-NW-2B	W	INORGANIC AQUEOUS ANALYSES

QUALITY CONTROL SAMPLES

RINSATES

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
R-0917	F	VOLATILE SOIL ANALYSES
R-0927	D	SEMIVOLATILE AQUEOUS ANALYSES
R-0927	N	VOLATILE AQUEOUS ANALYSES
R-0927	W	INORGANIC AQUEOUS ANALYSES
R-0930	N	VOLATILE AQUEOUS ANALYSES
R-0930	W	INORGANIC AQUEOUS ANALYSES
R-0919	C	SEMIVOLATILE AQUEOUS ANALYSES
R-0919	J	VOLATILE AQUEOUS ANALYSES
R-0923	Z	INORGANIC AQUEOUS ANALYSES (TOTAL)

TRIP BLANKS

SAMPLE LOCATION	FOOTNOTE SET	ANALYSIS TYPE
TB-0917	F	VOLATILE SOIL ANALYSES
TB-0919	J	VOLATILE AQUEOUS ANALYSES
TB-0924	M	VOLATILE AQUEOUS ANALYSES
TB-0830	K	VOLATILE SOIL ANALYSES
TB-0903	I	VOLATILE SOIL ANALYSES
TB-0905	E	VOLATILE SOIL ANALYSES
TB-0927	N	VOLATILE AQUEOUS ANALYSES
TB-0930	N	VOLATILE AQUEOUS ANALYSES

FOOTNOTE SET A
J (1) - Value is estimated because reported concentration is less than the CRQL.
UJ (1) - Value is estimated due to continuing calibration %D > 50
J (2) - Value is estimated because of initial calibration %RSD > 30.

FOOTNOTE SET B
J (1) - Value is estimated because it is reported at a concentration less than the CRQL
B - Value is considered to be a false positive due to laboratory blank contamination.

J (2) - Value is estimated because of initial calibration %RSD > 30.
UJ (1) - Value is estimated due to poor field duplicate precision.

FOOTNOTE SET C
UJ (1) - Value is estimated because continuing calibration %D > 50.

FOOTNOTE SET D
UJ (1) - Value is estimated because continuing calibration %D > 50.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL.
R (1) - Nondetect is rejected because of MS %R < 10.

FOOTNOTE SET E
B - Value is considered to be a false positive based on laboratory blank contamination.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL.

FOOTNOTE SET F
B - Value is considered to be a false positive due to laboratory blank contamination.

FOOTNOTE SET G
B - Value is considered to be a false positive due to blank contamination.
J (1) - Value is estimated due to continuing calibration %D > 25%; result is also < CRQL.
UJ (1) - Value is estimated due to continuing calibration %D > 50.

FOOTNOTE SET H
B - Value is considered to be a false positive due to blank contamination.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL.

FOOTNOTE SET I
B - Value is considered to be a false positive due to blank contamination.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL.
UJ (1) - Value is estimated due to continuing calibration %D > 50.

FOOTNOTE SET J
B - Value is considered to be a false positive due to blank contamination.
J (1) - Value is estimated due to MS/MSD Relative Percent Differences outside QC limits.
J (2) - Value is estimated because reported concentration is less than the CRQL.

FOOTNOTE SET K
B - Value is considered to be a false positive due to blank contamination.
UJ (1) - Value is estimated due to continuing calibration %D > 50.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL
R (1) - Value is rejected because initial and continuing calibration RRFs were < 0.05.

FOOTNOTE SET L
B - Value is considered to be a false positive due to laboratory blank contamination.
J (1) - Value is estimated because reported concentration is less than the CRQL.

FOOTNOTE SET M
B - Value is considered to be a false positive due to laboratory blank contamination.
J (1) - Value is estimated due to MS/MSD Relative Percent Differences outside QC limits.
J (2) - Value is estimated because reported concentration is less than the CRQL.
J (3) - Value is estimated because MSD Percent Recovery is outside QC limits.
J (4) - Value is estimated because initial calibration %RSD > 30.

FOOTNOTE SET N
B (1) - Value is considered to be a false positive due to laboratory blank contamination.
B (2) - Value is considered to be a false positive based on trip blank contamination.
L (1) - Value is biased low due to MS/MSD Percent Recoveries outside QC limits.
UL (1) - Nondetect is biased low based on low MS/MSD %R.
J (1) - Value is estimated because reported concentration is less than the CRQL.

FOOTNOTE SET O
J (1) - Value is estimated due to high surrogate recovery.

FOOTNOTE SET P
J (1) - Value is estimated because reported concentration is less than the CRQL.

FOOTNOTE SET Q
B - Value is considered to be a false positive due to blank contamination.
J (1) - Value is estimated because it is reported at a concentration less than the CRQL.
UJ (1) - Value is estimated due to continuing calibration %D > 50.

