QES

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ANNAPOLIS, MARYLAND 21401

September 20, 2002

Mr. Michael Drum
Drum Snell & Associates
209 West Street
Annapolis, Maryland 21401

SUBJECT: **Phase I & II Environmental Site Assessment**
Annapolis Public Works Services
Spa Road Parcel
Annapolis, Maryland 21401

Dear Mr. Drum:

Quality Environmental Solutions (QES) is pleased to submit the attached Phase I & II Environmental Site Assessment (P-I/II ESA) for the Annapolis Department of Public Works Services Spa Road parcel. The Phase I portion of the P-I/II ESA Scope of Work was consistent with ASTM Standard E 1527-00 for completion of environmental site assessments and included:

- *Site Description* - Location, County, Assessor's designation, USGS topographic map, site and vicinity characteristics, description of site improvements, current uses of site and adjoining properties, and summary of site geology, hydrology, and topography;
- *Site History* - Review of available historical maps and aerial photographs and review of past uses of the subject parcel and adjoining properties;
- *Records Review* - Review of federal and state databases to determine if the site or properties within the specified radii are or have been subject to environmental regulatory action and review of property title and readily available environmental records; and,
- *Site Reconnaissance* - Completion of a site inspection including, hazardous substance use and storage, evidence of storage tanks, solid waste disposal practices, and evidence of non-utility PCB-containing transformers.

The Phase II portion of the P-I/II ESA included the completion of a subsurface investigation utilizing direct-push methodology. Soil samples were collected from ten soil borings for comprehensive laboratory analysis. The results show elevated levels of lead, arsenic, petroleum hydrocarbons and chlorinated solvents at several sampling locations. The levels of lead and arsenic would require remediation prior to site development as they may present an unacceptable risk to humans should the site be converted into a recreational facility.

If you have any questions concerning this report, please give me a call at 410-841-5552.

Sincerely,

Donald E. Jones, C.P.G.
Vice President

Attachment: Phase I & II Environmental Site Assessment

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PHASE I & II ENVIRONMENTAL SITE ASSESSMENT
ANNAPOLIS PUBLIC WORKS SERVICES
SPA ROAD PARCEL
ANNAPOLIS, MARYLAND 21401

Prepared for:

Mr. Michael Drum
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Donald E. Jones, C.P.G.
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ANNAPOLIS PUBLIC WORKS SERVICES
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PHASE I & II ENVIRONMENTAL SITE ASSESSMENT
ANNAPOLIS PUBLIC WORKS SERVICES
SPA ROAD PARCEL
ANNAPOLIS, MARYLAND 21401

1. INTRODUCTION

Drum Snell & Associates, on behalf of the City of Annapolis, contracted Quality Environmental Solutions (QES) to complete a Phase I & II Environmental Site Assessment (P-I/II ESA) of the Annapolis Public Works Services Spa Road Parcel.

The Phase I portion of the P-I/II ESA Scope of Work is consistent with ASTM Standard E 1527-00 for completion of environmental site assessments and includes:

- *Site Description* – Location, County, Assessor's designation, USGS topographic map, site and vicinity characteristics, description of site improvements, current uses of site and adjoining properties, and summary of site geology, hydrology, and topography;
- *Site History* - Review of available historical maps and aerial photographs and review of past uses of the subject parcel and adjoining properties;
- *Records Review* - Review of federal and state databases to determine if the site or properties within the specified radii are or have been subject to environmental regulatory action and review of property title and readily available environmental records; and,
- *Site Reconnaissance* - Completion of a site inspection including, hazardous substance use and storage, evidence of storage tanks, solid waste disposal practices, and evidence of non-utility PCB-containing transformers.

Specific environmental concerns with the Spa Road parcel include: former USTs (residual contamination), former property use as a landfill and incinerator (with on-site ash disposal), former and current garage service bay drains (were the drains previously connected to drainage pits?), former hydraulic lifts (hydraulic oil tanks removed?) and current outdoor storage of 55-gallon drums. Based on these concerns, a Phase II subsurface assessment was authorized. The Phase II ESA included the completion of 10 direct-push soil borings with comprehensive laboratory analysis of one soil sample from each boring.

2. *SITE DESCRIPTION*

2.1 Site Location

Address:	932-937 Spa Road Annapolis, Maryland 21401
County:	Anne Arundel
Assessor's Designation:	Tax Map 7Z, Parcel 358
USGS 7.5' Quadrangle Map:	South River, MD 1957 (photo-revised 1993)
Latitude, Longitude:	38.972200 N, 76.508400 W

The location of the 15-acre property is shown on the Overview Map and Detail Map contained in the environmental database search report (Appendix A). The attached Site Plan shows the boundaries of the property, elevations and locations of buildings and the athletic field. The subject property is located on the east and west sides of Spa Road, southwest of downtown Annapolis. Spa Creek, a tributary to the Chesapeake Bay, forms the southern property boundary. Photographs of the subject property are included in Appendix B.

2.2 Property Description

The subject property consists of three distinct operations: the main garages and offices on the east side of Spa Road, a rear storage yard, and the garage, bus stop and salt dome on the west side of Spa Road. The main garages and offices are bordered by Spa Road to the west, Association of Retarded Citizens facility and residential areas to the north, athletic fields, Maryland Hall for the Creative Arts and Bates Middle School to the east and Spa Creek and residential areas to the south. The storage yard is located at the southeast corner of the property, bordering Spa Creek and athletic fields. The west parcel is bordered by Spa Road to the east, Spa Creek to the south and west and residential and recreational areas to the north.

2.3 Current Operations

The Annapolis Department of Public Works Services currently utilizes the subject property for administrative offices, vehicle storage, vehicle maintenance and cleaning, equipment and materials storage, vehicle fueling, and salt storage. The City of Annapolis Department of Transportation utilizes a portion of the west parcel as a bus stop and transfer point.

2.4 Site Geology, Hydrology, and Topography

According to the 1973 Soil Survey of Anne Arundel County, soil in the area belongs to the Monmouth series, which consists of an olive-brown surface layer and a thick, olive-brown, moderately fine textured sticky subsoil. These soils formed in unconsolidated beds of fine textured glauconitic sediments.

According to the Geologic Map of Anne Arundel County Maryland (1975), the site area is underlain by the Aquia formation, which consists of clean to moderately clayey glauconitic sand and calcareous sandstone. The material is generally well sorted with medium-grained sand dominant, with fine or coarse-grained sand in places. The material is dark gray-green or olive-green where unweathered, "salt and pepper" sand where moderately weathered, and rusty-brown with abundant limonite crusts and pods where deeply weathered. The Aquia formation is approximately 110 feet thick in the site area. Although the ground-water yields from the Aquia are relatively low, the aquifer is utilized for domestic wells in areas not served by municipal water.

Storm-water runoff is directed to storm sewers on the property and along Spa Road. Runoff discharges into the adjacent Spa Creek. The garages have apron drains to collect wash water and liquids for subsequent flow through an oil/water separator prior to discharge to Spa Creek.

Shallow ground-water flow is to the south towards Spa Creek. Ground water was encountered at an approximate depth of 20 feet below land surface during the completion of soil borings. The property and surrounding area are serviced by municipal water and sewer.

3. PREVIOUS ENVIRONMENTAL INVESTIGATIONS

A search of City of Annapolis Public Works Department files was completed through a Freedom of Information Act request to Ms. Cindy Tait. The files included the following information concerning current and previous environmental related activities:

- The Maryland Department of the Environment (MDE) required the installation of an oil/water separator in 1993 to treat parking lot runoff following the detection of runoff with a petroleum sheen entering the storm drain which discharges into Spa Creek. The Site Complaint noted that the subject property was located on top of former landfill areas with incinerator ash, bulk items, rubble and construction debris.

- A 16-year old 1,500-gallon steel heating oil underground storage tank (UST) was removed in 1996 at 935 Spa Road. The MDE closed the case and required no further action.

- A Certificate of Closure was issued by the MDE in 2001 for a 32-year old steel 1,000-gallon heating oil UST at 937 Spa Road. The MDE Report of Observation showed contamination levels decreasing with depth below the removed tank. At a depth of six feet, contamination was not observed. The tank reportedly had holes, however, a No Further Action (NFA) letter was issued based on the decreasing levels of contamination observed.

- A ground-water quality assessment was completed following the removal of a 1,500-gallon steel fuel oil UST in 1993. The former UST was located adjacent to the north side of the 935 Spa Road garage. Oil saturated soil was observed during the tank removal. Two ground-water monitoring wells were installed with no liquid phase hydrocarbon detected and low levels of dissolved naphthalene and total petroleum hydrocarbons present. The MDE issued a NFA in 1993 and the monitoring wells were abandoned.

- A 550-gallon steel fuel oil UST was abandoned in place on the south side of the 932 Spa Road garage. A 1,000-gallon aboveground storage tank (AST) was installed as a replacement tank.

- According to Messrs. Emory Harrison and Joe Baker of the City of Annapolis there has been no testing completed at the subject property relative to former incinerator and landfill operations. The site was originally a landfill with subsequent incineration in the 1940's to 1950's. An area between the incinerator and Spa Creek was apparently excavated and replaced with clean fill approximately 15 years ago.

4. SITE HISTORY

4.1 Chain of Title

The subject property has been owned by the City of Annapolis for over 50 years.

4.2 Aerial Photographs

Aerial photographs were reviewed at the Anne Arundel County Planning Department for 1995, 1990, 1988, 1984, 1977, 1970, 1962, and 1952. The 1995, 1990 and 1988 photographs show the current layout of the property and surrounding area. A copy of the 1988 photograph is attached. The 1977 photograph is similar, however, the salt dome is not present. The 1970 photograph is of poor resolution with former landfill areas to the south of the existing buildings visible. The adjacent athletic fields are not yet constructed in the 1962 photograph. The area between the garages and Spa Creek at 932 Spa Road is shrub covered.

4.3 Historic Site Use

The property has been used as a municipal landfill and incinerator with on-site ash disposal. Subsequent activities have included maintenance activities for City of Annapolis Public Works Services, Utilities and Transportation Departments.

5. RECORDS REVIEW

A review of environmental regulatory records was performed to determine if the subject property or nearby properties have faced or are currently facing any regulatory actions, fines, or violations for conditions that could have an environmental impact on the property. *Environmental Data Resources, Inc. (EDR)* completed the records database search. A copy of the database search results is included in Appendix A.

5.1 Federal Databases

The following Federal Environmental Protection Agency (EPA) databases were reviewed to identify suspected or confirmed sites of environmental concern at the specified radius of the property:

- NPL (National Priorities List sites) - one mile;
- Proposed NPL (Proposed NPL sites) – one mile;
- CERCLIS (Active Superfund Sites) – one-half mile;
- CERC-NFRAP Archive (No Further Remedial Action Planned Sites) - one-quarter mile;
- RCRIS-TSD (Hazardous Waste Treatment, Storage, and Disposal Facilities) - one-half mile;
- RCRIS Generator (Small and large quantity hazardous waste generators) - one-quarter mile;
- ERNS (Emergency Response Notification System) – subject property;
- CONSENT (Superfund consent decrees) – one mile;
- ROD (Record of Decision for NPL sites) – one mile;
- DELISTED NPL (delisted NPL sites) – one mile;
- FINDS (Facility Index System sites) – subject property;
- HMIRS (Hazardous Materials Information Reporting System) – subject property;
- MLTS (Material Licensing Tracking System) – subject property;
- MINES (Mines master index file) –one-quarter mile;
- NPL Liens – subject property;
- PADS (PCB Activity Database System) - subject property;
- RAATS (RCRA Administrative Action Tracking System) – subject property;
- TRIS (Toxic Release Inventory System) - subject property;
- TSCA (facilities regulated under Toxic Substances Control Act) - subject property;
- SSTS (Section 7 Tracking Systems) – subject property; and,
- FTTS (FIFRA/TSCA Tracking System) – subject property.

The subject property was listed in the FINDS and ERNS databases with no further information provided. Five RCRIS Generator sites were listed including Annapolis Radiator (Spa Road), Bates Middle School and three automobile dealerships on West Street. The RCRIS sites are not considered an environmental concern for the subject property.

5.2 State Databases

The following Maryland Department of the Environment databases were reviewed:

- SHWS (Hazardous Waste Sites) - one mile;
- SL/SWF (State Landfill/Solid Waste Facilities) – one-half mile;
- OCPCASES (Oil Control Program Cases) - one-half mile;
- UST (Registered Underground Storage Tanks) - one-quarter mile;
- VCP (Voluntary Cleanup Program) - one-half mile;
- SWRCY (Recycling directory) – one-half mile;
- Historical LUST (historical LUST cases) – one-half mile;
- Historical UST (historical UST cases) – one-quarter mile; and,
- AST (Aboveground Storage Tank sites) – subject property.

The subject property was listed in the UST, OCPCASES and Historical UST databases. Other UST sites within one-quarter mile include Annapolis Radiator and Bates Middle School. There were six other Historical UST and OCPCASES sites identified within one-quarter mile. The only active case listed within one-quarter mile (including the subject property) is Annapolis Utilities Inc. at 1000 Smithville Street.

None of the state listed sites are considered an environmental concern to the subject property due to the nature of the database listing and/or distance from the site. The on-site UST status is discussed in more detail in Section 6.7.

The locations of the listed facilities are included in the *Environmental Data Resources, Inc. (EDR)* report in Appendix A. The report also includes vicinity maps showing the locations of the subject property and properties listed in the state databases.

6. *SITE RECONNAISSANCE*

Comprehensive site inspections were conducted on May 3 and August 29, 2002.

6.1 Areas of Environmental Concern

The Spa Road parcels consists of the Public Works Services facilities on the east side of Spa Road with a main building with six garages, equipment and supplies storage and offices; office trailer; former incinerator building and lower level garage; parking lots; and, storage areas. There are two USTs at the property for fueling (10,000-gallon diesel and 10,000-gallon gasoline). The parcel on the west side of Spa Road consists of four garages, asphalt parking areas, vehicle storage, a salt dome and bus transfer point. There are two waste oil ASTs at the rear of the building. The City files contain documentation of previous UST removals. According to the files and MDE databases, there are no active MDE cases associated with the previous tank removals. Prior to use of the property by Public Works Services, the City operated a landfill and incinerator. According to Messrs. Emory Harrison and Joe Baker of the City of Annapolis there has been no previous environmental testing at the site other than monitoring associated with previous hydrocarbon releases from UST systems.

Specific environmental concerns with the Spa Road parcels include: former USTs (residual contamination), former property use as a landfill and incinerator (with on-site ash disposal), former and current garage service bay drains (were the drains previously connected to drainage pits?), former hydraulic lifts (hydraulic oil tanks removed?) and current outdoor storage of 55-gallon drums.

6.2 Electrical Transformers

Electrical transforms of environmental concern were not observed.

6.3 Water Supply and Sewerage

The site and surrounding area are serviced by City of Annapolis water and sewer systems.

6.4 Refuse Disposal

The City of Annapolis handles facility refuse. There were isolated areas of scrap disposal observed.

6.5 Storm-Water Runoff

Storm-water runoff infiltrates into the ground where not covered by an impervious surface, flows over paved areas to storm drains and discharges into Spa Creek. Runoff from the garage areas is directed to an oil/water separator prior to discharge.

6.6 Hazardous Materials

Small quantities of potentially hazardous and hazardous materials observed at the garages and storage areas were properly stored and handled with no obvious signs of spills or leaks.

6.7 Storage Tanks

There are currently two USTs located adjacent to the 935 Spa Road garage. The 10,000-gallon gasoline UST and 10,000-gallon diesel UST were installed in 1988. The tanks are constructed of fiberglass-lined steel with fiberglass piping, cathodic protection, automatic tank gauging, tank field observation wells, statistical inventory reconciliation, automatic line leak detectors and overspill containment. The MDE databases list numerous OCPCASES and Historical USTs at the property. There are no active MDE cases. There was no evidence of other USTs at the property. A 275-gallon heating oil AST is located adjacent to the upper level of the former incinerator building. The AST has concrete containment. There are two 1,000-gallon used oil ASTs and a 275-gallon lube oil AST at 932 Spa Road. There were no obvious leaks or stressed vegetation observed in the vicinity of the ASTs.

7. *PHASE II INVESTIGATION*

Addressing the primary Areas of Environmental Concern identified in Section 6.1 required the completion of a Phase II assessment. The Phase II Scope of Work (SOW) included a subsurface investigation utilizing direct-push methodology.

A total of ten direct-push soil borings were completed to a depth of 20 feet on August 29, 2002. One boring extended to a depth of only 8 feet due to refusal. Continuous soil samples were collected and logged by a QES Geologist. Head space readings with a photo-ionization detector (PID) were recorded for each sample. Ten soil samples were collected for laboratory analysis of Priority Pollutant (PP) metals, volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs) including poly-aromatic hydrocarbon compounds (PAHs). Ground-water and surface water sampling and analysis were not completed as there appears to be minimal exposure risk to these media.

Following is a description of each direct-push boring location, lithology and PID readings;

- SB-1: located immediately down gradient of active USTs. The lithology was consistent with the Aquia formation with olive/brown clayey sand and silty sand. Water saturation was observed at approximately 19 feet below ground surface (bgs). The PID readings were all 0.0 PPM with no petroleum odor detected. The sample from 2-4 feet bgs was submitted to the laboratory for analysis.
- SB-2: located in front of garage 8 at 935 Spa Road (identified as former tank field). The lithology was the same as SB-1. The PID readings were all 0.0 PPM with no petroleum odor detected. The sample from 4-6 feet bgs was submitted to the laboratory for analysis.
- SB-3: located in front of former incinerator building (upper level). The lithology was consistent with the Aquia formation. The soil was not water saturated at the completion depth of 20 feet bgs. The PID readings were 0.0 PPM and the sample from 18-20 feet bgs was submitted to the laboratory for analysis.
- SB-4: located adjacent to the west side of the lower level garage. Coarse sand, gravel, ash and slag were present to approximately 12 feet bgs. The ash material was underlain by saturated fine sand and sandy clay. The PID readings were 0.0 PPM and the sample from 4-8 feet bgs was submitted to the laboratory for analysis.
- SB-5: located at the southeast corner of the lower level garage. Ash material with sand, gravel, clay and glass was present to a depth of approximately 16 feet bgs. This was underlain by saturated sandy clay with lenses of clayey sand. The PID readings were 0.0 PPM with the sample from 8-12 feet bgs submitted to the laboratory for analysis.
- SB-6: located adjacent to the incinerator stack. The lithology was consistent with the Aquia formation. The PID readings were 0.0 PPM with the sample from 2-4 feet bgs submitted to the laboratory for analysis.
- SB-7: located in the parking lot of the athletic field behind 935 Spa Road. The lithology and PID readings were consistent with SB-6. The sample from 2-3 feet bgs was submitted to the laboratory for analysis.
- SB-8: located adjacent to the used oil ASTs at 932 Spa Road. The lithology consisted of coarse sand and gravel with a petroleum odor (PID = 67 PPM) over a dense clay and loose sand and gravel (PID = 18 PPM). Drilling refusal occurred at a depth of 8 feet bgs. The sample from 1-2 feet bgs was submitted to the laboratory for analysis.
- SB-9: located adjacent to the salt dome. The subsurface lithology consisted of sandy gravel and clay fill over sandy clay, fine sand and fill material. A brick fragment was present at a

depth of 17 feet bgs. The PID readings were 0.0 PPM and the sample from 2-4 feet bgs was submitted to the laboratory for analysis.

- SB-10: located in front of garage 3 at 932 Spa Road. The lithology was consistent with the Aquia formation with water saturation observed at a depth of approximately 19 feet bgs. The PID readings were 0.0 and the sample from 2-4 feet bgs was submitted to the laboratory for analysis.

The analytical results are summarized in Table I with the complete laboratory report included in Appendix C. SVOCs were not detected in the soil samples. The VOCs detected were petroleum hydrocarbons (benzene and toluene compounds, naphthalene and xylenes) and chlorinated hydrocarbons (tetrachloroethene). The concentrations were compared to clean-up standards established by the MDE Voluntary Cleanup Program (VCP). The standards include a Residential Standard, Non-Residential Standard and Protection of Ground Water Standard. The VOC concentrations were all below the Residential Standard. Two samples exceeded the Protection of Ground Water Standard for benzene and one sample exceeded the standard for chloromethane.

The concentrations of arsenic (5.4 to 24.7 mg/kg) exceeded the Non-Residential Cleanup Standard (3.8 mg/kg) in all ten samples. The results were also compared to the MDE Anticipated Typical Concentrations (ATC) based on expected "background" conditions in Central and Eastern Maryland with all samples exceeding the maximum ATC of 4.9 mg/kg. Several soil samples also exceeded the Non-Residential Standards for Lead and Mercury and several samples exceeded the Residential Cleanup Standards for cadmium, chromium, copper and nickel.

8. CONCLUSIONS

Specific environmental concerns with the Spa Road parcels include: former USTs (residual contamination), former property use as a landfill and incinerator (with on-site ash disposal), former and current garage service bay drains (were the drains previously connected to drainage pits?), former hydraulic lifts (hydraulic oil tanks removed?) and current outdoor storage of 55-gallon drums. The presence of previous bay drains, possible drainage pits and hydraulic lift tanks could not be determined. These concerns would be addressed during site development activities. The storage of 55-gallon drums can be addressed by management. There was no leakage observed from the drums.

Residual petroleum contamination can be addressed during site development activities. Typically, impacted soil is excavated and transported to a licensed treatment facility. The quantity of impacted soil cannot be determined without further subsurface testing.

The primary environmental concern with the property is the elevated concentrations of heavy metals in soil and ash samples. The areal and vertical extent of the ash cannot be determined without further subsurface testing. Prior to site development, a remedial action plan would be necessary to address the metal contamination along with a comprehensive health and safety plan for site workers and end users. The detected concentrations of arsenic, lead and mercury are higher than MDE Non-Residential Standards and significantly higher than the Residential Standards, which would apply to a recreational use facility.

9. STANDARDS AND LIMITATIONS

The Phase I portion of the P-I/II ESA was completed following the guidelines of ASTM Standard E 1527-00. The Updated Phase I E-I/II Report was prepared for the benefit of the City of Annapolis. The Report may not be relied upon or assigned to any other person or entity without the written authorization of QES.

During the completion of a Phase I ESA, QES relies on database information, interviews with the property owners and managers, regulatory officials, and other private individuals. QES assumes that the information provided is true and accurate. If information to the contrary is discovered, report conclusions and recommendations may not be valid.

QES obtains environmental agency database information from a third-party supplier of such information. The databases usually present the location of listed entities by street address. In many cases this is the only reasonable means by which a database entry can be located and the actual proximity of an entry to the subject property may not be accurately indicated by the street address given. Similarly, some properties listed do not include anything more than a zip code location and the actual proximity to the subject site cannot be readily determined.

The conclusions and recommendations contained in the Updated P-I/II ESA Report describe the conditions observed at the time of the assessment. The scope of the Report is limited to matters expressly covered.

Table I
Comparison of Analytical Data to MDE Cleanup Standards
Spa Road Parcel

VOLATILE ORGANIC COMPOUNDS

Sample Location	Date	Benzene (mg/kg)	n-Butylbenzene (mg/kg)	sec-Butylbenzene (mg/kg)	Ethylbenzene (mg/kg)	Isopropyl Benzene (mg/kg)	1,2,4-Tri Methylbenzene (mg/kg)	1,3,5-Tri Methylbenzene (mg/kg)	n-Propyl Benzene (mg/kg)
Non-Residential Cleanup Standard		*100*	*NCS*	*NCS*	*20,000*	*20,000*	*NCS*	*NCS*	*NCS*
SB-1 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
SB-2 (4-6')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
SB-3 (18-20')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
SB-4 (4-8')	29-Aug-02	0.0204	ND	ND	ND	ND	ND	ND	ND
SB-5 (8-12')	29-Aug-02	0.0027	ND	ND	ND	ND	ND	ND	ND
SB-6 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
SB-7 (2-3')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
SB-8 (1-2')	29-Aug-02	0.0053	0.0152	0.0168	0.0507	0.0148	0.4700	0.0869	0.0353
SB-9 (2-4')	29-Aug-02	ND	ND	ND	0.0023	ND	0.0065	0.0027	ND
SB-10 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND	ND
Residential Cleanup Standard		*12*	*NCS*	*NCS*	*780*	*780*	*NCS*	*NCS*	*NCS*
Protection of Ground Water Standard		*0.005*	*NCS*	*NCS*	*15*	*64*	*NCS*	*NCS*	*NCS*

Sample Location	Date	Carbon Disulfide (mg/kg)	Chloromethane (mg/kg)	4-Isopropyl Toluene (mg/kg)	Naphthalene (mg/kg)	Tetrachloroethene (mg/kg)	Toluene (mg/kg)	Total Xylenes (mg/kg)
Non-Residential Cleanup Standard		*20,000*	*440*	*NCS*	*4,100*	*110*	*41,000*	*410,000*
SB-1 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
SB-2 (4-6')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
SB-3 (18-20')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
SB-4 (4-8')	29-Aug-02	ND	0.0113	ND	ND	0.0251	0.0050	ND
SB-5 (8-12')	29-Aug-02	0.0027	ND	ND	ND	0.0134	ND	ND
SB-8 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
SB-7 (2-3')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
SB-8 (1-2')	29-Aug-02	ND	ND	0.0114	0.0998	ND	0.0342	0.2150
SB-9 (2-4')	29-Aug-02	0.0025	ND	0.0756	0.0096	ND	0.0021	0.0053
SB-10 (2-4')	29-Aug-02	ND	ND	ND	ND	ND	ND	ND
Residential Cleanup Standard		*780*	*49*	*NCS*	*160*	*12*	*1,600*	*16,000*
Protection of Ground Water Standard		*19*	*0.01*	*NCS*	*0.33*	*0.048*	*8.8*	*170*

Table I
Comparison of [illegible] Analytical Data to MDE Cleanup Standards
Spa Road Parcel

METALS

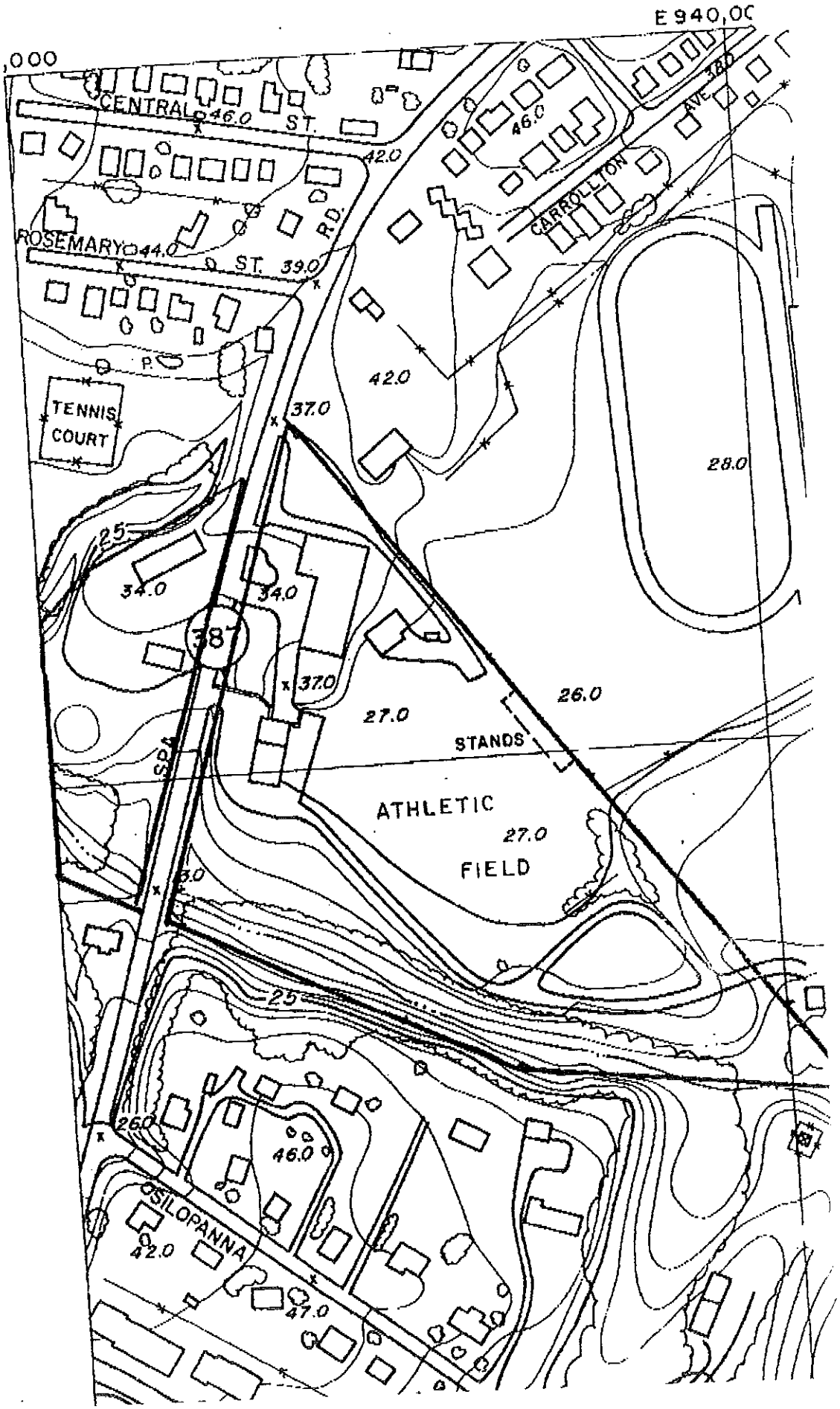
Sample Location	Date	Arsenic (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Total Chromium (mg/kg)	Copper (mg/kg)
Non-Residential Cleanup Standard		*3.8*	*410*	*100*	*610**	*8,200*
SB-1 (2-4')	29-Aug-02	9.9	ND	1.9	85.4	ND
SB-2 (4-6')	29-Aug-02	11.7	ND	ND	35.0	2.7
SB-3 (18-20')	29-Aug-02	23.1	ND	1.2	40.9	2.3
SB-4 (4-8')	29-Aug-02	19.6	ND	5.4	34.4	308
SB-5 (8-12')	29-Aug-02	24.7	ND	6.2	38.9	1,040
SB-6 (2-4')	29-Aug-02	5.4	ND	ND	23.5	ND
SB-7 (2-3')	29-Aug-02	5.0	ND	ND	30.4	ND
SB-8 (1-2')	29-Aug-02	10.9	ND	2.6	80.6	7.7
SB-9 (2-4')	29-Aug-02	14.5	1.2	2.7	126.0	18.6
SB-10 (2-4')	29-Aug-02	13.9	ND	1.2	45.6	3.9
Residential Cleanup Standard		*2*	*16*	*3.9*	*23**	*310*

Sample Location	Date	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
Non-Residential Cleanup Standard		*400*	*0.12*	*4,100*	*1,000*	*61,000*
SB-1 (2-4')	29-Aug-02	5.2	ND	7.0	ND	41.0
SB-2 (4-6')	29-Aug-02	5.8	ND	3.1	ND	13.2
SB-3 (18-20')	29-Aug-02	3.3	ND	ND	ND	13.6
SB-4 (4-8')	29-Aug-02	935	1.46	23.8	1.2	1,420
SB-5 (8-12')	29-Aug-02	1,170	0.38	173	ND	1,730
SB-6 (2-4')	29-Aug-02	4.8	ND	2.7	ND	14.2
SB-7 (2-3')	29-Aug-02	3.5	ND	ND	ND	26.9
SB-8 (1-2')	29-Aug-02	55.6	0.38	177	ND	84.2
SB-9 (2-4')	29-Aug-02	109	0.22	11.0	ND	95.7
SB-10 (2-4')	29-Aug-02	6.1	ND	ND	ND	19.0
Residential Cleanup Standard		*400*	*0.10*	*160*	*39*	*2,300*

J = Estimated value
c = Estimated value, less than quantitation limit
b = Found in blank / suspected lab artifact
ND = None Detected (below reported quantitation level)
NA = Not Analyzed

NCS = No Cleanup Standard
* Standards are for Cr^{+6} with results of Total Chromium
Red numbers exceed the Non-Residential Cleanup Standard
Blue numbers exceed the Residential Cleanup Standard
Green numbers exceed the Protection of Ground Water Standard

[redacted]



1" = 200'

1962 N↑

1988 N.T
SITE

APPENDIX A

Environmental Database Search Report

The EDR Radius Map™ Report

Public Works Parcel, Spa Road
Spa Road
Annapolis, MD 21401

Inquiry Number: 773776.1s

May 03, 2002

Environmental Data Resources, Inc.

***The* Source For Environmental Risk Management Data**

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

FOR USE

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-00. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY INFORMATION

ADDRESS

SPA ROAD
ANNAPOLIS, MD 21401

COORDINATES

Latitude (North):	38.972200 - 38' 58' 19.9"
Longitude (West):	76.508400 - 76' 30' 30.2"
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	369327.4
UTM Y (Meters):	4314565.5

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property:	2438076-H5 SOUTH RIVER, MD
Source:	USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 5 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
935 SPA ROAD 935 SPA ROAD ANNAPOLIS, MD	ERNS	N/A
PUBLIC WORKS SERVICES 935 SPA ROAD ANNAPOLIS, MD 21401	UST	N/A
PUBLIC WORKS DEPT.-CITY OF ANNAPOLIS 935 SPA ROAD ANNAPOLIS, MD 21401	FINDS	MD0000803270
CITY GARAGE 935 SPA RD. ANNAPOLIS, MD 21401	OCPCASES	N/A
CITY GARAGE 935 SPA RD ANNAPOLIS, MD 21401	Historical UST	N/A
WEEM WHALEN FIELD PETRO. SPILL 935 SPA RD ANNAPOLIS, MD	OCPCASES	N/A
AA CO. DEPT. OF PUBLIC WORKS GARAGE 935 SPA RD. ANNAPOLIS, MD 21401	OCPCASES	N/A

EXECUTIVE SUMMARY

ANNAPOLIS CITY GARAGE
935 SPA ROAD
ANNAPOLIS, MD 21401

OCPCASES N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-00 search radius around the target property for the following databases:

FEDERAL ASTM STANDARD

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
CERCLIS..... Comprehensive Environmental Response, Compensation, and Liability Information System
CERC-NFRAP..... CERCLIS No Further Remedial Action Planned
CORRACTS..... Corrective Action Report
RCRIS-TSD..... Resource Conservation and Recovery Information System
RCRIS-LQG..... Resource Conservation and Recovery Information System

STATE ASTM STANDARD

SHWS..... Notice of Potential Hazardous Waste Sites
SWF/LF..... Permitted Solid Waste Disposal Facilities
SWRCY..... Recycling Directory
VCP..... Voluntary Cleanup Program Applicants/Participants

FEDERAL ASTM SUPPLEMENTAL

CONSENT..... Superfund (CERCLA) Consent Decrees
ROD..... Records Of Decision
Delisted NPL..... National Priority List Deletions
HMIRS..... Hazardous Materials Information Reporting System
MLTS..... Material Licensing Tracking System
MINES..... Mines Master Index File
NPL Liens..... Federal Superfund Liens
PADS..... PCB Activity Database System
RAATS..... RCRA Administrative Action Tracking System
TRIS..... Toxic Chemical Release Inventory System
TSCA..... Toxic Substances Control Act
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

STATE OR LOCAL ASTM SUPPLEMENTAL

AST..... Permitted Aboveground Storage Tanks

EDR PROPRIETARY HISTORICAL DATABASES

Coal Gas..... Former Manufactured Gas (Coal Gas) Sites

EXECUTIVE SUMMARY

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL ASTM STANDARD

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 12/01/2001 has revealed that there are 2 RCRIS-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ANNAPOLIS RADIATOR BODY SHOP	***1023 SPA RD***	***1/8 - 1/4 SW***	***C18***	***9***

Lower Elevation	Address	Dist / Dir	Map ID	Page
BATES MIDDLE SCHOOL	***701 CHASE AVE SMITH***	***1/8 - 1/4 E***	***23***	***12***

STATE ASTM STANDARD

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of the Environment's Listing of Underground Storage Tanks Reported in Maryland.

A review of the UST list, as provided by EDR, and dated 02/20/2002 has revealed that there are 4 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UTILITY SHOP	937 SPA RD.	0 - 1/8 NW	B11	8
DEPT. OF TRANSPORTATION, TRANS	932 SPA ROAD	0 - 1/8 NW	B12	8
ANNAPOLIS RADIATOR BODY SHOP	***1023 SPA RD***	***1/8 - 1/4 SW***	***C18***	***9***

Lower Elevation	Address	Dist / Dir	Map ID	Page
BATES MIDDLE SCHOOL	***701 CHASE AVE SMITH***	***1/8 - 1/4 E***	***23***	***12***

EXECUTIVE SUMMARY

A review of the OCPCASES list, as provided by EDR, has revealed that there are 53 OCPCASES sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
CITY OF ANNAPOLIS UTILITIES OP	937 SPY RD.	0 - 1/8 NW	B10	7
FORMER DEPT OF TRANSPORTATION	932 SPA RD	0 - 1/8 NW	B13	8
AA CO. DEPT. OF PUBLIC TRANSPO	932 SPA RD.	0 - 1/8 NW	B15	9
MARYLAND RECOVERY IMPOUND DIVI	1023 SPA RD.	1/8 - 1/4 SW	C17	9
ANNAPOLIS RADIATOR BODY SHOP	***1023 SPA RD***	***1/8 - 1/4 SW***	***C18***	***9***
BEATRICE BROWN RESIDENCE	809 CARROLTON AVE	1/8 - 1/4 NNE	19	11
MARYLAND HALL FOR CREATIVE ART	801 CHASE ST	1/8 - 1/4 ENE	22	11
REESE FUNERAL HOME	821 WEST ST	1/4 - 1/2 N	25	13
AMOCO STATION	910 WEST ST.	1/4 - 1/2 N	D26	14
SPAR ASSOCIATES	927 WEST ST.	1/4 - 1/2 N	D27	14
SPAR ASSOCIATES/LAURENT C.DESC	927 WEST ST.	1/4 - 1/2 N	D28	14
MASON BUILDING	929 WEST ST.	1/4 - 1/2 N	D29	14
MIKE KOKKINOS PROPERTY	10 CONSTITUTION AVE.	1/4 - 1/2 ENE	31	15
BERT SPRIGGS LINCOLN	1013 WEST ST	1/4 - 1/2 NNW	E32	15
BERT SPRIGGS MOTOR SALES INC	***1013 WEST ST***	***1/4 - 1/2 NNW***	***E33***	***15***
BAY AREA TIRE	1019 WEST ST.	1/4 - 1/2 NNW	E34	18
KOONS TOYOTA	1019 WEST ST	1/4 - 1/2 NNW	E35	18
CARPENTERS LOCAL UNION #1126	1202 KENTWOOD ST.	1/4 - 1/2 WNW	36	18
MASON AUTO REPAIR	***1032 WEST ST***	***1/4 - 1/2 NNW***	***E37***	***18***
FORMER MR.TIRE	2 TAYLOR AVE.	1/4 - 1/2 NNE	38	19
KOONS TOYOTA	***1107 WEST ST***	***1/4 - 1/2 NNW***	***F41***	***20***
KOON'S TOYOTA	1107 WEST ST.	1/4 - 1/2 NNW	F42	21
RONALD BOLIN RESIDENCE	102 BOXWOOD RD.	1/4 - 1/2 SSE	G43	21
DARDEN'S SUNOCO/CITY OF ANNAPO	WEST ST / SPA RD	1/4 - 1/2 NE	H45	21
LUSKINS	1127 WEST ST	1/4 - 1/2 NNW	F47	22
DAVID WILSON RESIDENCE	120 SILOPANNA RD.	1/4 - 1/2 SSE	G48	22
R & R AUTO SALES	WEST ST / AMOS GARRET	1/4 - 1/2 NE	H49	22
PAUL SOPHOCLES	913 RIDGEWOOD ST.	1/4 - 1/2 N	50	23
CHEVRON STATION	1207 WEST ST.	1/4 - 1/2 NNW	I52	23
WALPS SERVICE CENTER	1207 WEST ST.	1/4 - 1/2 NNW	I53	23
FRED MENKE PROPERTY	284 WEST ST.	1/4 - 1/2 NE	55	24
WAWA FOOD STORE	1090 SPA RD	1/4 - 1/2 SW	58	24
TRINITY CHURCH	1300 WEST ST.	1/4 - 1/2 NW	M68	28
PETER NORRIS PROPERTY	15 LOCUST AVE.	1/4 - 1/2 NW	M71	28
CHARLES CADELL RESIDENCE	17 LOCUST AVE.	1/4 - 1/2 NW	72	28
SIMON EDWARDS RESIDENCE	31 GLEN AVE.	1/4 - 1/2 NNW	73	29

Lower Elevation	Address	Dist / Dir	Map ID	Page
DARRELL WILSON RESIDENCE	42 BOXWOOD RD.	1/4 - 1/2 SSE	24	13
DAVID PELTZ	137 SPA DRIVE	1/4 - 1/2 SE	30	15
UNKNOWN	AMOS GARRETT BLVD. /	1/4 - 1/2 E	39	20
GERALD BROWNE RESIDENCE	161 ACTON RD.	1/4 - 1/2 SSE	40	20
ANITA WIRTA RESIDENCE	155 MONTICELLO AVE.	1/4 - 1/2 ENE	51	23
KEN DYMOND RESIDENCE	106 ARCHWOOD AVE.	1/4 - 1/2 E	54	23
GLENN SUTTON	142 1/2 MONTICELLO AVE	1/4 - 1/2 NE	J56	24
JOE FORD RESIDENCE	127 MONTICELLO AVE.	1/4 - 1/2 NE	J57	24
MARGARET MCKIM PROPERTY	253-255 WEST ST.	1/4 - 1/2 NE	K59	25
CAROL BOSLEY RESIDENCE	6 STEWARD AVE.	1/4 - 1/2 ENE	L60	25
CAROL CRAIG RESIDENCE	8 STEWARD AVE	1/4 - 1/2 ENE	L61	25
COMMUNITY ACTION AGENCY PROP.	251 WEST ST.	1/4 - 1/2 NE	K62	25
CROWN STATION	245 WEST ST.	1/4 - 1/2 NE	K63	25
CROWN STATION	245 WEST ST.	1/4 - 1/2 NE	K64	26

EXECUTIVE SUMMARY

Lower Elevation	Address	Dist / Dir	Map ID	Page
SILVER STAR SERVICE CENTER	240 WEST ST	1/4 - 1/2NE	K67	27
ETHEL KOTZIN RESIDENCE	22 STEELE AVE.	1/4 - 1/2ENE	69	28
B & B MINI MARKET	11 MONTECELLO AVE	1/4 - 1/2E	70	28

STATE OR LOCAL ASTM SUPPLEMENTAL

HIST LUST: In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in underground storage tank information maybe found in the OCPCASES database.

A review of the Historical LUST list, as provided by EDR, has revealed that there are 6 Historical LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
ANNAPOLIS UTILITIES INC.	1000 SMITHVILLE STREET	1/8 - 1/4N	20	11
MASON AUTO REPAIR	***1032 WEST ST***	***1/4 - 1/2NNW***	***E37***	***18***
CITY OF ANNAPOLIS	WEST STREET / SPA ROA	1/4 - 1/2NE	H44	21
TEXACO	324 WEST STREET	1/4 - 1/2NE	H46	22

Lower Elevation	Address	Dist / Dir	Map ID	Page
CROWN STATION	***245 WEST ST***	***1/4 - 1/2NE***	***K65***	***26***
SILVER STAR SERVICE	***240 WEST ST #B***	***1/4 - 1/2NE***	***K66***	***27***

HIST UST: Historical UST Registered Database.

A review of the Historical UST list, as provided by EDR, has revealed that there are 5 Historical UST sites within approximately 0.25 miles of the target property.