FOOTNOTE SET R
B - Value is considered to be a false positive result because of blank contamination.
U - Value is a nondetect as reported by the laboratory.
J(1) - Value is estimated due to GFAA calibration correlation coefficient < 0.995.
UJ(1)- Nondetect is estimated due to GFAA calibration correlation coefficient < 0.995.
J(2) - Value is estimated due to low GFAA %R.
UJ(2)- Nondetect is estimated due to low GFAA %R.
R(1) - Nondtect is rejected due to very low MS %R.

FOOTNOTE SET S
B - Value is considered to be a false positive result because of blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL1 - Nondetect is biased low because holding time until anlysis was exceeded.
J - Value is estimated due to GFAA calibration curve correlation coefficient < 0.995.
UJ2 - Nondetect is estimated due to GFAA calibration curve correlation coefficient < 0.995.
UJ1 - Nondetect is estimated due to laboratory duplicate RPD > 20%.
UJ3 - Nondetect is estimated because GFAA calibration curve correlation coefficient < 0.995; also, MS %R and GFA PDS %Rs GFAA PDS are low.
UL2 - Nondetect is biased low because holding time until analysis was exceeded.
UJ - Nondetect is estimated due to GFAA calibration curve correlation coefficient < 0.995.

FOOTNOTE SET T
B - Value is considered to be a false positive result because of blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1) - Nondetect is biased low because of low MS %R and low GFAA PDS %R.
J - Value is estimated due to laboratory duplicate RPD > 20%.
UJ(1)- Nondetect is estimated due to GFAA calibration curve correlation coefficient < 0.995.
R(1) - Nondetect is rejected due to very low MS %R.

FOOTNOTE SET U
B - Value is considered to be a false positive result because of blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1)- Nondetect is biased low because of low MS %R.
J(1) - Value is estimated due to MS Percent Recovery below lower quality control limit.
J(2) - Value is estimated due to laboratory duplicate RPD outside QC limits.
J(3) - Value is estimated due to ICP Serial Dilution %Ds outside QC limits.
R(1) - Nondetect is rejected due to very low MS %R.

FOOTNOTE SET V
B - Value is considered to be a false positive result due to blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1) - Nondetect is biased low due to low MS %R.
L(1) - Value is biased low due to low MS %R.
L(2) - Value is biased low due to ICP interferences.
K(1) - Value is biased high due to ICP interferences.
UJ(1) - Nondetect is estimated due to low calibration curve correlation coefficient.
UJ(2) - Nondetect is estimated due to low GFAA PDS %R.
J(1) - Value is estimated due to laboratory duplicate imprecision.
J(2) - Value is estimated due to high MS %R.
J(3) - Value is estimated due to ICP interferences.
J(4) - Value is estimated due to low calibration curve correlation coefficient.
J(5) - Value is estimated due to low MSA correlation coefficient.

FOOTNOTE SET W
B - Value is considered to be a false positive result due to blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1)- Nondetect is biased low due to low GFAA PDS %R.
K(1) - Value is biased high due to high GFAA PDS %R.
R(1) - Nondetect is rejected due to extremely low MS %R.

FOOTNOTE SET X
B - Value is considered to be a false positive result due to blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1) - Nondetect is biased low due to ICP interferences.
L(1) - Value is biased low due to low MS %R.
K(1) - Value is biased high due to ICP interferences.
K(2) - Value is biased high due to high MS %R.
UJ(1) - Nondetect is estimated due to low calibration curve correlation coefficient.
J(1) - Value is estimated due to low MS %R.
J(2) - Value is estimated due to extremely low MS %R.
J(3) - Value is estimated due to low calibration curve correlation coefficient.
R(1) - Nondetect is rejected due to extremely low MS %R.

FOOTNOTE SET Y
B - Value is considered to be a false positive result due to blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1) - Nondetect is biased low due to ICP interferences.
UL(2) - Nondetect is biased low due to low MS %R.
L(1) - Value is biased low due to ICP interferences.
K(1) - Value is biased high due to ICP interferences.
K(2) - Value is biased high due to high MS %R.
UJ(1) - Nondetect is estimated due to low calibration curve correlation coefficient.
R(1) - Nondetect is rejected due to extremely low MS %R.

FOOTNOTE SET Z
B - Value is considered to be a false positive result because of blank contamination.
U - Value is a nondetect as reported by the laboratory.
UL(1)- Nondetect is biased low because of low MS %R.

J(1) - Value is estimated due to GFAA calibration correlation coefficient < 0.995.
UJ(1)- Nondetect is estimated due to GFAA calibration correlation coefficient < 0.995; also MS %R was low.
J(2) - Value is estimated due to laboratory duplicate RPD outside QC limits.
UJ(2)- Nondetect is estimated due to laboratory duplicate RPD outside QC limits.
UJ(3)- Nondetect is estimated due to low GFAA PDS %Rs.