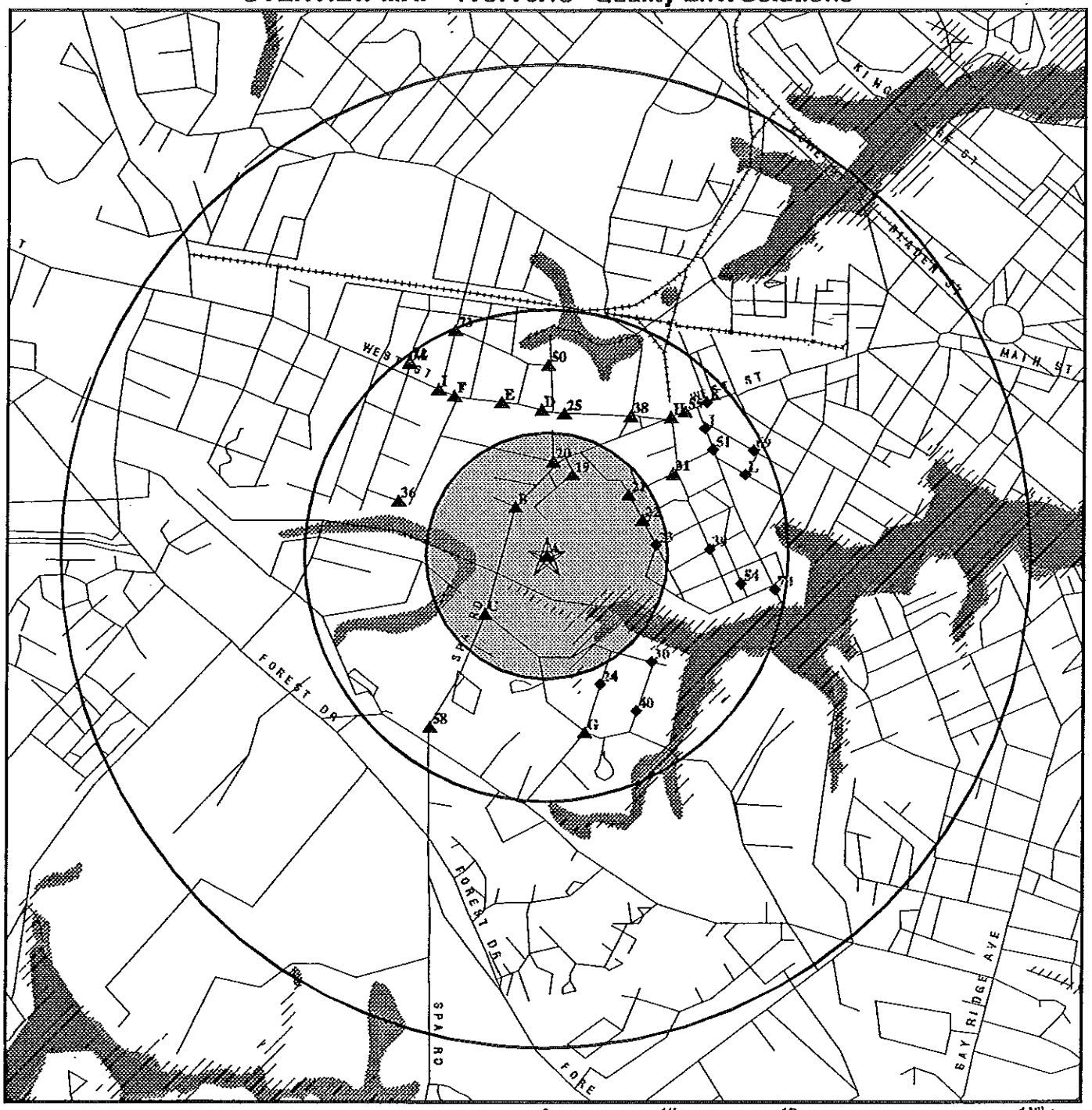
Equal/Higher Elevation	Address	Dist / Dir	Map ID	Page
UTILITY SHOP	937 SPA RD	0 - 1/8 NW	B9	7
DEPT. OF TRANS/TRANSIT GARAGE	932 SPA RD	0 - 1/8 NW	B14	8
AA CO. ASSOC. RETARDED CITIZEN	931 SPA RD	0 - 1/8 NNW	B16	9
ANNAPOLIS RADIATOR BODY SHOP	***1023 SPA RD***	***1/8 - 1/4SW***	***C18***	***9***
MARYLAND HALL FOR CREATIVE ART	CONSTITUTION / GREENF	1/8 - 1/4NE	21	11

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

Site Name	Database(s)
ANNAPOLIS PLANT	SHWS
JENNIFER ROAD DETENTION CTR.	OCPCASES
AA COUNTY PUBLIC WORKS OLD BATES	OCPCASES
AWALD ROAD LIFT STATION	Historical UST
BYWATER ROAD LIFT STATION	Historical UST
BATES JUNIOR HIGH SCHOOL	Historical UST
EISENHOWER GOLF COURSE	Historical UST
KEY SCHOOL, INC. THE	Historical UST
PORTER ROAD LIFT STATION	Historical UST
EXXON STATION #2-5094	Historical UST
ST. MARGARET'S CO GLC 35035	Historical UST
SANDY POINT STATE PARK	Historical UST
SANDY POINT REPEATER 35028	Historical UST
SUMNER ROAD LIFT STATION	Historical UST
PAROLE ESS. 35063	Historical UST
AWALD ROAD LIFT STATION	UST
BYWATER ROAD LIFT STATION	UST
PORTER ROAD LIFT STATION	UST
ST. MARGARET'S CO. GLC-35035	UST
WILLIAM PRESTON LANE JR. MEMORIAL	UST
SUMNER ROAD LIFT STATION	UST
EXXON RAS 26266	RCRIS-SQG
MARYLAND ENVIRONMENTAL SERVICE	RCRIS-SQG, FINDS
WILLIAM PRESTON LANE JR MEMORIAL B	RCRIS-SQG, FINDS

OVERVIEW MAP - 773776.1s - Quality Env. Solutions



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Coal Gasification Sites

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

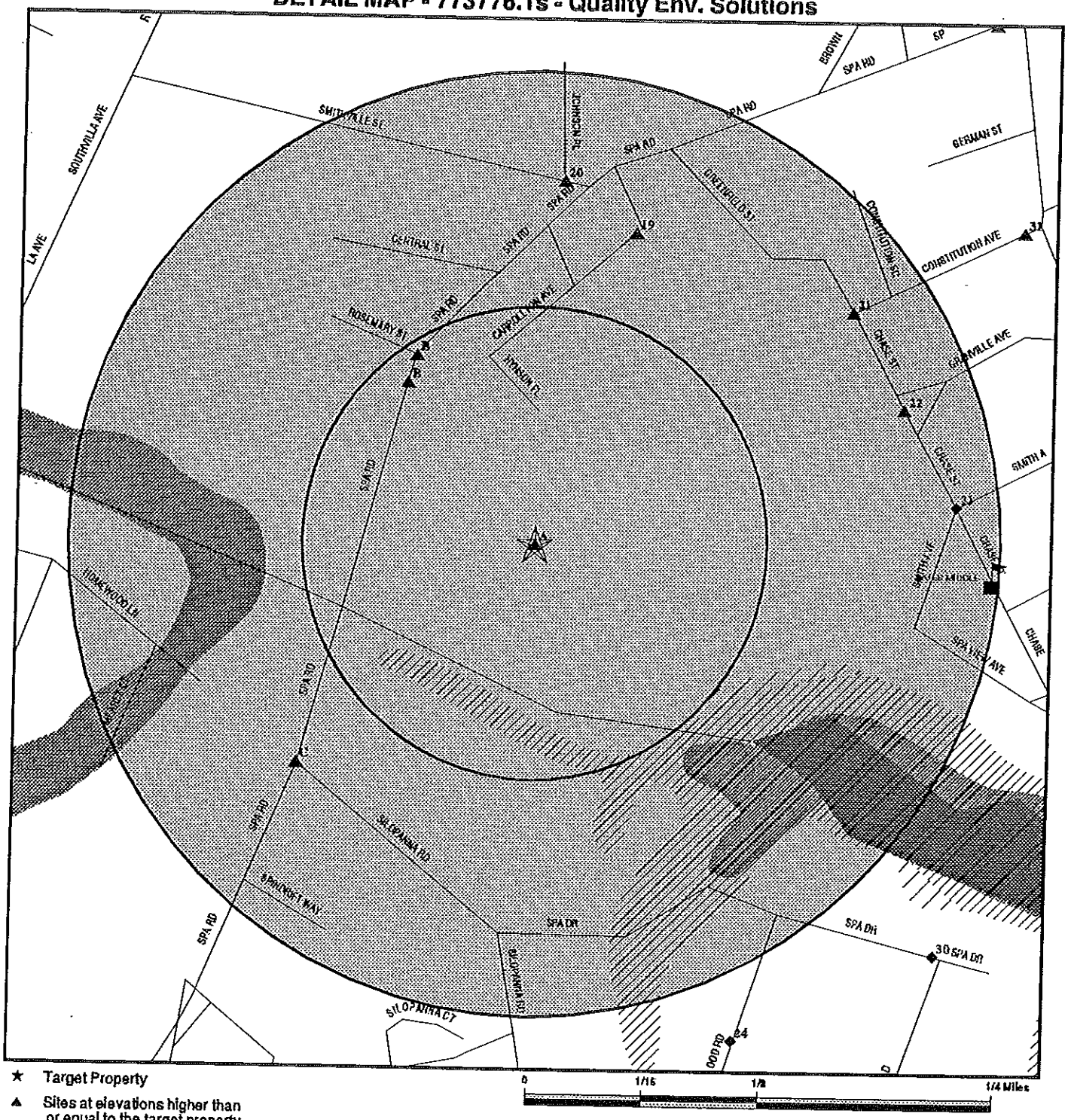
100-year flood zone

500-year flood zone

Wetlands

TARGET PROPERTY:	Public Works Parcel, Spa Road	CUSTOMER:	Quality Env. Solutions
ADDRESS:	Spa Road	CONTACT:	Dean Pinson
CITY/STATE/ZIP:	Annapolis MD 21401	INQUIRY #:	773776.1s
LAT/LONG:	38.9722 / 76.5084	DATE:	May 03, 2002 12:23 pm

DETAIL MAP - 773776.1s - Quality Env. Solutions



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

Coal Gasification Sites

Sensitive Receptors

National Priority List Sites

Landfill Sites

Power transmission lines

Oil & Gas pipelines

100-year flood zone

500-year flood zone

Wetlands

TARGET PROPERTY:	Public Works Parcel, Spa Road	CUSTOMER:	Quality Env. Solutions
ADDRESS:	Spa Road	CONTACT:	Dean Pinson
CITY/STATE/ZIP:	Annapolis MD 21401	INQUIRY #:	773776.1s
LAT/LONG:	38.9722 / 76.5084	DATE:	May 03, 2002 12:23 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
FEDERAL ASTM STANDARD								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	0	NR	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	2	NR	NR	NR	2
ERNS	X	TP	NR	NR	NR	NR	NR	0
STATE ASTM STANDARD								
State Haz. Waste		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
UST	X	0.250	2	2	NR	NR	NR	4
OCPCASES	X	0.500	3	4	46	NR	NR	53
SWRCY		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
FEDERAL ASTM SUPPLEMENTAL								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
FINDS	X	TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
FTTS		TP	NR	NR	NR	NR	NR	0
STATE OR LOCAL ASTM SUPPLEMENTAL								
Historical LUST		0.500	0	1	5	NR	NR	6
AST		TP	NR	NR	NR	NR	NR	0
Historical UST	X	0.250	3	2	NR	NR	NR	5
EDR PROPRIETARY HISTORICAL DATABASES								
Coal Gas		1.000	0	0	0	0	NR	0

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

A1	**935 SPA ROAD**	**ERNS**	**92262385**
Target	**935 SPA ROAD**		**N/A**
Property	**ANNAPOLIS, MD**		

Site 1 of 8 in cluster A

A2	**PUBLIC WORKS SERVICES**	**UST**	**1002937798**
Target	**935 SPA ROAD**		**N/A**
Property	**ANNAPOLIS, MD 21401**		

Site 2 of 8 in cluster A

UST:

Facility ID:	12118
Capacity:	10000
Tank Status:	CURRENTLY IN USE
Product:	Diesel
Owner Id:	4952
Owner Name:	City of Annapolis
Address:	160 Duke of Gloucester St. Annapolis, MD 21401
Contact:	Cindy Tait
Phone:	(410) 263-794
First Name:	S.Keith
Last Name:	McPhail

Facility ID:	12118
Capacity:	1500
Tank Status:	PERMANENTLY OUT OF USE
Product:	Heating Oil
Owner Id:	4952
Owner Name:	City of Annapolis
Address:	160 Duke of Gloucester St. Annapolis, MD 21401
Contact:	Cindy Tait
Phone:	(410) 263-794
First Name:	S.Keith
Last Name:	McPhail

Facility ID:	12118
Capacity:	10000
Tank Status:	CURRENTLY IN USE
Product:	GASOLINE
Owner Id:	4952
Owner Name:	City of Annapolis
Address:	160 Duke of Gloucester St. Annapolis, MD 21401
Contact:	Cindy Tait
Phone:	(410) 263-794
First Name:	S.Keith
Last Name:	McPhail

A3 Target Property — **PUBLIC WORKS DEPT.-CITY OF ANNAPOLIS**
935 SPA ROAD
ANNAPOLIS, MD 21401

FINDS — **1004525295** / **MD0000803270**

Site 3 of 8 in cluster A

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)

A4 Target Property — **CITY GARAGE**
935 SPA RD.
ANNAPOLIS, MD 21401

OCPCASES — **S104601619** / **N/A**

Site 4 of 8 in cluster A

OCP Cases:

Facility ID:	97-2041AA2
Cleanup:	NO
Facility Status:	CLOSED
Release:	NO
Facility Code:	Compliance Inspections (C3, 4, 4A, 5, 9, 10, 11)

A5 Target Property — **CITY GARAGE**
935 SPA RD
ANNAPOLIS, MD 21401

Historical UST — **S104635255** / **N/A**

Site 5 of 8 in cluster A

UST HISTORICAL:

ENVID:	S104635255	Tank ID:	001
Facility ID:	6000939	Capacity:	10,000
Age:	8	Product:	Gasoline
Tank Status:	Currently in use		
Product:	Gasoline		

ENVID:	S104635255	Tank ID:	002
Facility ID:	6000939	Capacity:	10,000
Age:	8	Product:	Diesel
Tank Status:	Currently in use		
Product:	Diesel		

ENVID:	S104635255	Tank ID:	003
Facility ID:	6000939	Capacity:	1,500
Age:	16	Product:	Heating Oil
Tank Status:	Removed		
Product:	Heating Oil		

A6 Target Property — **WEEM WHALEN FIELD PETRO. SPILL**
935 SPA RD
ANNAPOLIS, MD

OCPCASES — **S104618411** / **N/A**

Site 6 of 8 in cluster A

OCP Cases:

Facility ID:	00-1380AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES

WEEM WHALEN FIELD PETRO. SPILL (Continued) — **S104618411**

Facility Code: Dumping

A7 Target Property — **AA CO. DEPT. OF PUBLIC WORKS GARAGE**, **935 SPA RD.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104603184** / **N/A**

Site 7 of 8 in cluster A

OCP Cases:

Facility ID:	94-1388AA2
Cleanup:	Not reported
Facility Status:	CLOSED
Release:	Not reported
Facility Code:	Not reported

A8 Target Property — **ANNAPOLIS CITY GARAGE**, **935 SPA ROAD**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104610481** / **N/A**

Site 8 of 8 in cluster A

OCP Cases:

Facility ID:	93-0605AA1
Cleanup:	Not reported
Facility Status:	CLOSED
Release:	Not reported
Facility Code:	Not reported

B9 NW < 1/8 573 Higher — **UTILITY SHOP**, **937 SPA RD**, **ANNAPOLIS, MD 21401** — **Historical UST** — **S104635262** / **N/A**

Site 1 of 8 in cluster B

UST HISTORICAL:

ENVID:	S104635262		
Facility ID:	6000946	Tank ID:	001
Age:	28	Capacity:	1,000
Tank Status:	Currently in use	Product:	Diesel
Product:	Diesel		

B10 NW < 1/8 577 Higher — **CITY OF ANNAPOLIS UTILITIES OPER.**, **937 SPY RD.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104848105** / **N/A**

Site 2 of 8 in cluster B

OCP Cases:

Facility ID:	01-0857AA2
Cleanup:	NO
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Motor/Lube Oil

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
B11 NW < 1/8 577 Higher	**UTILITY SHOP** **937 SPA RD.** **ANNAPOLIS, MD 21401**	UST	U003759464 N/A

Site 3 of 8 in cluster B

UST:

Facility ID:	12081
Capacity:	1000
Tank Status:	PERMANENTLY OUT OF USE
Product:	Diesel
Owner Id:	4952
Owner Name:	City of Annapolis
Address:	160 Duke of Gloucester St. Annapolis, MD 21401
Contact:	Cindy Tait
Phone:	(410) 263-794
First Name:	Mike
Last Name:	Bunker

B12 NW < 1/8 613 Higher	**DEPT. OF TRANSPORTATION, TRANSIT GARAGE** **932 SPA ROAD** **ANNAPOLIS, MD 21401**	UST	U003754171 N/A

Site 4 of 8 in cluster B

UST:

Facility ID:	8316
Capacity:	550
Tank Status:	PERMANENTLY OUT OF USE
Product:	Heating Oil
Owner Id:	4952
Owner Name:	City of Annapolis
Address:	160 Duke of Gloucester St. Annapolis, MD 21401
Contact:	Cindy Tait
Phone:	(410) 263-794
First Name:	Cindy
Last Name:	Tait

B13 NW < 1/8 613 Higher	**FORMER DEPT OF TRANSPORTATION GARAGE** **932 SPA RD** **ANNAPOLIS, MD**	OCPCASES	S104599499 N/A

Site 5 of 8 in cluster B

OCP Cases:

Facility ID:	96-2057AA2
Cleanup:	Not reported
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Heating Oil

B14 NW < 1/8 613 Higher	**DEPT. OF TRANS/TRANSIT GARAGE** **932 SPA RD** **ANNAPOLIS, MD 21401**	Historical UST	S104641214 N/A

Site 6 of 8 in cluster B

DEPT. OF TRANS/TRANSIT GARAGE (Continued) — **S104641214**

UST HISTORICAL:

ENVID:	S104641214		
Facility ID:	6014222	Tank ID:	001
Age:	Not reported	Capacity:	550
Tank Status:	Removed	Product:	Heating Oil
Product:	Heating Oil		

B15 — **AA CO. DEPT. OF PUBLIC TRANSPORT GARAGE** — **OCPCASES** — **S104603183**
NW — **932 SPA RD.** — **N/A**
< 1/8 — **ANNAPOLIS, MD 21401**
613
Higher — **Site 7 of 8 in cluster B**

OCP Cases:

Facility ID:	94-1387AA2
Cleanup:	Not reported
Facility Status:	CLOSED
Release:	Not reported
Facility Code:	Not reported

B16 — **AA CO. ASSOC. RETARDED CITIZENS** — **Historical UST** — **S104641163**
NNW — **931 SPA RD** — **N/A**
< 1/8 — **ANNAPOLIS, MD 21401**
624
Higher — **Site 8 of 8 in cluster B**

UST HISTORICAL:

ENVID:	S104641163		
Facility ID:	6014155	Tank ID:	001
Age:	21	Capacity:	Not reported
Tank Status:	Currently in use	Product:	Heating Oil
Product:	Heating Oil		

C17 — **MARYLAND RECOVERY IMPOUND DIVISION** — **OCPCASES** — **S104594745**
SW — **1023 SPA RD.** — **N/A**
1/8-1/4 — **ANNAPOLIS, MD**
909
Higher — **Site 1 of 2 in cluster C**

OCP Cases:

Facility ID:	98-2347AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES
Facility Code:	Aboveground Tank Leak - Emergency

C18 — **ANNAPOLIS RADIATOR BODY SHOP** — **RCRIS-SQG** — **1000154012**
SW — **1023 SPA RD** — **FINDS** — **MDD056504087**
1/8-1/4 — **ANNAPOLIS, MD 21403** — **OCPCASES**
910 — **UST**
Higher — **Site 2 of 2 in cluster C** — **Historical UST**

ANNAPOLIS RADIATOR BODY SHOP (Continued) 1000154012

RCRIS:
Owner: CLOW, PHIL
(215) 555-1212
EPA ID: MDD056504087
Contact: PHIL CLOW
(301) 263-4650
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

OCP Cases:
Facility ID: 92-0940AA1
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

Facility ID: 99-0179AA2
Cleanup: NO
Facility Status: CLOSED
Release: NO
Facility Code: Tank Removal /Abandonment - Motor/Lube Oil

UST HISTORICAL:
ENVID: 1000154012
Facility ID: 6000592
Age: 10
Tank Status: Currently in use
Product: Heating Oil
Tank ID: 001
Capacity: 1,000
Product: Heating Oil

UST:
Facility ID: 410
Capacity: 1000
Tank Status: PERMANENTLY OUT OF USE
Product: Heating Oil
Owner Id: 4778
Owner Name: Philip I. Clow
Address: 1023 Spa Road
Annapolis, MD 21403
Contact: Not reported
Phone: (410) 263-465
First Name: Bob
Last Name: Cavey

ANNAPOLIS RADIATOR BODY SHOP (Continued) — 1000154012

Facility ID: 410
Capacity: 550
Tank Status: PERMANENTLY OUT OF USE
Product: Used Oil
Owner Id: 4778
Owner Name: Philip I. Clow
Address: 1023 Spa Road
Annapolis, MD 21403
Contact: Not reported
Phone: (410) 263-465
First Name: Bob
Last Name: Cavey

---

19 NNE 1/8-1/4 912 Higher

BEATRICE BROWN RESIDENCE
809 CARROLTON AVE
ANNAPOLIS, MD 21401

OCPCASES — S104600176 / N/A

OCP Cases:
Facility ID: 97-0380AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Aboveground Tank Leak

---

20 North 1/8-1/4 1018 Higher

ANNAPOLIS UTILITIES INC.
1000 SMITHVILLE STREET
ANNAPOLIS, MD

Historical LUST — S102656960 / N/A

LUST Historical:
Case Number: 6-6005AA
County: ANNE ARUNDEL
Open/Closed: OPEN
Recover Type: Automatic - 24 hour remediation system is on site

---

21 NE 1/8-1/4 1107 Higher

MARYLAND HALL FOR CREATIVE ARTS
CONSTITUTION / GREENFIELD
ANNAPOLIS, MD 21401

Historical UST — S104635112 / N/A

UST HISTORICAL:
ENVID: S104635112
Facility ID: 6000734
Age: 8
Tank Status: Currently in use
Product: Heating Oil
Tank ID: 001
Capacity: 10,000
Product: Heating Oil

---

22 ENE 1/8-1/4 1110 Higher

MARYLAND HALL FOR CREATIVE ARTS
801 CHASE ST
ANNAPOLIS, MD 21401

OCPCASES — S104600161 / N/A

MARYLAND HALL FOR CREATIVE ARTS (Continued) — **S104600161**

OCP Cases:
- Facility ID: 97-0365AA2
- Cleanup: NO
- Facility Status: CLOSED
- Release: NO
- Facility Code: Retrofit/Repair - Heating Oil

---

23 East 1/8-1/4 1199 Lower — **BATES MIDDLE SCHOOL**, **701 CHASE AVE SMITH**, **ANNAPOLIS, MD 21401** — **RCRIS-SQG, FINDS, UST** — **1000448084**, **MDD985373059**

RCRIS:
- Owner: ANNE ARUNDEL CO PUBLIC (215) 555-1212
- EPA ID: MDD985373059
- Contact: CHARLES-T LEARY (301) 255-2535
- Classification: Small Quantity Generator
- Used Oil Recyc: No
- TSDF Activities: Not reported

BIENNIAL REPORTS:
Last Biennial Reporting Year: 1999

Waste	Quantity (Lbs)	Waste	Quantity (Lbs)
D001	20.00	D002	14.00
D003	5.00	D005	15.00
D006	14.00	D007	15.00
D008	11.00	D009	0.00
D011	14.00	LABP	33.00
P022	4.00	U002	12.00
U044	8.00	U135	0.00
U144	9.00	U154	8.00
U165	0.00	U188	8.00
U211	1.00	U218	1.00
U239	4.00		

Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
- AIRS Facility System (AIRS/AFS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)

UST:
- Facility ID: 3200
- Capacity: 10000
- Tank Status: CURRENTLY IN USE
- Product: Heating Oil
- Owner Id: 927
- Owner Name: Anne Arundel County Public Schools
- Address: 2644 Riva Road, Annapolis, MD 21401
- Contact: Thomas Plitt
- Phone: (410) 255-253
- First Name: Lyle
- Last Name: Smith

BATES MIDDLE SCHOOL (Continued) 1000448084

Facility ID: 3200
Capacity: 10000
Tank Status: PERMANENTLY OUT OF USE
Product: Heating Oil
Owner Id: 927
Owner Name: Anne Arundel County Public Schools
Address: 2644 Riva Road
Annapolis, MD 21401
Contact: Thomas Plitt
Phone: (410) 255-253
First Name: Lyle
Last Name: Smith

Facility ID: 3200
Capacity: 10000
Tank Status: CURRENTLY IN USE
Product: Heating Oil
Owner Id: 927
Owner Name: Anne Arundel County Public Schools
Address: 2644 Riva Road
Annapolis, MD 21401
Contact: Thomas Plitt
Phone: (410) 255-253
First Name: Lyle
Last Name: Smith

Facility ID: 3200
Capacity: 10000
Tank Status: PERMANENTLY OUT OF USE
Product: Heating Oil
Owner Id: 927
Owner Name: Anne Arundel County Public Schools
Address: 2644 Riva Road
Annapolis, MD 21401
Contact: Thomas Plitt
Phone: (410) 255-253
First Name: Lyle
Last Name: Smith

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24 SSE 1/4-1/2 1499 Lower

DARRELL WILSON RESIDENCE
42 BOXWOOD RD.
ANNAPOLIS, MD

OCPCASES S104618140
N/A

OCP Cases:
Facility ID: 00-1089AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Aboveground Tank Leak

---

25 North 1/4-1/2 1543 Higher

REESE FUNERAL HOME
821 WEST ST
ANNAPOLIS, MD

OCPCASES S104606352
N/A

REESE FUNERAL HOME (Continued) — **S104606352**

OCP Cases:
- Facility ID: 95-1659AA2
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

D26 North 1/4-1/2 1552 Higher — **AMOCO STATION**, **910 WEST ST.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **U001546874** / **N/A**

Site 1 of 4 in cluster D

OCP Cases:
- Facility ID: 94-1913AA2
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: YES
- Facility Code: Dumping

D27 North 1/4-1/2 1563 Higher — **SPAR ASSOCIATES**, **927 WEST ST.**, **ANNAPOLIS, MD** — **OCPCASES** — **S104595150** / **N/A**

Site 2 of 4 in cluster D

OCP Cases:
- Facility ID: 99-0105AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Motor/Lube Oil

D28 North 1/4-1/2 1565 Higher — **SPAR ASSOCIATES/LAURENT C.DESCHAMPS**, **927 WEST ST.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104601883** / **N/A**

Site 3 of 4 in cluster D

OCP Cases:
- Facility ID: 97-2341AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

D29 North 1/4-1/2 1572 Higher — **MASON BUILDING**, **929 WEST ST.**, **ANNAPOLIS, MD 21403** — **OCPCASES** — **S104740535** / **N/A**

Site 4 of 4 in cluster D

OCP Cases:
- Facility ID: 01-0128AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
	MASON BUILDING (Continued)		**S104740535**
	Facility Code: Well/GW Contamination - Heating Oil		
30 SE 1/4-1/2 1619 Lower	**DAVID PELTZ 137 SPA DRIVE ANNAPOLIS, MD 21403**	**OCPCASES**	**S104608892 N/A**
	OCP Cases: Facility ID: 92-1872AA2; Cleanup: Not reported; Facility Status: CLOSED; Release: Not reported; Facility Code: Not reported		
31 ENE 1/4-1/2 1632 Higher	**MIKE KOKKINOS PROPERTY 10 CONSTITUTION AVE. ANNAPOLIS, MD**	**OCPCASES**	**S105040481 N/A**
	OCP Cases: Facility ID: 01-1653AA2; Cleanup: Not reported; Facility Status: OPEN; Release: YES; Facility Code: Tank Removal /Abandonment - Heating Oil		
E32 NNW 1/4-1/2 1686 Higher	**BERT SPRIGGS LINCOLN 1013 WEST ST ANNAPOLIS, MD 21401**	**OCPCASES**	**S104849875 N/A**
	Site 1 of 5 in cluster E		
	OCP Cases: Facility ID: 90-1768AA1; Cleanup: Not reported; Facility Status: CLOSED; Release: Not reported; Facility Code: Not reported		
E33 NNW 1/4-1/2 1686 Higher	**BERT SPRIGGS MOTOR SALES INC 1013 WEST ST ANNAPOLIS, MD 21401**	**RCRIS-SQG FINDS OCPCASES UST Historical UST**	**1000393949 MDD022341713**
	Site 2 of 5 in cluster E		

BERT SPRIGGS MOTOR SALES INC (Continued) 1000393949

RCRIS:
Owner: BERT SPRIGGS MOTOR SALES INC
(215) 555-1212
EPA ID: MDD022341713
Contact: CARL LORD
(301) 263-9234
Classification: Small Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

OCP Cases:
Facility ID: 01-1038AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Other (Specify)

UST HISTORICAL:

ENVID:	1000393949		
Facility ID:	3000993	Tank ID:	001
Age:	15	Capacity:	1,000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000393949		
Facility ID:	3000993	Tank ID:	002
Age:	15	Capacity:	5,000
Tank Status:	Removed	Product:	Heating Oil
Product:	Heating Oil		

ENVID:	1000393949		
Facility ID:	3000993	Tank ID:	003
Age:	7	Capacity:	550
Tank Status:	Removed	Product:	Other
Product:	Other		

ENVID:	1000393949		
Facility ID:	3000993	Tank ID:	004
Age:	6	Capacity:	550
Tank Status:	Currently in use	Product:	Used Oil
Product:	Used Oil		

ENVID:	1000393949		
Facility ID:	3000993	Tank ID:	005
Age:	6	Capacity:	Not reported
Tank Status:	Currently in use	Product:	Other
Product:	Other		

BERT SPRIGGS MOTOR SALES INC (Continued) 1000393949

UST:

Facility ID:	3771
Capacity:	550
Tank Status:	PERMANENTLY OUT OF USE
Product:	Used Oil
Owner Id:	2454
Owner Name:	Bert Spriggs Motor Sales, Inc.
Address:	1013 West Street Annapolis, MD 21401
Contact:	Ann W. Patrick
Phone:	(401) 263-923
First Name:	Ann W.
Last Name:	Patrick

Facility ID:	3771
Capacity:	550
Tank Status:	PERMANENTLY OUT OF USE
Product:	Heating Oil
Owner Id:	2454
Owner Name:	Bert Spriggs Motor Sales, Inc.
Address:	1013 West Street Annapolis, MD 21401
Contact:	Ann W. Patrick
Phone:	(401) 263-923
First Name:	Ann W.
Last Name:	Patrick

Facility ID:	3771
Capacity:	5000
Tank Status:	PERMANENTLY OUT OF USE
Product:	Heating Oil
Owner Id:	2454
Owner Name:	Bert Spriggs Motor Sales, Inc.
Address:	1013 West Street Annapolis, MD 21401
Contact:	Ann W. Patrick
Phone:	(401) 263-923
First Name:	Ann W.
Last Name:	Patrick

Facility ID:	3771
Capacity:	550
Tank Status:	PERMANENTLY OUT OF USE
Product:	Heating Oil
Owner Id:	2454
Owner Name:	Bert Spriggs Motor Sales, Inc.
Address:	1013 West Street Annapolis, MD 21401
Contact:	Ann W. Patrick
Phone:	(401) 263-923
First Name:	Ann W.
Last Name:	Patrick

BERT SPRIGGS MOTOR SALES INC (Continued) — 1000393949

Facility ID: 3771
Capacity: 1000
Tank Status: PERMANENTLY OUT OF USE
Product: GASOLINE
Owner Id: 2454
Owner Name: Bert Spriggs Motor Sales, Inc.
Address: 1013 West Street
Annapolis, MD 21401
Contact: Ann W. Patrick
Phone: (401) 263-923
First Name: Ann W.
Last Name: Patrick

E34 NNW 1/4-1/2 1693 Higher

BAY AREA TIRE
1019 WEST ST.
ANNAPOLIS, MD 20401

OCPCASES — S104593734 / N/A

Site 3 of 5 in cluster E

OCP Cases:
Facility ID: 98-1181AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Tank Removal /Abandonment - Heating Oil

E35 NNW 1/4-1/2 1693 Higher

KOONS TOYOTA
1019 WEST ST
ANNAPOLIS, MD 21401

OCPCASES — U003559494 / N/A

Site 4 of 5 in cluster E

OCP Cases:
Facility ID: 90-2332AA1
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

---

36 WNW 1/4-1/2 1723 Higher

CARPENTERS LOCAL UNION #1126
1202 KENTWOOD ST.
ANNAPOLIS, MD 21401

OCPCASES — U001551367 / N/A

OCP Cases:
Facility ID: 98-0016AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Tank Removal /Abandonment - Heating Oil

E37 NNW 1/4-1/2 1723 Higher

MASON AUTO REPAIR
1032 WEST ST
ANNAPOLIS, MD 21401

OCPCASES, Historical UST, Historical LUST — S104549710 / N/A

Site 5 of 5 in cluster E

MASON AUTO REPAIR (Continued) **S104549710**

OCP Cases:

Facility ID:	94-1916AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Motor/Lube Oil

Facility ID:	99-1903AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Motor/Lube Oil

UST HISTORICAL:

ENVID:	S104549710		
Facility ID:	3000935	Tank ID:	001
Age:	35	Capacity:	4,000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	S104549710		
Facility ID:	3000935	Tank ID:	002
Age:	35	Capacity:	4,000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	S104549710		
Facility ID:	3000935	Tank ID:	003
Age:	35	Capacity:	4,000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	S104549710		
Facility ID:	3000935	Tank ID:	004
Age:	30	Capacity:	4,000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	S104549710		
Facility ID:	3000935	Tank ID:	005
Age:	35	Capacity:	Not reported
Tank Status:	Currently in use	Product:	Used Oil
Product:	Used Oil		

---

38 NNE 1/4-1/2 1757 Higher

FORMER MR.TIRE
2 TAYLOR AVE.
ANNAPOLIS, MD

OCPCASES **S104594986**
N/A

OCP Cases:

Facility ID:	98-2617AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Heating Oil

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
39 East 1/4-1/2 1786 Lower	**UNKNOWN** **AMOS GARRETT BLVD. / ACADEMY ST.** **ANNAPOLIS, MD 21401**	OCPCASES	S104601620 N/A

OCP Cases:
- Facility ID: 97-2042AA2
- Cleanup: NO
- Facility Status: CLOSED
- Release: YES
- Facility Code: Aboveground Tank Leak

40 SSE 1/4-1/2 1933 Lower	**GERALD BROWNE RESIDENCE** **161 ACTON RD.** **ANNAPOLIS, MD**	OCPCASES	S104594341 N/A

OCP Cases:
- Facility ID: 98-1889AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

F41 NNW 1/4-1/2 1933 Higher	**KOONS TOYOTA** **1107 WEST ST** **ANNAPOLIS, MD 21401** **Site 1 of 3 in cluster F**	RCRIS-SQG FINDS OCPCASES Historical UST	1000319545 MDD981043342

RCRIS:
- Owner: KOONS TOYOTA INC (215) 555-1212
- EPA ID: MDD981043342
- Contact: J_EICKENBERG_B LICHTFUSS (301) 261-2905
- Classification: Small Quantity Generator
- Used Oil Recyc: No
- TSDF Activities: Not reported
- Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
- AIRS Facility System (AIRS/AFS)
- Facility Registry System (FRS)
- Resource Conservation and Recovery Act Information system (RCRAINFO)

OCP Cases:
- Facility ID: 92-0291AA1
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

KOONS TOYOTA (Continued) — **1000319545**

UST HISTORICAL:

ENVID:	1000319545		
Facility ID:	3000750	Tank ID:	001
Age:	22	Capacity:	2000
Tank Status:	Removed	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000319545		
Facility ID:	3000750	Tank ID:	002
Age:	22	Capacity:	1000
Tank Status:	Permanently out of use	Product:	Used Oil
Product:	Used Oil		

F42 NNW 1/4-1/2 1935 Higher — **KOON'S TOYOTA**, **1107 WEST ST.**, **ANNAPOLIS, MD** — **OCPCASES** — **S104595088** / **N/A**

Site 2 of 3 in cluster F

OCP Cases:

Facility ID:	99-0037AA2
Cleanup:	YES
Facility Status:	CLOSED
Release:	YES
Facility Code:	Tank Removal /Abandonment - Motor/Lube Oil

G43 SSE 1/4-1/2 1941 Higher — **RONALD BOLIN RESIDENCE**, **102 BOXWOOD RD.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104600621** / **N/A**

Site 1 of 2 in cluster G

OCP Cases:

Facility ID:	97-0894AA2
Cleanup:	NO
Facility Status:	CLOSED
Release:	NO
Facility Code:	Aboveground Tank Leak

H44 NE 1/4-1/2 1945 Higher — **CITY OF ANNAPOLIS**, **WEST STREET / SPA ROAD**, **ANNAPOLIS, MD** — **Historical LUST** — **S101183474** / **N/A**

Site 1 of 4 in cluster H

LUST Historical:

Case Number:	91-0086AA
County:	ANNE ARUNDEL
Open/Closed:	CLOSED
Recover Type:	Monitoring - No active remediation. Sampling of monitoring wells only

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H45 NE 1/4-1/2 1945 Higher — **DARDEN'S SUNOCO/CITY OF ANNAPOLIS**, **WEST ST / SPA RD**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104614856** / **N/A**

Site 2 of 4 in cluster H

DARDEN'S SUNOCO/CITY OF ANNAPOLIS (Continued) — **S104614856**

OCP Cases:
- Facility ID: 91-0086AA2
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

H46 NE 1/4-1/2 1964 Higher — **TEXACO**, **324 WEST STREET**, **ANNAPOLIS, MD** — **Historical LUST** — **S103287050** / **N/A**

Site 3 of 4 in cluster H

LUST Historical:
- Case Number: 9-0411AA
- County: ANNE ARUNDEL
- Open/Closed: CLOSED
- Recover Type: Monitoring - No active remediation. Sampling of monitoring wells only

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F47 NNW 1/4-1/2 1995 Higher — **LUSKINS**, **1127 WEST ST**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **U003038468** / **N/A**

Site 3 of 3 in cluster F

OCP Cases:
- Facility ID: 90-2291AA1
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

G48 SSE 1/4-1/2 2003 Higher — **DAVID WILSON RESIDENCE**, **120 SILOPANNA RD.**, **ANNAPOLIS, MD** — **OCPCASES** — **S105040454** / **N/A**

Site 2 of 2 in cluster G

OCP Cases:
- Facility ID: 01-1617AA2
- Cleanup: Not reported
- Facility Status: OPEN
- Release: YES
- Facility Code: Tank Test Failure - Heating Oil

H49 NE 1/4-1/2 2012 Higher — **R & R AUTO SALES**, **WEST ST / AMOS GARRETT BLVD**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104614870** / **N/A**

Site 4 of 4 in cluster H

OCP Cases:
- Facility ID: 91-0101AA1
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
50 North 1/4-1/2 2048 Higher	**PAUL SOPHOCLES** **913 RIDGEWOOD ST.** **ANNAPOLIS, MD 21401**	OCPCASES	S104593675 N/A

OCP Cases:
Facility ID: 98-1116AA2
Cleanup: NO
Facility Status: CLOSED
Release: NO
Facility Code: Other - Motor/Lube Oil

51 ENE 1/4-1/2 2142 Lower	**ANITA WIRTA RESIDENCE** **155 MONTICELLO AVE.** **ANNAPOLIS, MD**	OCPCASES	S104600486 N/A

OCP Cases:
Facility ID: 97-0741AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Tank Removal /Abandonment - Heating Oil

I52 NNW 1/4-1/2 2146 Higher	**CHEVRON STATION** **1207 WEST ST.** **ANNAPOLIS, MD 21401** **Site 1 of 2 in cluster I**	OCPCASES	S104603069 N/A

OCP Cases:
Facility ID: 94-1255AA2
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

I53 NNW 1/4-1/2 2146 Higher	**WALPS SERVICE CENTER** **1207 WEST ST.** **ANNAPOLIS, MD 21401** **Site 2 of 2 in cluster I**	OCPCASES	U002235373 N/A

OCP Cases:
Facility ID: 97-1604AA2
Cleanup: NO
Facility Status: CLOSED
Release: NO
Facility Code: Compliance Inspections (C3, 4, 4A, 5, 9, 10, 11)

54 East 1/4-1/2 2149 Lower	**KEN DYMOND RESIDENCE** **106 ARCHWOOD AVE.** **ANNAPOLIS, MD**	OCPCASES	S104740416 N/A

OCP Cases:

KEN DYMOND RESIDENCE (Continued) — **S104740416**

Facility ID: 00-2106AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Tank Removal /Abandonment - Heating Oil

---

55 NE 1/4-1/2 2161 Higher — **FRED MENKE PROPERTY**, **284 WEST ST.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104601471**, **N/A**

OCP Cases:
Facility ID: 97-1873AA2
Cleanup: NO
Facility Status: CLOSED
Release: NO
Facility Code: Tank Removal /Abandonment - Motor/Lube Oil

J56 NE 1/4-1/2 2173 Lower — **GLENN SUTTON**, **142 1/2 MONTICELLO AVE**, **ANNAPOLIS, MD** — **OCPCASES** — **S104599668**, **N/A**

Site 1 of 2 in cluster J

OCP Cases:
Facility ID: 96-2248AA2
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

J57 NE 1/4-1/2 2201 Lower — **JOE FORD RESIDENCE**, **127 MONTICELLO AVE.**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104618180**, **N/A**

Site 2 of 2 in cluster J

OCP Cases:
Facility ID: 00-1132AA2
Cleanup: YES
Facility Status: CLOSED
Release: YES
Facility Code: Tank Removal /Abandonment - Heating Oil

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58 SW 1/4-1/2 2226 Higher — **WAWA FOOD STORE**, **1090 SPA RD**, **ANNAPOLIS, MD 21401** — **OCPCASES** — **S104605781**, **N/A**

OCP Cases:
Facility ID: 95-0927AA2
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
K59 NE 1/4-1/2 2323 Lower	**MARGARET MCKIM PROPERTY 253-255 WEST ST. ANNAPOLIS, MD**	**OCPCASES**	**S104596713 N/A**

Site 1 of 7 in cluster K

OCP Cases:
- Facility ID: 99-1904AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

L60 ENE 1/4-1/2 2335 Lower	**CAROL BOSLEY RESIDENCE 6 STEWARD AVE. ANNAPOLIS, MD**	**OCPCASES**	**S104597472 N/A**

Site 1 of 2 in cluster L

OCP Cases:
- Facility ID: 99-2761AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

L61 ENE 1/4-1/2 2336 Lower	**CAROL CRAIG RESIDENCE 8 STEWARD AVE ANNAPOLIS, MD**	**OCPCASES**	**S104598412 N/A**

Site 2 of 2 in cluster L

OCP Cases:
- Facility ID: 96-0762AA2
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

K62 NE 1/4-1/2 2336 Lower	**COMMUNITY ACTION AGENCY PROP. 251 WEST ST. ANNAPOLIS, MD 21401**	**OCPCASES**	**S105040215 N/A**

Site 2 of 7 in cluster K

OCP Cases:
- Facility ID: 01-1337AA2
- Cleanup: Not reported
- Facility Status: OPEN
- Release: NO
- Facility Code: Tank Removal /Abandonment - Heating Oil

K63 NE 1/4-1/2 2371 Lower	**CROWN STATION 245 WEST ST. ANNAPOLIS, MD 21401**	**OCPCASES**	**U001176262 N/A**

Site 3 of 7 in cluster K

OCP Cases:

CROWN STATION (Continued) — U001176262

Facility ID: 97-2040AA2
Cleanup: NO
Facility Status: CLOSED
Release: NO
Facility Code: Retrofit/Repair - Motor/Lube Oil

K64 NE 1/4-1/2 2371 Lower — **CROWN STATION**, **245 WEST ST.**, **ANNAPOLIS, MD 21401** — OCPCASES — S104849711 / N/A

Site 4 of 7 in cluster K

OCP Cases:
Facility ID: 93-2315AA2
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

K65 NE 1/4-1/2 2371 Lower — **CROWN STATION**, **245 WEST ST**, **ANNAPOLIS, MD** — Historical UST, Historical LUST — 1000770212 / N/A

Site 5 of 7 in cluster K

UST HISTORICAL:

ENVID:	1000770212		
Facility ID:	3000503	Tank ID:	001
Age:	26	Capacity:	4000
Tank Status:	Currently in use	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000770212		
Facility ID:	3000503	Tank ID:	002
Age:	26	Capacity:	4,000
Tank Status:	Currently in use	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000770212		
Facility ID:	3000503	Tank ID:	003
Age:	26	Capacity:	4,000
Tank Status:	Currently in use	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000770212		
Facility ID:	3000503	Tank ID:	004
Age:	26	Capacity:	4,000
Tank Status:	Currently in use	Product:	Gasoline
Product:	Gasoline		

ENVID:	1000770212		
Facility ID:	3000503	Tank ID:	005
Age:	32	Capacity:	6,000
Tank Status:	Currently in use	Product:	Gasoline
Product:	Gasoline		

CROWN STATION (Continued) **1000770212**

ENVID: 1000770212
Facility ID: 3000503
Age: 32
Tank Status: Currently in use
Product: Gasoline

Tank ID: 006
Capacity: 6000
Product: Gasoline

LUST Historical:
Case Number: 93-2315AA
County: ANNE ARUNDEL
Open/Closed: CLOSED
Recover Type: Monitoring - No active remediation. Sampling of monitoring wells only

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K66 NE 1/4-1/2 2395 Lower

SILVER STAR SERVICE
240 WEST ST #B
ANNAPOLIS, MD 21401

FINDS 1001127403
RCRIS-LQG MDR000012054
Historical LUST

Site 6 of 7 in cluster K

RCRIS:
Owner: HALL JOSEPH
(410) 263-0962
EPA ID: MDR000012054
Contact: JOSEPH HALL
(410) 263-0962
Classification: Large Quantity Generator
Used Oil Recyc: No
TSDF Activities: Not reported
Violation Status: No violations found

FINDS:
Other Pertinent Environmental Activity Identified at Site:
Facility Registry System (FRS)
Resource Conservation and Recovery Act Information system (RCRAINFO)

LUST Historical:
Case Number: 93-2708AA
County: ANNE ARUNDEL
Open/Closed: CLOSED
Recover Type: Monitoring - No active remediation. Sampling of monitoring wells only

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K67 NE 1/4-1/2 2395 Lower

SILVER STAR SERVICE CENTER
240 WEST ST
ANNAPOLIS, MD 21401

OCPCASES S104849732
N/A

Site 7 of 7 in cluster K

OCP Cases:
Facility ID: 93-2708AA2
Cleanup: Not reported
Facility Status: CLOSED
Release: Not reported
Facility Code: Not reported

Map ID / Direction / Distance / Distance (ft.) / Elevation	Site	Database(s)	EDR ID Number / EPA ID Number
M68 NW 1/4-1/2 2471 Higher	**TRINITY CHURCH 1300 WEST ST. ANNAPOLIS, MD 21401**	**OCPCASES**	**S104593735 N/A**

Site 1 of 2 in cluster M

OCP Cases:
- Facility ID: 98-1182AA2
- Cleanup: NO
- Facility Status: CLOSED
- Release: NO
- Facility Code: Tank Removal /Abandonment - Heating Oil

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69 ENE 1/4-1/2 2523 Lower	**ETHEL KOTZIN RESIDENCE 22 STEELE AVE. ANNAPOLIS, MD**	**OCPCASES**	**S104594946 N/A**

OCP Cases:
- Facility ID: 98-2571AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Aboveground Tank Leak

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70 East 1/4-1/2 2523 Lower	**B & B MINI MARKET 11 MONTECELLO AVE ANNAPOLIS, MD 21401**	**OCPCASES**	**S104614883 N/A**

OCP Cases:
- Facility ID: 91-0117AA2
- Cleanup: Not reported
- Facility Status: CLOSED
- Release: Not reported
- Facility Code: Not reported

M71 NW 1/4-1/2 2557 Higher	**PETER NORRIS PROPERTY 15 LOCUST AVE. ANNAPOLIS, MD**	**OCPCASES**	**S104740437 N/A**

Site 2 of 2 in cluster M

OCP Cases:
- Facility ID: 01-0005AA2
- Cleanup: YES
- Facility Status: CLOSED
- Release: YES
- Facility Code: Tank Removal /Abandonment - Heating Oil

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72 NW 1/4-1/2 2569 Higher	**CHARLES CADELL RESIDENCE 17 LOCUST AVE. ANNAPOLIS, MD 21401**	**OCPCASES**	**S104593810 N/A**

OCP Cases:

Map ID Direction Distance Distance (ft.) Elevation	Site	Database(s)	EDR ID Number EPA ID Number
	CHARLES CADELL RESIDENCE (Continued)		**S104593810**
	Facility ID: 98-1266AA2 Cleanup: NO Facility Status: CLOSED Release: NO Facility Code: Tank Removal /Abandonment - Heating Oil		
73 NNW 1/4-1/2 2619 Higher	**SIMON EDWARDS RESIDENCE 31 GLEN AVE. ANNAPOLIS, MD 21401**	**OCPCASES**	**S104604309 N/A**
	OCP Cases: Facility ID: 94-2704AA2 Cleanup: Not reported Facility Status: CLOSED Release: Not reported Facility Code: Not reported		

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
ANNAPOLIS	S104635263	AWALD ROAD LIFT STATION	AWALD ROAD	21401	Historical UST	
ANNAPOLIS	U003754600	AWALD ROAD LIFT STATION	AWALD ROAD	21403	UST	9185
ANNAPOLIS	U003754601	BYWATER ROAD LIFT STATION	BYWATER ROAD	21401	UST	9186
ANNAPOLIS	S104635264	BYWATER ROAD LIFT STATION	BYWATER RD. NEAR BELLE DR.	21401	Historical UST	
ANNAPOLIS	S103287162	ANNAPOLIS PLANT	CALVERT / ST JOHN STS	21401	SHWS	(MD-141)
ANNAPOLIS	S104635077	BATES JUNIOR HIGH SCHOOL	701 CHASE AVE. AT SMITH	21401	Historical UST	
ANNAPOLIS	1004719293	EXXON RAS 26266	DEFENSE HWY	21401	RCRIS-SQG	
ANNAPOLIS	S104635069	EISENHOWER GOLF COURSE	GENERALS HWY.	21401	Historical UST	
ANNAPOLIS	S104635148	KEY SCHOOL, INC. THE	534 HILLSMERE DR. (SMITH HOUSE	21403	Historical UST	
ANNAPOLIS	S104617461	JENNIFER ROAD DETENTION CTR.	JENNIFER RD.	21401	OCPCASES	
ANNAPOLIS	U003754606	PORTER ROAD LIFT STATION	PORTER ROAD	21401	UST	9191
ANNAPOLIS	S104635270	PORTER ROAD LIFT STATION	PORTER ROAD	21401	Historical UST	
ANNAPOLIS	S104629026	EXXON STATION #2-5094	317 REVEL HWY.	21401	Historical UST	
ANNAPOLIS	S104628923	ST. MARGARET'S CO GLC 35035	REVELL HIGHWAY	21401	Historical UST	
ANNAPOLIS	S104629053	SANDY POINT STATE PARK	800 REVELL HWY	21401	Historical UST	
ANNAPOLIS	U003753791	ST. MARGARET'S CO. GLC-35035	REVELL HIGHWAY	21401	UST	7378
ANNAPOLIS	U003754025	WILLIAM PRESTON LANE JR. MEMORIAL	U.S. ROUTE 50/301 @ SANDY POIN	21401	UST	8084
ANNAPOLIS	S104629112	SANDY POINT REPEATER 35028	SANDY POINT PARK/REVELL HWY.	21401	Historical UST	
ANNAPOLIS	S104616422	AA COUNTY PUBLIC WORKS OLD BATES	SMITHVILLE STREET	21401	OCPCASES	
ANNAPOLIS	1000441588	MARYLAND ENVIRONMENTAL SERVICE	STATE OFFICE BUILDING	21401	RCRIS-SQG, FINDS	
ANNAPOLIS	U003754605	SUMNER ROAD LIFT STATION	SUMNER ROAD	21401	UST	9190
ANNE ARUNDEL	S104635269	SUMNER ROAD LIFT STATION	SUMNER ROAD	21401	Historical UST	
SANDY POINT	S104628912	PAROLE ESS. 35063	RTE. 450 (W. OF RTE. 178)	21401	Historical UST	
	1000283916	WILLIAM PRESTON LANE JR MEMORIAL B	RT 50 301	21401	RCRIS-SQG, FINDS	

EPA Waste Codes Addendum

Code	Description
D001	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
D002	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
D003	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BY WASTE GUNPOWDER.
D005	BARIUM
D006	CADMIUM
D007	CHROMIUM
D008	LEAD
D009	MERCURY
D011	SILVER
P022	CARBON DISULFIDE
U002	ACETONE (I)
U002	2-PROPANONE (I)
U044	CHLOROFORM
U044	METHANE, TRICHLORO-
U135	HYDROGEN SULFIDE
U135	HYDROGEN SULFIDE H2S
U144	ACETIC ACID, LEAD(2+) SALT
U144	LEAD ACETATE

EPA Waste Codes Addendum

Code	Description
U154	METHANOL (I)
U154	METHYL ALCOHOL (I)
U165	NAPHTHALENE
U188	PHENOL
U211	CARBON TETRACHLORIDE
U211	METHANE, TETRACHLORO-
U218	ETHANETHIOAMIDE
U218	THIOACETAMIDE
U239	BENZENE, DIMETHYL- (I,T)
U239	XYLENE (I)

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List
Source: EPA
Telephone: N/A
National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/29/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 02/04/02

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 6
Telephone: 214-655-6659

EPA Region 8
Telephone: 303-312-6774

Proposed NPL: Proposed National Priority List Sites
Source: EPA
Telephone: N/A

Date of Government Version: 01/17/02
Date Made Active at EDR: 02/25/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 21
Date of Last EDR Contact: 02/04/02

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System
Source: EPA
Telephone: 703-413-0223
CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/21/01
Date Made Active at EDR: 02/04/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01
Elapsed ASTM days: 40
Date of Last EDR Contact: 03/25/02

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned
Source: EPA
Telephone: 703-413-0223
As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 11/21/01
Date Made Active at EDR: 02/04/02
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/26/01
Elapsed ASTM days: 40
Date of Last EDR Contact: 03/25/02

CORRACTS: Corrective Action Report
Source: EPA
Telephone: 800-424-9346
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 11/14/01
Date Made Active at EDR: 01/14/02
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 11/14/01
Elapsed ASTM days: 61
Date of Last EDR Contact: 03/11/02

RCRIS: Resource Conservation and Recovery Information System
Source: EPA/NTIS
Telephone: 800-424-9346
Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 12/01/01
Date Made Active at EDR: 04/08/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/04/02
Elapsed ASTM days: 63
Date of Last EDR Contact: 03/04/02

ERNS: Emergency Response Notification System
Source: EPA/NTIS
Telephone: 202-260-2342
Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 08/08/00
Date Made Active at EDR: 09/06/00
Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/11/00
Elapsed ASTM days: 26
Date of Last EDR Contact: 02/01/02

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System
Source: EPA/NTIS
Telephone: 800-424-9346
The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/99
Database Release Frequency: Biennially

Date of Last EDR Contact: 03/18/02
Date of Next Scheduled EDR Contact: 06/17/02

CONSENT: Superfund (CERCLA) Consent Decrees
Source: EPA Regional Offices
Telephone: Varies
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: N/A
Database Release Frequency: Varies

Date of Last EDR Contact: N/A
Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision
Source: NTIS
Telephone: 703-416-0223
Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 09/30/00
Database Release Frequency: Annually

Date of Last EDR Contact: 04/09/02
Date of Next Scheduled EDR Contact: 07/08/02

DELISTED NPL: National Priority List Deletions
Source: EPA
Telephone: N/A
The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 01/29/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/04/02
Date of Next Scheduled EDR Contact: 05/06/02

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report
Source: EPA
Telephone: N/A
Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/29/01
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

HMIRS: Hazardous Materials Information Reporting System
Source: U.S. Department of Transportation
Telephone: 202-366-4526
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/30/01
Database Release Frequency: Annually

Date of Last EDR Contact: 04/22/02
Date of Next Scheduled EDR Contact: 07/22/02

MLTS: Material Licensing Tracking System
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 02/14/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 04/08/02
Date of Next Scheduled EDR Contact: 07/08/02

MINES: Mines Master Index File
Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 12/14/01
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 04/01/02
Date of Next Scheduled EDR Contact: 07/01/02

NPL LIENS: Federal Superfund Liens
Source: EPA
Telephone: 205-564-4267
Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 02/26/02
Date of Next Scheduled EDR Contact: 05/27/02

PADS: PCB Activity Database System
Source: EPA
Telephone: 202-260-3936
PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 12/01/01
Database Release Frequency: Annually
Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

RAATS: RCRA Administrative Action Tracking System
Source: EPA
Telephone: 202-564-4104
RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

TRIS: Toxic Chemical Release Inventory System
Source: EPA
Telephone: 202-260-1531
Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/99
Database Release Frequency: Annually
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

TSCA: Toxic Substances Control Act
Source: EPA
Telephone: 202-260-5521
Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/98
Database Release Frequency: Every 4 Years
Date of Last EDR Contact: 03/11/02
Date of Next Scheduled EDR Contact: 06/10/02

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-564-2501
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
Source: EPA
Telephone: 202-564-2501

Date of Government Version: 01/14/02
Database Release Frequency: Quarterly
Date of Last EDR Contact: 03/25/02
Date of Next Scheduled EDR Contact: 06/24/02

STATE OF MARYLAND ASTM STANDARD RECORDS

SHWS: Notice of Potential Hazardous Waste Sites
Source: Department of the Environment
Telephone: 410-631-3440
State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/01/01
Date Made Active at EDR: 10/12/01
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 09/17/01
Elapsed ASTM days: 25
Date of Last EDR Contact: 03/12/02

SWF/LF: Permitted Solid Waste Disposal Facilities
Source: Department of the Environment
Telephone: 410-631-3375
Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 01/02/02
Date Made Active at EDR: 02/18/02
Database Release Frequency: Annually
Date of Data Arrival at EDR: 01/25/02
Elapsed ASTM days: 24
Date of Last EDR Contact: 01/22/02

UST: Registered Underground Storage Tank List
Source: Department of the Environment
Telephone: 410-631-3433
Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 02/20/02
Date Made Active at EDR: 03/19/02
Database Release Frequency: Varies
Date of Data Arrival at EDR: 02/25/02
Elapsed ASTM days: 22
Date of Last EDR Contact: 02/12/02

OCPCASES: Oil Control Program Cases
Source: Department of Environment
Telephone: 410-631-3426
Cases monitored by the Oil Control Program. these cases can be leaking underground storage tanks and other bellowground releases, leaking aboveground storage tanks, spills and inspections.

Date of Government Version: 01/02/02
Date Made Active at EDR: 02/12/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 01/24/02
Elapsed ASTM days: 19
Date of Last EDR Contact: 04/22/02

VCP: Voluntary Cleanup Program Applicants/Participants
Source: Dept. of the Environment
Telephone: 410-631-3493
The Voluntary Cleanup Program, administrated by the Dept. of the Environment, streamlines the environmental cleanup process for sites, usually industrial or commercial properties, that are contaminated, or perceived to be contaminated, by hazardous substances. Developers and lenders are provided with certain limitations on liability and participants in the program are provided certainty in the process by knowing exactly what will be required.

Date of Government Version: 01/28/02
Date Made Active at EDR: 02/18/02
Database Release Frequency: Semi-Annually
Date of Data Arrival at EDR: 01/30/02
Elapsed ASTM days: 19
Date of Last EDR Contact: 04/19/02

SWRCY: Recycling Directory
Source: Department of the Environment
Telephone: 410-631-3314
A listing of recycling facilities.

Date of Government Version: 01/05/02
Date Made Active at EDR: 03/20/02
Database Release Frequency: Varies

Date of Data Arrival at EDR: 02/21/02
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/21/02

STATE OF MARYLAND ASTM SUPPLEMENTAL RECORDS

Historical LUST: Recovery Sites
Source: Department of the Environment
Telephone: 410-631-3433
In 1999, the Department of the Environment stopped adding new sites to its Recovery Sites Database. Current leaking underground storage tank information maybe found in the OCPCASES database.

Date of Government Version: 03/01/99
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 02/19/01
Date of Next Scheduled EDR Contact: N/A

AST: Permitted Aboveground Storage Tanks
Source: Department of The Environment
Telephone: 410-631-3386
Registered Aboveground Storage Tanks.

Date of Government Version: 02/01/02
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/12/02
Date of Next Scheduled EDR Contact: 05/13/02

Historical UST: Historical UST Registered Database
Source: Department of Environmental
Telephone: 410-631-3433

Date of Government Version: 11/21/96
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 05/15/00
Date of Next Scheduled EDR Contact: N/A

EDR PROPRIETARY HISTORICAL DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

Disclaimer Provided by Real Property Scan, Inc.

The information contained in this report has predominantly been obtained from publicly available sources produced by entities other than Real Property Scan. While reasonable steps have been taken to insure the accuracy of this report, Real Property Scan does not guarantee the accuracy of this report. Any liability on the part of Real Property Scan is strictly limited to a refund of the amount paid. No claim is made for the actual existence of toxins at any site. This report does not constitute a legal opinion.

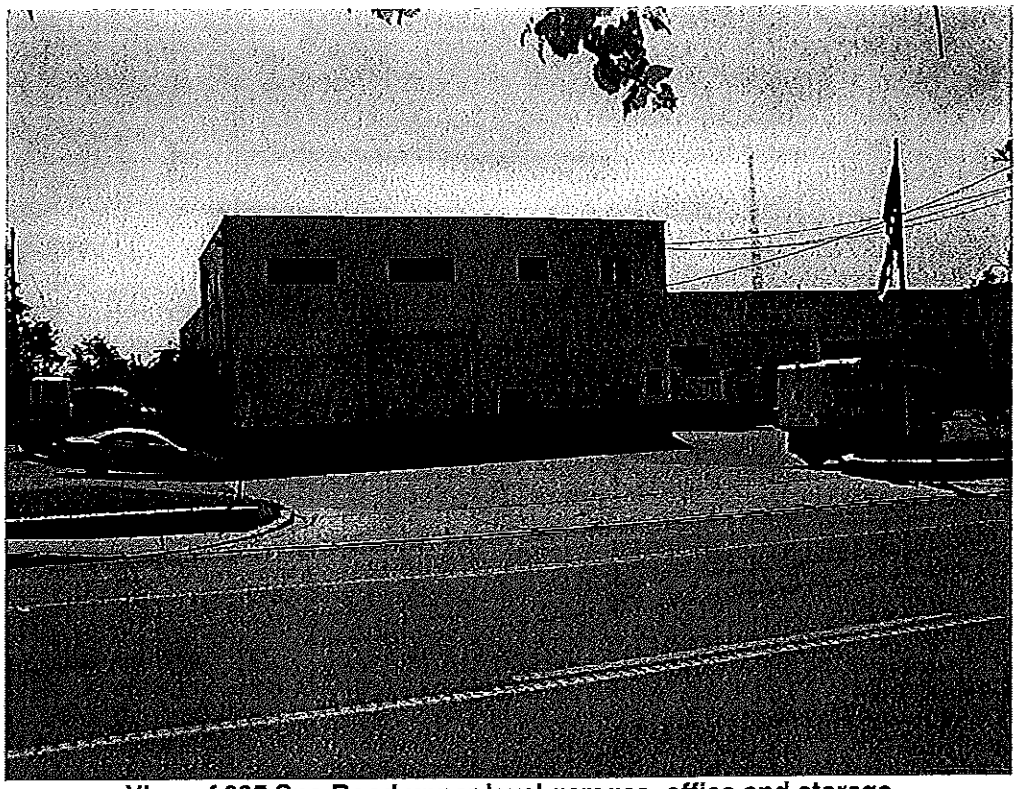
OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

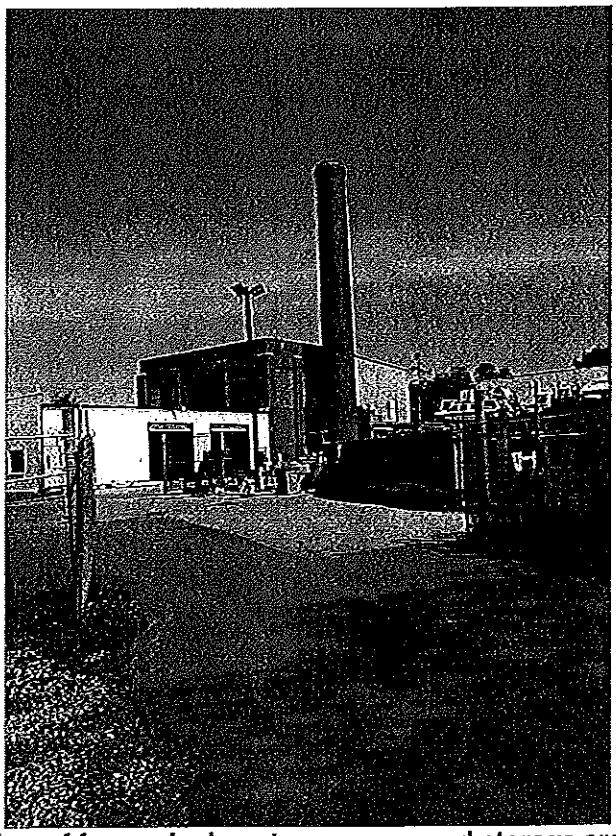
Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 1999 from the U.S. Fish and Wildlife Service.

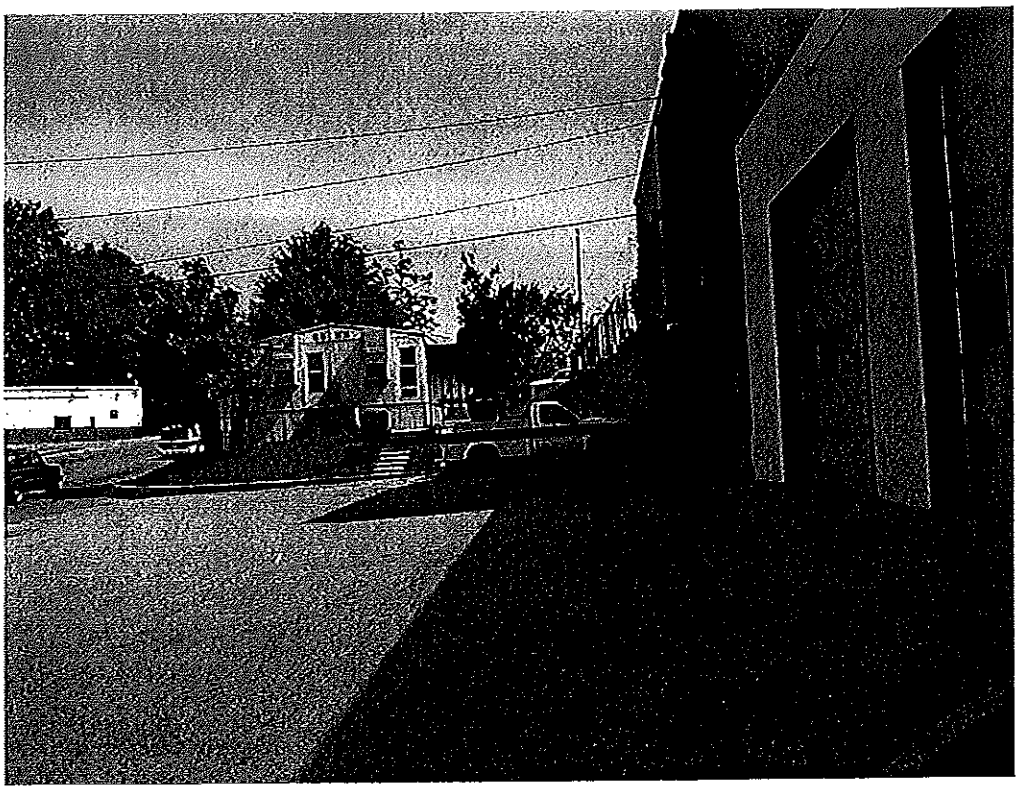
APPENDIX B
Photographs



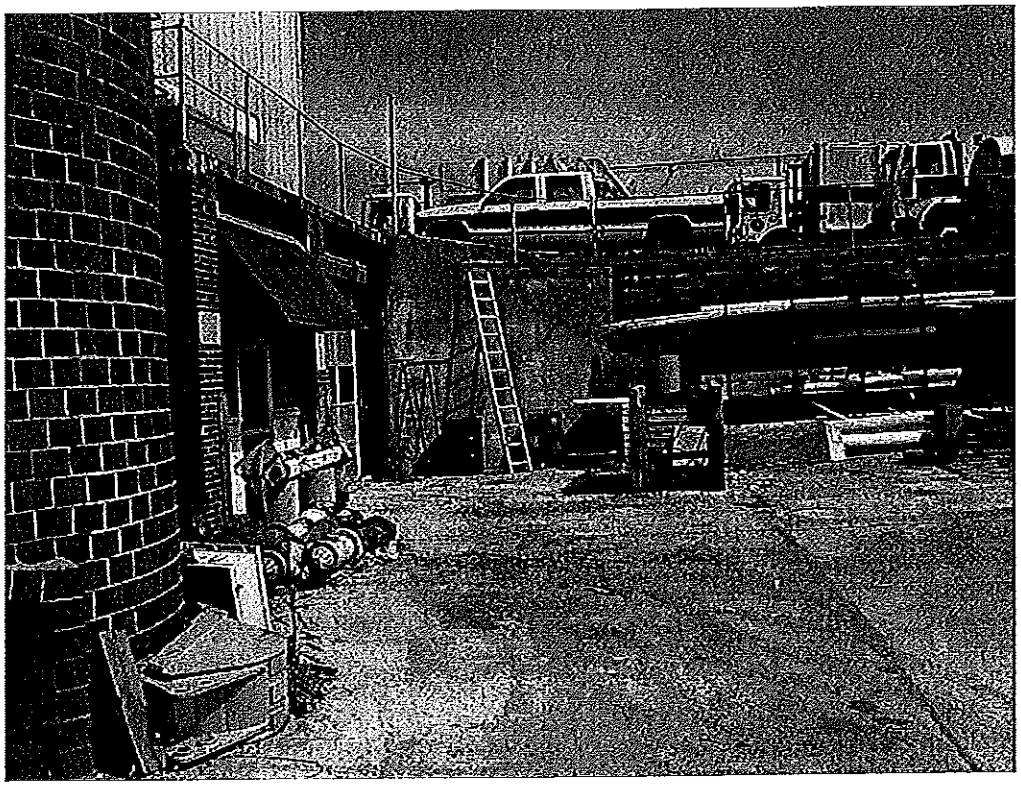
View of 935 Spa Road upper level garages, office and storage



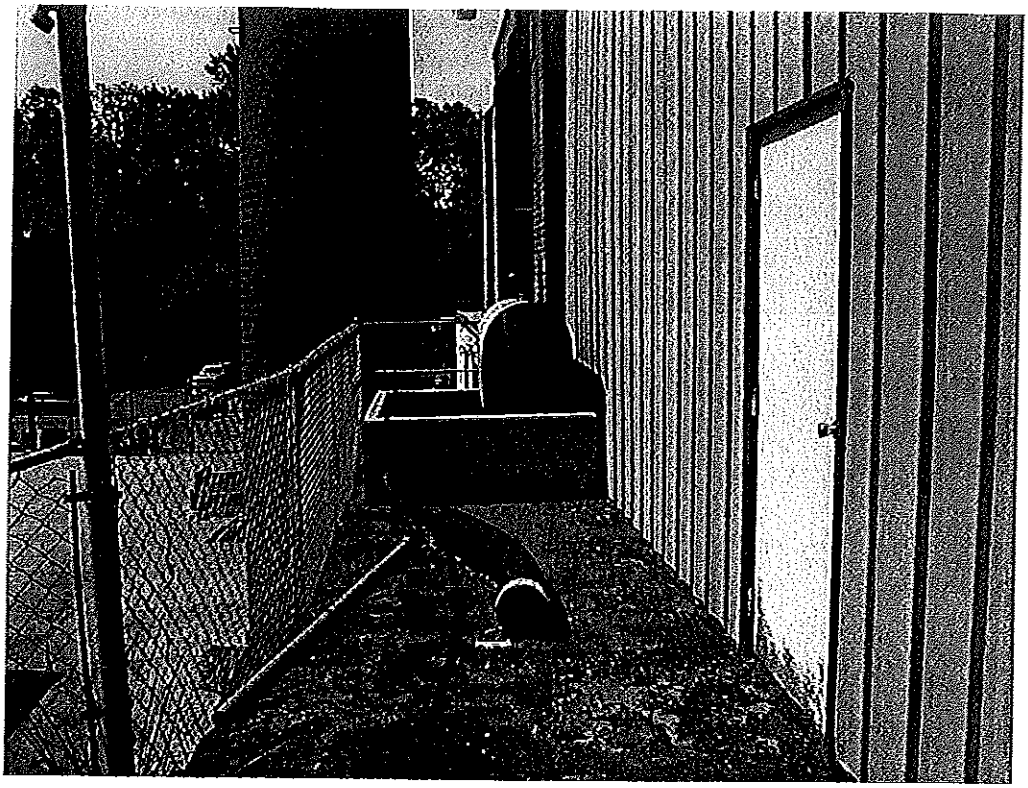
View of former incinerator, garages and storage area



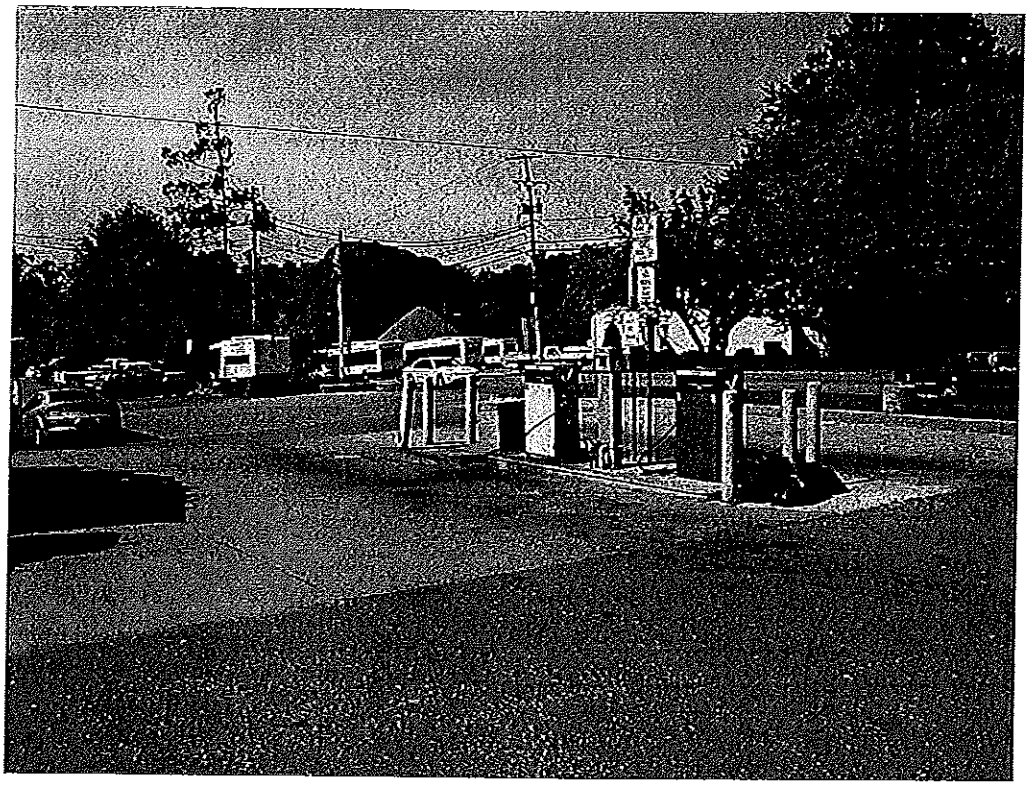
View of lower level garages, former incinerator building and office trailer



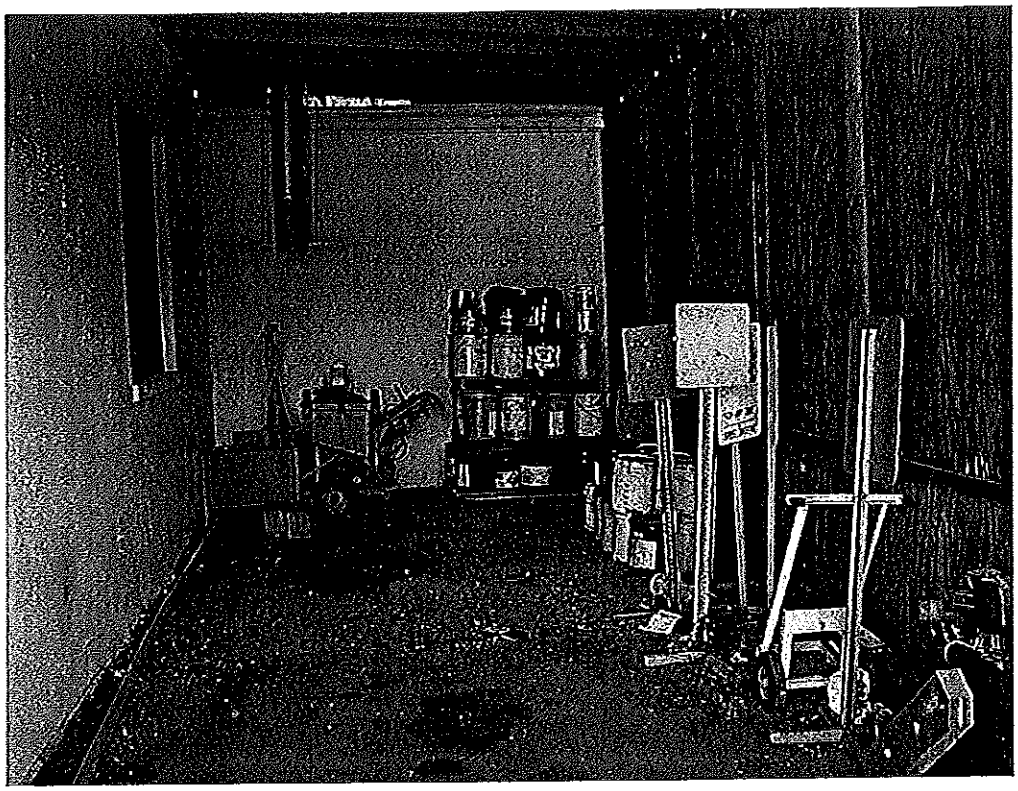
View of former incinerator building and storage area



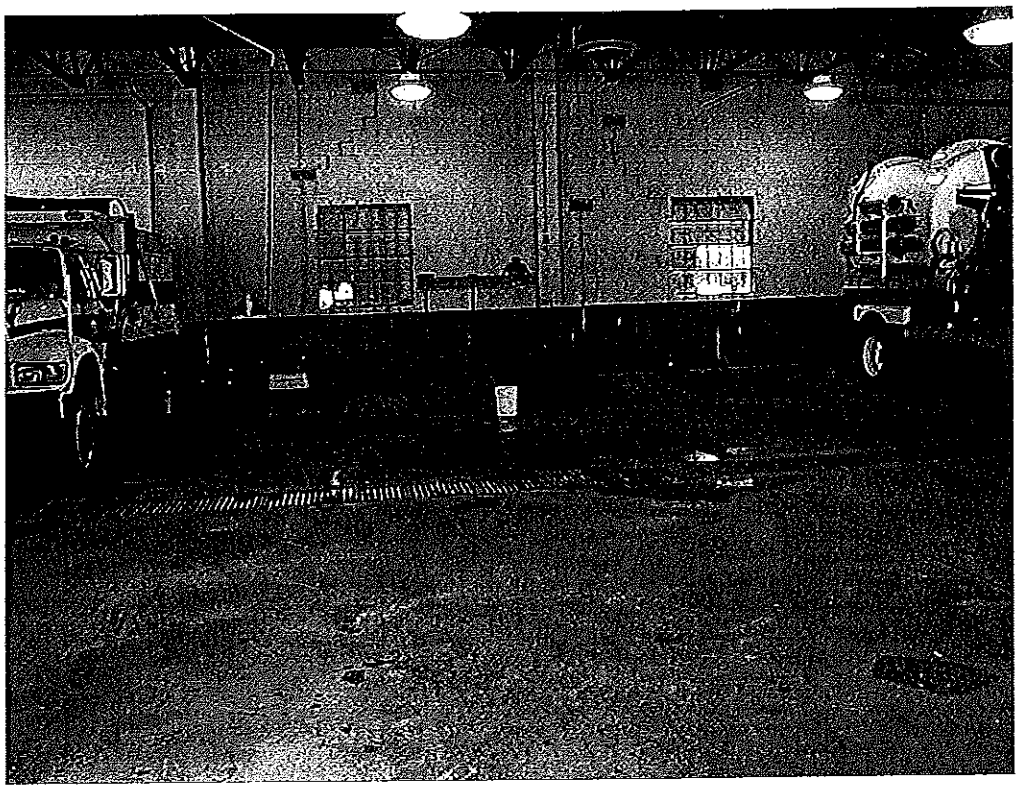
View of heating oil aboveground storage tank and former incinerator stack



View of fuel dispensers and underground storage tanks

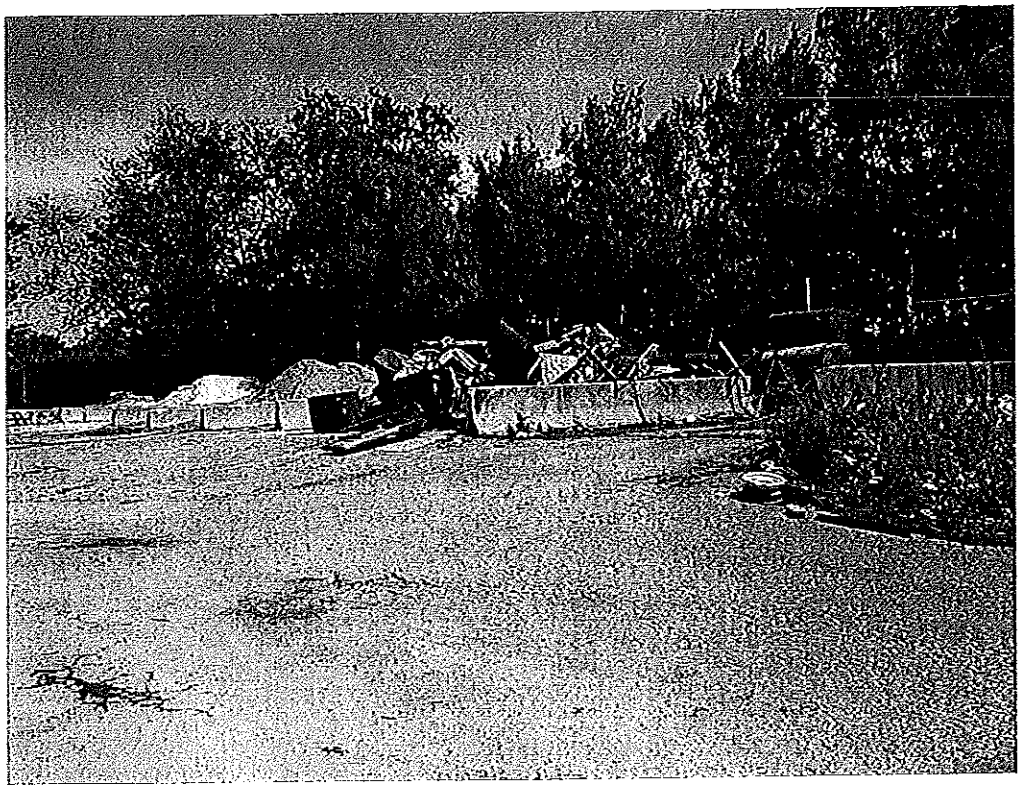


Paint storage area to rear of upper level garages

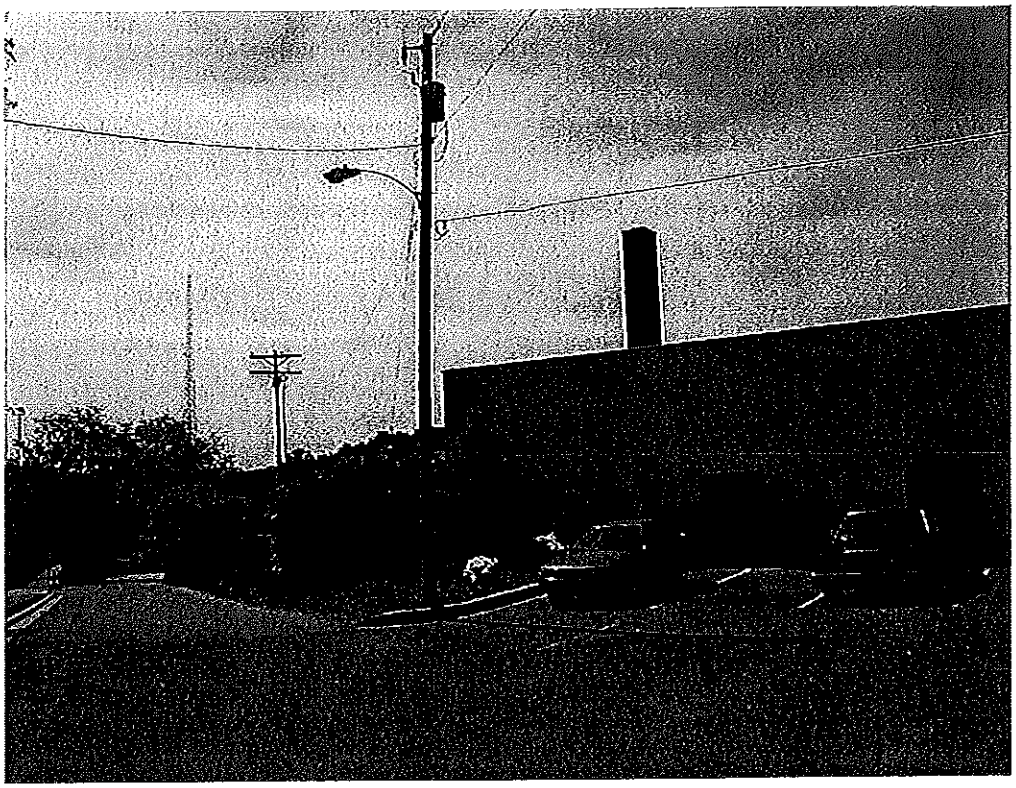


Interior view of upper level garages and apron drain

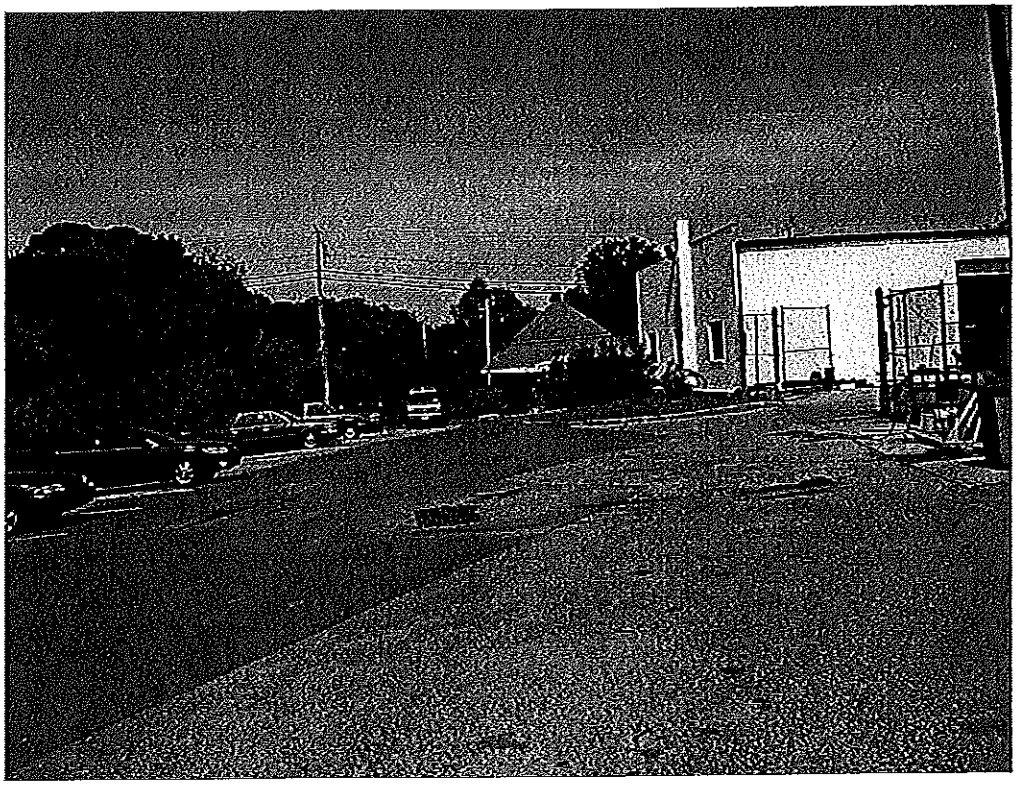
Access road to rear storage area



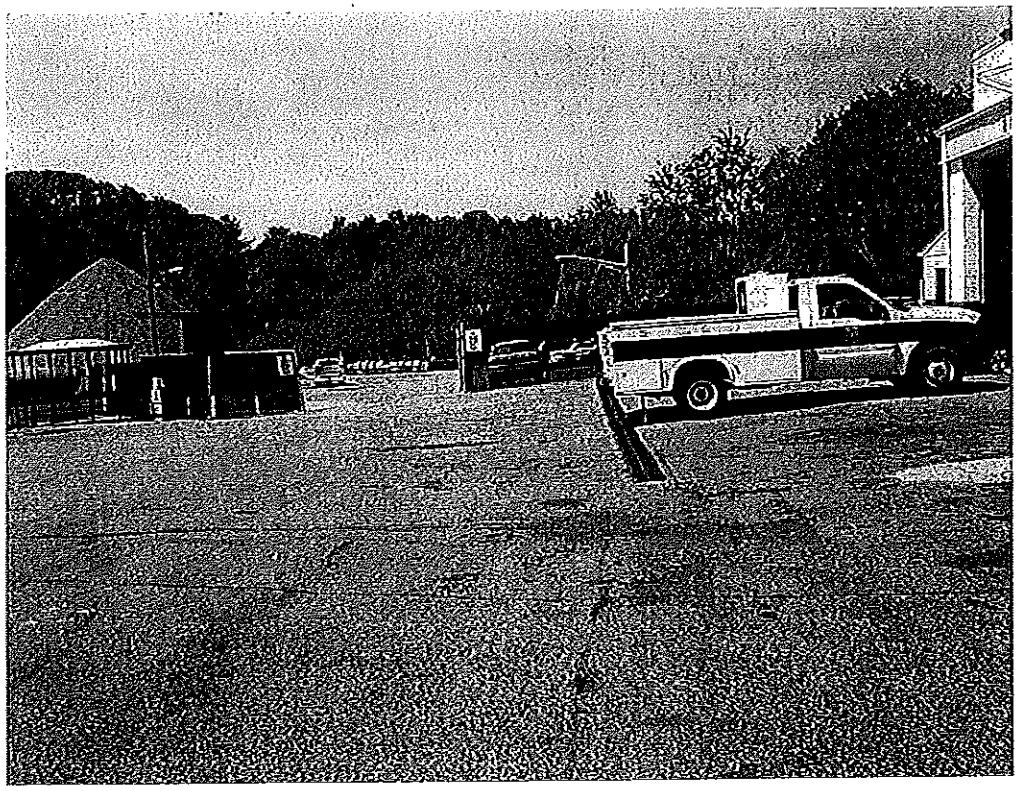
Rear material and scrap storage area



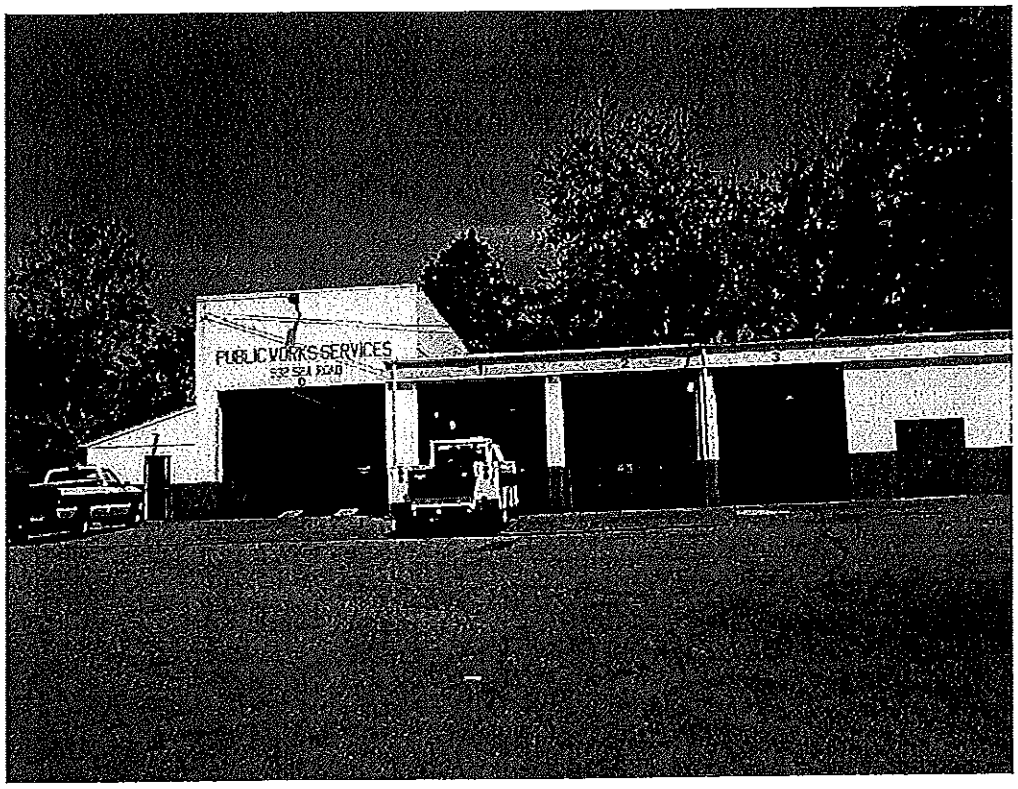
Side view of upper garages and access road to athletic fields



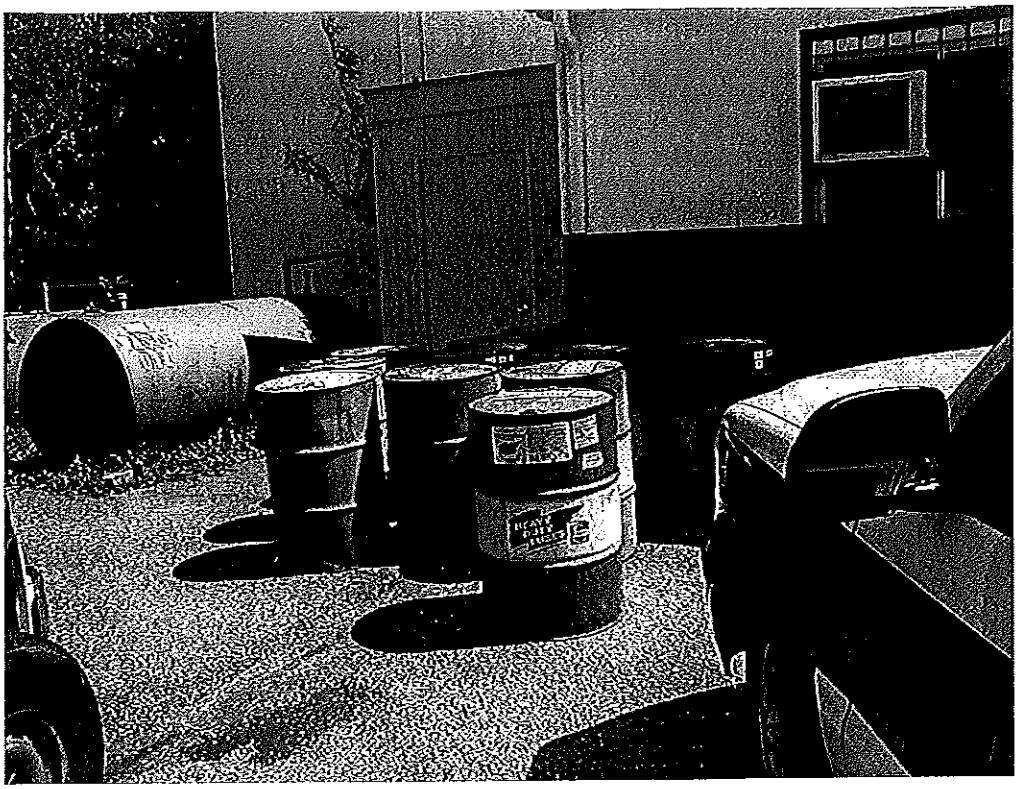
View of lower level garage, parking area and storm drain



View of 932 Spa Road garages, apron drain, bus stop and salt dome



View of 932 Spa Road garages



Drums and aboveground storage tanks at 932 Spa Road

View to Spa Creek at lower portion of 932 Spa Road parcel

APPENDIX C

Analytical Laboratory Report

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143510
Sample ID: SB-3
Project: #535-001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Benzene	ND	mg/kg	0.0020	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Bromobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Bromoform	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Bromomethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
2-Butanone	ND	mg/kg	0.0500	1	9/ 5/02	23:50	CHollingsw	8260B	5169
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Chloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Chloroform	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Chloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Dibromomethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143510
Sample ID: SB-3
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143510
Sample ID: SB-3
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 11:15
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:44	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143509
Sample ID: SB-2
Project: #535-001
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Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	94.	62. - 155.
VOA Surr, DBFM	76.	74. - 127.
BNA Surr-Nitrobenzene-d5	72.	34. - 105.
BNA Surr-2-Fluorobiphenyl	72.	36. - 100.
BNA Surr-Terphenyl-d14	84.	45. - 108.
BNA Surr-Phenol-d5	82.	40. - 108.
BNA Surr-2-Fluorophenol	74.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	101.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143509
Sample ID: SB-2
Project: #535-001
Page 5

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
METALS									
Antimony	ND	mg/kg	9.71	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	11.7	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	35.0	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	2.72	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	5.83	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	ND	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	3.11	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.94	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	13.2	mg/kg	9.71	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.3 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	68.	56. - 155.
VOA Surr Toluene-d8	85.	79. - 130.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143509
Sample ID: SB-2
Project: #535-001
Page 4

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
2-Hexanone	ND	mg/kg	0.0100	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Methylene chloride	ND	mg/kg	0.00500	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Naphthalene	ND	mg/kg	0.00500	1	9/ 5/02	23:16	CHollingsw	8260B	5169
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Styrene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Toluene	ND	mg/kg	0.0020	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Trichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143509
Sample ID: SB-2
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Benzene	ND	mg/kg	0.0020	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Bromobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Bromoform	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Bromomethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
2-Butanone	ND	mg/kg	0.0500	1	9/ 5/02	23:16	CHollingsw	8260B	5169
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Chloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Chloroform	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Chloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Dibromomethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:16	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143509
Sample ID: SB-2
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143509
Sample ID: SB-2
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 10:40
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	16:03	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143508
Sample ID: SB-1
Project: #535-001
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Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	93.	62. - 155.
VOA Surr, DBFM	76.	74. - 127.
BNA Surr-Nitrobenzene-d5	78.	34. - 105.
BNA Surr-2-Fluorobiphenyl	75.	36. - 100.
BNA Surr-Terphenyl-d14	87.	45. - 108.
BNA Surr-Phenol-d5	89.	40. - 108.
BNA Surr-2-Fluorophenol	84.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	106.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143508
Sample ID: SB-1
Project: #535-001
Page 5

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
METALS									
Antimony	ND	mg/kg	9.71	1	9/ 6/02	15:35	G.McCord	6010B	3945
Arsenic	9.90	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Beryllium	ND	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Cadmium	1.94	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Chromium	85.4	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Copper	ND	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Lead	5.24	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Mercury	ND	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	6.99	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Selenium	ND	mg/kg	1.94	1	9/ 6/02	15:35	G.McCord	6010B	3945
Silver	ND	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Thallium	ND	mg/kg	0.97	1	9/ 6/02	15:35	G.McCord	6010B	3945
Zinc	41.0	mg/kg	9.71	1	9/ 6/02	15:35	G.McCord	6010B	3945

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.2 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	65.	56. - 155.
VOA Surr Toluene-d8	84.	79. - 130.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143508
Sample ID: SB-1
Project: #535-001
Page 4

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
2-Hexanone	ND	mg/kg	0.0100	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Methylene chloride	ND	mg/kg	0.00500	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Naphthalene	ND	mg/kg	0.00500	1	9/ 5/02	22:41	CHollingsw	8260B	5169
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Styrene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Toluene	ND	mg/kg	0.0020	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Trichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143508
Sample ID: SB-1
Project: #535-001
Page 3

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Benzene	ND	mg/kg	0.0020	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Bromobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Bromoform	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Bromomethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
2-Butanone	ND	mg/kg	0.0500	1	9/ 5/02	22:41	CHollingsw	8260B	5169
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Chloroethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Chloroform	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Chloromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Dibromomethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	22:41	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143508
Sample ID: SB-1
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143508
Sample ID: SB-1
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 9:25
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	15:23	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Fax: 615-726-3404

To assist us in using the proper analytical methods, is this work being conducted for regulatory purposes?
Compliance Monitoring: No

299353

Client Name: Quality Env. Soln's Client #: 9151
Address: 2521 River Road, L3
City/State/Zip Code: Annapolis, MD 21401
Project Manager: Don Jones
Telephone Number: 410-841-5552 Fax: 410-266-5588
Sampler Name: (Print Name) Sal Padgett
Sampler Signature:

Project Name: SPA Road
Project #: 535-001
Site/Location ID: Annapolis State: MD
Report To: Don Jones
Invoice To: Don Jones
Quote #: 082802BCS299 PO#:

TAT: X Standard; ___ Rush (surcharges may apply)
Date Needed:
Fax Results: Y N (E-MAIL)

QC Deliverables: ___ None; X Level 2 (Batch QC); ___ Level 3; ___ Level 4; Other:

SAMPLE ID	Date Sampled	Time Sampled	G = Grab, C = Composite	Field Filtered	Matrix (SL - Sludge, DW - Drinking Water, GW - Groundwater, S - Soil/Solid, WW - Wastewater, Specify Other)	Preservation & # of Containers: HNO_3	HCl	NaOH	H_2SO_4	Methanol	None	Other (Specify)	Analyze For: VOA's 8260	BNA's 8270	PP Metals 6010/7471							REMARKS
SB-1	8/29/02	0925	G		S						X		X	X	X						143	508
SB-2		1040																				509
SB-3		1115																				510
SB-4		1145																				511
SB-5		1230																				512
SB-6		1315																				513
SB-7		1400																				514
SB-8		1430																				515
SB-9		1500																				516
SB-10		1530																			143	517

Special Instructions:

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
			[signature]	8/31/02	900
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

LABORATORY COMMENTS:
Init Lab Temp:
Rec Lab Temp: 3°C
Custody Seals: Y N N/A
Bottles Supplied by Test America: Y N
Method of Shipment:

TestAmerica
INCORPORATED

9/11/02

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project #535-001 SPA ROAD. The Laboratory Project number is 299353. An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report.

Sample Identification	Lab Number	Collection Date
SB-1	02-A143508	8/29/02
SB-2	02-A143509	8/29/02
SB-3	02-A143510	8/29/02
SB-4	02-A143511	8/29/02
SB-5	02-A143512	8/29/02
SB-6	02-A143513	8/29/02
SB-7	02-A143514	8/29/02
SB-8	02-A143515	8/29/02
SB-9	02-A143516	8/29/02
SB-10	02-A143517	8/29/02

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Gail A. Lage

Report Date: 9/11/02

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services

Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

TESTAMERICA,INC.-NASHVILLE

COOLER RECEIPT FORM

Client: Quality Env. Solutions BC# 299353

Cooler Received On: 8/31/02 And Opened On: 8/31/02 By: James Jacobs

(Signature)

1. Temperature of Cooler when opened 3 Degrees Celsius
2. Were custody seals on outside of cooler?.....YES...NO
   a. If yes, how many, what kind and where: 2 Tape Front
3. Were custody seals on containers and intact?.....NO...YES
4. Were the seals intact, signed, and dated correctly?.....YES...NO
5. Were custody papers inside cooler?.....YES...NO
6. Were custody papers properly filled out (ink,signed,etc)?.....YES...NO
7. Did you sign the custody papers in the appropriate place?.....YES...NO
8. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
9. Was sufficient ice used (if appropriate)?.....YES...NO
10. Did all bottles arrive in good condition(unbroken)?.....YES...NO
11. Were all bottle labels complete (#,date,signed,pres,etc)?.....YES...NO
12. Did all bottle labels and tags agree with custody papers?.....YES...NO
13. Were correct bottles used for the analysis requested?.....YES...NO
14. a. Were VOA vials received?.....YES...NO
    b. Was there any observable head space present in any VOA vial?.....~~NO...YES~~
15. Was sufficient amount of sample sent in each bottle?.....YES...NO
16. Were correct preservatives used?.....~~YES...NO~~
17. Was residual chlorine present?.....~~NO...YES~~
18. Corrective action taken, if necessary:

    See attached for resolution

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143510
Sample ID: SB-3
Project: #535-001
Page 4

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
2-Hexanone	ND	mg/kg	0.0100	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Methylene chloride	ND	mg/kg	0.00500	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Naphthalene	ND	mg/kg	0.00500	1	9/ 5/02	23:50	CHollingsw	8260B	5169
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Styrene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Toluene	ND	mg/kg	0.0020	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Trichloroethene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 5/02	23:50	CHollingsw	8260B	5169
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143510
Sample ID: SB-3
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 5/02	23:50	CHollingsw	8260B	5169
METALS									
Antimony	ND	mg/kg	9.69	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	23.1	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	1.16	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	40.9	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	2.33	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	3.29	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	ND	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.94	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	13.6	mg/kg	9.69	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	70.	56. - 155.
VOA Surr Toluene-d8	84.	79. - 130.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143510
Sample ID: SB-3
Project: #535-001
Page 6

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	92.	62. - 155.
VOA Surr, DBFM	77.	74. - 127.
BNA Surr-Nitrobenzene-d5	50.	34. - 105.
BNA Surr-2-Fluorobiphenyl	51.	36. - 100.
BNA Surr-Terphenyl-d14	80.	45. - 108.
BNA Surr-Phenol-d5	60.	40. - 108.
BNA Surr-2-Fluorophenol	53.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	89.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143511
Sample ID: SB-4
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 11:45
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143511
Sample ID: SB-4
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143511
Sample ID: SB-4
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:08	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Benzene	0.0204	mg/kg	0.0020	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	0:25	CHollingsw	8260B	5169
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Chloromethane	0.0113	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143511
Sample ID: SB-4
Project: #535-001
Page 4

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Naphthalene	ND	mg/kg	0.00500	1	9/ 6/02	0:25	CHollingsw	8260B	5169
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Tetrachloroethene	0.0251	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Toluene	0.0050	mg/kg	0.0020	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	0:25	CHollingsw	8260B	5169
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143511
Sample ID: SB-4
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	0:25	CHollingsw	8260B	5169
METALS									
Antimony	ND	mg/kg	9.62	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	19.6	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	5.38	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	34.4	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	308.	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	935.	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	1.46	mg/kg	0.50	5	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	23.8	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.92	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	1.15	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	1420	mg/kg	9.62	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	73.	56. - 155.
VOA Surr Toluene-d8	82.	79. - 130.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143511
Sample ID: SB-4
Project: #535-001

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	110.	62. - 155.
VOA Surr, DBFM	80.	74. - 127.
BNA Surr-Nitrobenzene-d5	77.	34. - 105.
BNA Surr-2-Fluorobiphenyl	74.	36. - 100.
BNA Surr-Terphenyl-d14	80.	45. - 108.
BNA Surr-Phenol-d5	84.	40. - 108.
BNA Surr-2-Fluorophenol	78.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	96.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143512
Sample ID: SB-5
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 12:30
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143514
Sample ID: SB-7
Project: #535-001
Page 4

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Naphthalene	ND	mg/kg	0.00500	1	9/ 6/02	7:56	CHollingsw	8260B	5174
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Toluene	ND	mg/kg	0.0020	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143514
Sample ID: SB-7
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
METALS									
Antimony	ND	mg/kg	9.67	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	5.61	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	30.4	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	3.48	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	ND	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.93	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	26.9	mg/kg	9.67	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	104.	56. - 155.
VOA Surr Toluene-d8	86.	79. - 130.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143514
Sample ID: SB-7
Project: #535-001
Page 6

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	106.	62. - 155.
VOA Surr, DBFM	91.	74. - 127.
BNA Surr-Nitrobenzene-d5	73.	34. - 105.
BNA Surr-2-Fluorobiphenyl	70.	36. - 100.
BNA Surr-Terphenyl-d14	86.	45. - 108.
BNA Surr-Phenol-d5	87.	40. - 108.
BNA Surr-2-Fluorophenol	79.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	105.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

2960 Foster Creighton Drive / Nashville,TN 37204 / 615-726-0177 / Fax: 615-726-0954 / 800-765-0980

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143512
Sample ID: SB-5
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143512
Sample ID: SB-5
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	20:47	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	0.0972	mg/kg	0.0500	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Benzene	0.0027	mg/kg	0.0020	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	6:46	CHollingsw	8260B	5174
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Carbon disulfide	0.00270	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143512
Sample ID: SB-5
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Naphthalene	ND	mg/kg	0.00500	1	9/ 6/02	6:46	CHollingsw	8260B	5174
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Tetrachloroethene	0.0134	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Toluene	ND	mg/kg	0.0020	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	6:46	CHollingsw	8260B	5174
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143512
Sample ID: SB-5
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	6:46	CHollingsw	8260B	5174
METALS									
Antimony	ND	mg/kg	9.71	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	24.7	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	6.21	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	36.9	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	1040	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	1170	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	0.38	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	173.	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.94	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	1730	mg/kg	9.71	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.0 gm	1.0 ml	9/ 5/02		M. Lax	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	96.	56. - 155.
VOA Surr Toluene-d8	87.	79. - 130.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143512
Sample ID: SB-5
Project: #535-001

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	114.	62. - 155.
VOA Surr, DBFM	88.	74. - 127.
BNA Surr-Nitrobenzene-d5	71.	34. - 105.
BNA Surr-2-Fluorobiphenyl	70.	36. - 100.
BNA Surr-Terphenyl-d14	78.	45. - 108.
BNA Surr-Phenol-d5	82.	40. - 108.
BNA Surr-2-Fluorophenol	75.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	95.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143513
Sample ID: SB-6
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 13:15
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143513
Sample ID: SB-6
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143513
Sample ID: SB-6
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	17:24	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Benzene	ND	mg/kg	0.0020	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	7:21	CHollingsw	8260B	5174
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143513
Sample ID: SB-6
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Naphthalene	ND	mg/kg	0.00500	1	9/ 6/02	7:21	CHollingsw	8260B	5174
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Toluene	ND	mg/kg	0.0020	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	7:21	CHollingsw	8260B	5174
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	7:21	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143513
Sample ID: SB-6
Project: #535-001
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Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	106.	62. - 155.
VOA Surr, DBFM	89.	74. - 127.
BNA Surr-Nitrobenzene-d5	77.	34. - 105.
BNA Surr-2-Fluorobiphenyl	75.	36. - 100.
BNA Surr-Terphenyl-d14	86.	45. - 108.
BNA Surr-Phenol-d5	89.	40. - 108.
BNA Surr-2-Fluorophenol	84.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	103.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143514
Sample ID: SB-7
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 14:00
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 02-A143514
Sample ID: SB-7
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143514
Sample ID: SB-7
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	18:08	M.Schott	8270C	5106
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Benzene	ND	mg/kg	0.0020	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	7:56	CHollingsw	8260B	5174
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	7:56	CHollingsw	8260B	5174

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143515
Sample ID: SB-8
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 14:30
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Acenaphthylene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Anthracene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Benzo(a)anthracene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Benzo(a)pyrene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Benzo(b)fluoranthene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Benzo(g,h,i)perylene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Benzo(k)fluoranthene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Bromophenylphenylether	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Butylbenzylphthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Carbazole	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Chloro-3-methylphenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Chloroaniline	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
bis(2-Chloroethoxy)methane	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
bis(2-Chloroethyl)ether	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Chloronaphthalene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Chlorophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Chlorophenylphenylether	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Chrysene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Dibenzofuran	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Dibenz(a,h)anthracene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
1,2-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
1,3-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 02-A143515
Sample ID: SB-8
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
3,3'-Dichlorobenzidine	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4-Dichlorophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Diethylphthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4-Dimethylphenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Dimethylphthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Di-n-butylphthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4-Dinitrophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4-dinitrotoluene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,6-Dinitrotoluene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Di-n-octylphthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Fluoranthene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Fluorene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Hexachlorobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Hexachlorobutadiene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Hexachlorocyclopentadiene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Hexachloroethane	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Isophorone	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Methylnaphthalene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Methylphenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
m,p-Methylphenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Naphthalene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
3-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Nitrobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2-Nitrophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
4-Nitrophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
N-nitrosodi-n-propylamine	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
N-nitrosodiphenylamine	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Pentachlorophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Phenanthrene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143515
Sample ID: SB-8
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Pyrene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
Bis(2-ethylhexyl)phthalate	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
1,2,4-Trichlorobenzene	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4,5-Trichlorophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
2,4,6-Trichlorophenol	ND	mg/kg	1.65	5	9/10/02	13:35	J.Saiyasak	8270C	7543
VOLATILE ORGANICS									
Acetone	0.0890	mg/kg	0.0500	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Benzene	0.0053	mg/kg	0.0020	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	8:30	CHollingsw	8260B	5174
n-Butylbenzene	0.0152	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
sec-Butylbenzene	0.0168	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143515
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Ethylbenzene	0.0507	mg/kg	0.0020	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Isopropylbenzene	0.0148	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
4-Isopropyltoluene	0.0114	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Naphthalene	0.0998	mg/kg	0.00500	1	9/ 6/02	8:30	CHollingsw	8260B	5174
n-Propylbenzene	0.0353	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Toluene	0.0342	mg/kg	0.0020	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	0.470	mg/kg	0.100	50	9/ 7/02	14:05	CHollingsw	8260B	6188
1,3,5-Trimethylbenzene	0.0869	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143515
Sample ID: SB-8
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	0.215	mg/kg	0.0020	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	8:30	CHollingsw	8260B	5174
METALS									
Antimony	ND	mg/kg	9.90	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	10.9	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	2.57	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	80.6	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	7.72	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	55.6	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	0.38	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	177.	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.99	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	84.2	mg/kg	9.90	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.8 gm	1.0 ml	9/ 9/02		M. Ricke	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	85.	56. - 155.
VOA Surr Toluene-d8	98.	79. - 130.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143515
Sample ID: SB-8
Project: #535-001

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	99.	62. - 155.
VOA Surr, DBFM	85.	74. - 127.
BNA Surr-Nitrobenzene-d5	54.	34. - 105.
BNA Surr-2-Fluorobiphenyl	55.	36. - 100.
BNA Surr-Terphenyl-d14	71.	45. - 108.
BNA Surr-Phenol-d5	61.	40. - 108.
BNA Surr-2-Fluorophenol	54.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	84.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143516
Sample ID: SB-9
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 15:00
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Acenaphthylene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Anthracene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Benzo(a)anthracene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Benzo(a)pyrene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Benzo(b)fluoranthene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Benzo(g,h,i)perylene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Benzo(k)fluoranthene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Bromophenylphenylether	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Butylbenzylphthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Carbazole	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Chloro-3-methylphenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Chloroaniline	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
bis(2-Chloroethoxy)methane	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
bis(2-Chloroethyl)ether	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
bis(2-Chloroisopropyl)ether	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Chloronaphthalene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Chlorophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Chlorophenylphenylether	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Chrysene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Dibenzofuran	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Dibenz(a,h)anthracene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
1,2-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
1,3-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143516
Sample ID: SB-9
Project: #535-001
Page 2

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
3,3'-Dichlorobenzidine	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4-Dichlorophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Diethylphthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4-Dimethylphenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Dimethylphthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Di-n-butylphthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4,6-Dinitro-2-methylphenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4-Dinitrophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4-dinitrotoluene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,6-Dinitrotoluene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Di-n-octylphthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Fluoranthene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Fluorene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Hexachlorobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Hexachlorobutadiene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Hexachlorocyclopentadiene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Hexachloroethane	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Indeno(1,2,3-cd)pyrene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Isophorone	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Methylnaphthalene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Methylphenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
m,p-Methylphenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Naphthalene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
3-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Nitroaniline	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Nitrobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2-Nitrophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
4-Nitrophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
N-nitrosodi-n-propylamine	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
N-nitrosodiphenylamine	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Pentachlorophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Phenanthrene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143516
Sample ID: SB-9
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Pyrene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
Bis(2-ethylhexyl)phthalate	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
1,2,4-Trichlorobenzene	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4,5-Trichlorophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
2,4,6-Trichlorophenol	ND	mg/kg	1.65	5	9/10/02	12:57	J.Saiyasak	8270C	7543
VOLATILE ORGANICS									
Acetone	0.248	mg/kg	0.0500	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Benzene	ND	mg/kg	0.0020	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	9:05	CHollingsw	8260B	5174
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Carbon disulfide	0.00250	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143516
Sample ID: SB-9
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Ethylbenzene	0.0023	mg/kg	0.0020	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
4-Isopropyltoluene	0.0756	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Naphthalene	0.00960	mg/kg	0.00500	1	9/ 6/02	9:05	CHollingsw	8260B	5174
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Toluene	0.0021	mg/kg	0.0020	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	0.0065	mg/kg	0.0020	1	9/ 6/02	9:05	CHollingsw	8260B	5174
1,3,5-Trimethylbenzene	0.00270	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143516
Sample ID: SB-9
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	0.0053	mg/kg	0.0020	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:05	CHollingsw	8260B	5174
METALS									
Antimony	ND	mg/kg	9.69	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	14.5	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	1.16	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	2.71	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	126.	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	18.6	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	109.	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	0.22	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	11.0	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.94	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.97	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	95.7	mg/kg	9.69	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	29.5 gm	1.0 ml	9/ 9/02		M. Ricke	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	74.	56. - 155.
VOA Surr Toluene-d8	79.	79. - 130.

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143516
Sample ID: SB-9
Project: #535-001

Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	115.	62. - 155.
VOA Surr, DBFM	80.	74. - 127.
BNA Surr-Nitrobenzene-d5	58.	34. - 105.
BNA Surr-2-Fluorobiphenyl	60.	36. - 100.
BNA Surr-Terphenyl-d14	66.	45. - 108.
BNA Surr-Phenol-d5	70.	40. - 108.
BNA Surr-2-Fluorophenol	70.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	86.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BNA PQL's elevated due to sample matrix.

End of Sample Report.

TestAmerica
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ANALYTICAL REPORT

QUALITY ENVIRONMENTAL SOLUTION 9151

2521 RIVA RD, SUITE L-3
ANNAPOLIS, MD 21401

Project: #535-001
Project Name: SPA ROAD
Sampler: SAL PADGETT

Lab Number: 02-A143517
Sample ID: SB-10
Sample Type: Soil
Site ID:

Date Collected: 8/29/02
Time Collected: 15:30
Date Received: 8/31/02
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
EXTRACTABLE ORGANICS									
Acenaphthene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Acenaphthylene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Anthracene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Benzo(a)anthracene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Benzo(a)pyrene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Benzo(b)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Benzo(g,h,i)perylene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Benzo(k)fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Bromophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Butylbenzylphthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Carbazole	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Chloro-3-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Chloroaniline	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
bis(2-Chloroethoxy)methane	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
bis(2-Chloroethyl)ether	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
bis(2-Chloroisopropyl)ether	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Chloronaphthalene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Chlorophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Chlorophenylphenylether	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Chrysene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Dibenzofuran	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Dibenz(a,h)anthracene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
1,2-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
1,3-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143517
Sample ID: SB-10
Project: #535-001
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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,4-Dichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
3,3'-Dichlorobenzidine	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4-Dichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Diethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4-Dimethylphenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Dimethylphthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Di-n-butylphthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4,6-Dinitro-2-methylphenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4-Dinitrophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4-dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,6-Dinitrotoluene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Di-n-octylphthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Fluoranthene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Fluorene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Hexachlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Hexachlorobutadiene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Hexachlorocyclopentadiene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Hexachloroethane	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Indeno(1,2,3-cd)pyrene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Isophorone	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Methylnaphthalene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
m,p-Methylphenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Naphthalene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
3-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Nitroaniline	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Nitrobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
4-Nitrophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
N-nitrosodi-n-propylamine	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
N-nitrosodiphenylamine	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Pentachlorophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Phenanthrene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 02-A143517
Sample ID: SB-10
Project: #535-001

Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Phenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Pyrene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
Bis(2-ethylhexyl)phthalate	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
1,2,4-Trichlorobenzene	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4,5-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
2,4,6-Trichlorophenol	ND	mg/kg	0.330	1	9/ 9/02	19:18	J.Saiyasak	8270C	7543
VOLATILE ORGANICS									
Acetone	ND	mg/kg	0.0500	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Benzene	ND	mg/kg	0.0020	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Bromobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Bromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Bromoform	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Bromomethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
2-Butanone	ND	mg/kg	0.0500	1	9/ 6/02	9:40	CHollingsw	8260B	5174
n-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
sec-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
t-Butylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Carbon disulfide	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Carbon tetrachloride	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Chlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Chloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Chloroform	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Chloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
2-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
4-Chlorotoluene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2-Dibromo-3-chloropropane	ND	mg/kg	0.0100	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Dibromochloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2-Dibromoethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Dibromomethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,3-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,4-Dichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Dichlorodifluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174

Sample report continued . . .

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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
1,1-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2-Dichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
cis-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
trans-1,2-Dichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,3-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
2,2-Dichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
cis-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
trans-1,3-Dichloropropene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Ethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Hexachlorobutadiene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
2-Hexanone	ND	mg/kg	0.0100	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Isopropylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
4-Isopropyltoluene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
4-Methyl-2-pentanone	ND	mg/kg	0.0100	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Methylene chloride	ND	mg/kg	0.00500	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Naphthalene	ND	mg/kg	0.00500	1	9/ 6/02	9:40	CHollingsw	8260B	5174
n-Propylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Styrene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1,1,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1,2,2-Tetrachloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Tetrachloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Toluene	ND	mg/kg	0.0020	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2,3-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2,4-Trichlorobenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1,1-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,1,2-Trichloroethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Trichloroethene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2,3-Trichloropropane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,2,4-Trimethylbenzene	ND	mg/kg	0.0020	1	9/ 6/02	9:40	CHollingsw	8260B	5174
1,3,5-Trimethylbenzene	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Vinyl chloride	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174

Sample report continued . . .

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Analyte	Result	Units	Report Limit	Dil Factor	Date	Time	Analyst	Method	Batch
Xylenes (Total)	ND	mg/kg	0.0020	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Bromodichloromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
Trichlorofluoromethane	ND	mg/kg	0.00200	1	9/ 6/02	9:40	CHollingsw	8260B	5174
METALS									
Antimony	ND	mg/kg	9.78	1	9/ 5/02	16:02	G.McCord	6010B	3947
Arsenic	13.9	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Beryllium	ND	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Cadmium	1.17	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Chromium	45.6	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Copper	3.91	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Lead	6.07	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Mercury	ND	mg/kg	0.10	1	9/10/02	8:49	K.Hatchett	7471A	5265
Nickel	ND	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Selenium	ND	mg/kg	1.96	1	9/ 5/02	16:02	G.McCord	6010B	3947
Silver	ND	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Thallium	ND	mg/kg	0.98	1	9/ 5/02	16:02	G.McCord	6010B	3947
Zinc	19.0	mg/kg	9.78	1	9/ 5/02	16:02	G.McCord	6010B	3947

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BNA's	30.1 gm	1.0 ml	9/ 9/02		M. Ricke	3550

Surrogate	% Recovery	Target Range
VOA Surr 1,2-DCA-d4	72.	56. - 155.
VOA Surr Toluene-d8	90.	79. - 130.

Sample report continued . . .

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Surrogate	% Recovery	Target Range
VOA Surr, 4-BFB	96.	62. - 155.
VOA Surr, DBFM	80.	74. - 127.
BNA Surr-Nitrobenzene-d5	61.	34. - 105.
BNA Surr-2-Fluorobiphenyl	59.	36. - 100.
BNA Surr-Terphenyl-d14	76.	45. - 108.
BNA Surr-Phenol-d5	69.	40. - 108.
BNA Surr-2-Fluorophenol	68.	36. - 103.
BNA Surr-2,4,6-Tribromophenol	100.	36. - 133.

LABORATORY COMMENTS:

ND - Not detected at the report limit.
B - Analyte was detected in the method blank.
J - Estimated Value below Report Limit.
E - Estimated Value above the calibration limit of the instrument.
- Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001
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Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
VOA PARAMETERS								
Benzene	mg/kg	< 0.0020	0.0513	0.0500	103	63. - 133.	5169	blank
Benzene	mg/kg	< 0.0020	0.0519	0.0500	104	63. - 133.	5174	blank
Chlorobenzene	mg/kg	< 0.00200	0.0475	0.0500	95	65. - 129.	5169	blank
Chlorobenzene	mg/kg	< 0.00200	0.0472	0.0500	94	65. - 129.	5174	blank
1,1-Dichloroethene	mg/kg	< 0.00200	0.0502	0.0500	100	68. - 130.	5169	blank
1,1-Dichloroethene	mg/kg	< 0.00200	0.0517	0.0500	103	68. - 130.	5174	blank
Toluene	mg/kg	< 0.0020	0.0479	0.0500	96	61. - 131.	5169	blank
Toluene	mg/kg	< 0.0020	0.0489	0.0500	98	61. - 131.	5174	blank
Trichloroethene	mg/kg	< 0.00200	0.0462	0.0500	92	62. - 131.	5169	blank
Trichloroethene	mg/kg	< 0.00200	0.0469	0.0500	94	62. - 131.	5174	blank

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
EXTRACTABLE PARAMETERS								
Acenaphthene	mg/kg	< 0.330	1.19	1.67	71	40. - 117.	7543	02-A143798
Acenaphthene	mg/kg	< 0.330	1.29	1.67	77	40. - 117.	5106	02-A143937
Acenaphthylene	mg/kg	< 0.330	1.32	1.67	79	41. - 117.	7543	02-A143798
Acenaphthylene	mg/kg	< 0.330	1.39	1.67	83	41. - 117.	5106	02-A143937
Anthracene	mg/kg	< 0.330	1.29	1.67	77	44. - 119.	7543	02-A143798
Anthracene	mg/kg	< 0.330	1.48	1.67	89	44. - 119.	5106	02-A143937
Benzo(a)anthracene	mg/kg	< 0.330	1.29	1.67	77	45. - 125.	7543	02-A143798
Benzo(a)anthracene	mg/kg	< 0.330	1.45	1.67	87	45. - 125.	5106	02-A143937
Benzo(a)pyrene	mg/kg	< 0.330	1.32	1.67	79	43. - 123.	7543	02-A143798
Benzo(a)pyrene	mg/kg	< 0.330	1.48	1.67	89	43. - 123.	5106	02-A143937
Benzo(b)fluoranthene	mg/kg	< 0.330	1.29	1.67	77	42. - 123.	7543	02-A143798
Benzo(b)fluoranthene	mg/kg	< 0.330	1.45	1.67	87	42. - 123.	5106	02-A143937

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
Benzo(g,h,i)perylene	mg/kg	< 0.330	1.32	1.67	79	14. - 144.	7543	02-A143798
Benzo(g,h,i)perylene	mg/kg	< 0.330	1.39	1.67	83	14. - 144.	5106	02-A143937
Benzo(k)fluoranthene	mg/kg	< 0.330	1.32	1.67	79	43. - 130.	7543	02-A143798
Benzo(k)fluoranthene	mg/kg	< 0.330	1.42	1.67	85	43. - 130.	5106	02-A143937
4-Bromophenylphenylether	mg/kg	< 0.330	1.29	1.67	77	46. - 125.	7543	02-A143798
4-Bromophenylphenylether	mg/kg	< 0.330	1.48	1.67	89	46. - 125.	5106	02-A143937
Butylbenzylphthalate	mg/kg	< 0.330	1.22	1.67	73	44. - 132.	7543	02-A143798
Butylbenzylphthalate	mg/kg	< 0.330	1.45	1.67	87	44. - 132.	5106	02-A143937
Carbazole	mg/kg	< 0.330	1.25	1.67	75	47. - 124.	7543	02-A143798
Carbazole	mg/kg	< 0.330	1.45	1.67	87	47. - 124.	5106	02-A143937
4-Chloro-3-methylphenol	mg/kg	< 0.330	1.32	1.67	79	45. - 124.	7543	02-A143798
4-Chloro-3-methylphenol	mg/kg	< 0.330	1.29	1.67	77	45. - 124.	5106	02-A143937
4-Chloroaniline	mg/kg	< 0.330	1.19	1.67	71	30. - 140.	7543	02-A143798
4-Chloroaniline	mg/kg	< 0.330	1.09	1.67	65	30. - 140.	5106	02-A143937
bis(2-Chloroethoxy)methane	mg/kg	< 0.330	1.19	1.67	71	36. - 114.	7543	02-A143798
bis(2-Chloroethoxy)methane	mg/kg	< 0.330	1.09	1.67	65	36. - 114.	5106	02-A143937
bis(2-Chloroethyl)ether	mg/kg	< 0.330	1.06	1.67	63	32. - 114.	7543	02-A143798
bis(2-Chloroethyl)ether	mg/kg	< 0.330	1.09	1.67	65	32. - 114.	5106	02-A143937
bis(2-Chloroisopropyl)ether	mg/kg	< 0.330	1.12	1.67	67	33. - 112.	7543	02-A143798
bis(2-Chloroisopropyl)ether	mg/kg	< 0.330	1.02	1.67	61	33. - 112.	5106	02-A143937
2-Chloronaphthalene	mg/kg	< 0.330	1.19	1.67	71	40. - 119.	7543	02-A143798
2-Chloronaphthalene	mg/kg	< 0.330	1.39	1.67	83	40. - 119.	5106	02-A143937
2-Chlorophenol	mg/kg	< 0.330	1.06	1.67	63	32. - 114.	7543	02-A143798
2-Chlorophenol	mg/kg	< 0.330	1.06	1.67	63	32. - 114.	5106	02-A143937
4-Chlorophenylphenylether	mg/kg	< 0.330	1.29	1.67	77	44. - 121.	7543	02-A143798
4-Chlorophenylphenylether	mg/kg	< 0.330	1.35	1.67	81	44. - 121.	5106	02-A143937
Chrysene	mg/kg	< 0.330	1.32	1.67	79	43. - 125.	7543	02-A143798
Chrysene	mg/kg	< 0.330	1.52	1.67	91	43. - 125.	5106	02-A143937
Dibenzofuran	mg/kg	< 0.330	1.32	1.67	79	45. - 120.	7543	02-A143798
Dibenzofuran	mg/kg	< 0.330	1.39	1.67	83	45. - 120.	5106	02-A143937
Dibenz(a,h)anthracene	mg/kg	< 0.330	1.29	1.67	77	22. - 139.	7543	02-A143798
Dibenz(a,h)anthracene	mg/kg	< 0.330	1.45	1.67	87	22. - 139.	5106	02-A143937
1,2-Dichlorobenzene	mg/kg	< 0.330	1.12	1.67	67	33. - 117.	7543	02-A143798

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
1,2-Dichlorobenzene	mg/kg	< 0.330	1.12	1.67	67	33. - 117.	5106	02-A143937
1,3-Dichlorobenzene	mg/kg	< 0.330	1.12	1.67	67	31. - 114.	7543	02-A143798
1,3-Dichlorobenzene	mg/kg	< 0.330	1.02	1.67	61	31. - 114.	5106	02-A143937
1,4-Dichlorobenzene	mg/kg	< 0.330	1.09	1.67	65	32. - 113.	7543	02-A143798
1,4-Dichlorobenzene	mg/kg	< 0.330	1.02	1.67	61	32. - 113.	5106	02-A143937
3,3'-Dichlorobenzidine	mg/kg	< 0.330	1.09	1.67	65	26. - 164.	7543	02-A143798
3,3'-Dichlorobenzidine	mg/kg	< 0.330	1.42	1.67	85	26. - 164.	5106	02-A143937
2,4-Dichlorophenol	mg/kg	< 0.330	1.22	1.67	73	39. - 119.	7543	02-A[illegible]98
2,4-Dichlorophenol	mg/kg	< 0.330	1.19	1.67	71	39. - 119.	5106	02-A[illegible]37
Diethylphthalate	mg/kg	< 0.330	1.29	1.67	77	45. - 122.	7543	02-A143798
Diethylphthalate	mg/kg	< 0.330	1.32	1.67	79	45. - 122.	5106	02-A143937
2,4-Dimethylphenol	mg/kg	< 0.330	1.12	1.67	67	20. - 118.	7543	02-A143798
2,4-Dimethylphenol	mg/kg	< 0.330	0.858	1.67	51	20. - 118.	5106	02-A143937
Dimethylphthalate	mg/kg	< 0.330	1.25	1.67	75	45. - 120.	7543	02-A143798
Dimethylphthalate	mg/kg	< 0.330	1.29	1.67	77	45. - 120.	5106	02-A143937
Di-n-butylphthalate	mg/kg	< 0.330	1.25	1.67	75	46. - 156.	7543	02-A143798
Di-n-butylphthalate	mg/kg	< 0.330	1.45	1.67	87	46. - 156.	5106	02-A143937
4,6-Dinitro-2-methylphenol	mg/kg	< 0.330	1.25	1.67	75	30. - 139.	7543	02-A143798
4,6-Dinitro-2-methylphenol	mg/kg	< 0.330	1.39	1.67	83	30. - 139.	5106	02-A143937
2,4-Dinitrophenol	mg/kg	< 0.330	1.16	1.67	69	13. - 137.	7543	02-A143798
2,4-Dinitrophenol	mg/kg	< 0.330	1.09	1.67	65	13. - 137.	5106	02-A143937
2,4-dinitrotoluene	mg/kg	< 0.330	1.39	1.67	83	46. - 133.	7543	02-A143798
2,4-dinitrotoluene	mg/kg	< 0.330	1.55	1.67	93	46. - 133.	5106	02-A143937
2,6-Dinitrotoluene	mg/kg	< 0.330	1.35	1.67	81	47. - 132.	7543	02-A143798
2,6-Dinitrotoluene	mg/kg	< 0.330	1.45	1.67	87	47. - 132.	5106	02-A143937
Di-n-octylphthalate	mg/kg	< 0.330	1.29	1.67	77	27. - 153.	7543	02-A143798
Di-n-octylphthalate	mg/kg	< 0.330	1.48	1.67	89	27. - 153.	5106	02-A143937
Fluoranthene	mg/kg	< 0.330	1.35	1.67	81	45. - 124.	7543	02-A143798
Fluoranthene	mg/kg	< 0.330	1.55	1.67	93	45. - 124.	5106	02-A143937
Fluorene	mg/kg	< 0.330	1.29	1.67	77	43. - 121.	7543	02-A143798
Fluorene	mg/kg	< 0.330	1.39	1.67	83	43. - 121.	5106	02-A143937
Hexachlorobenzene	mg/kg	< 0.330	1.42	1.67	85	45. - 131.	7543	02-A143798
Hexachlorobenzene	mg/kg	< 0.330	1.55	1.67	93	45. - 131.	5106	02-A143937

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
Hexachlorobutadiene	mg/kg	< 0.330	1.29	1.67	77	32. - 124.	7543	02-A143798
Hexachlorobutadiene	mg/kg	< 0.330	1.19	1.67	71	32. - 124.	5106	02-A143937
Hexachlorocyclopentadiene	mg/kg	< 0.330	1.22	1.67	73	7. - 118.	7543	02-A143798
Hexachlorocyclopentadiene	mg/kg	< 0.330	1.12	1.67	67	7. - 118.	5106	02-A143937
Hexachloroethane	mg/kg	< 0.330	1.12	1.67	67	29. - 116.	7543	02-A143798
Hexachloroethane	mg/kg	< 0.330	1.09	1.67	65	29. - 116.	5106	02-A143937
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.330	1.39	1.67	83	17. - 138.	7543	02-A143798
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.330	1.42	1.67	85	17. - 138.	5106	02-A143937
Isophorone	mg/kg	< 0.330	1.29	1.67	77	38. - 118.	7543	02-A143798
Isophorone	mg/kg	< 0.330	1.29	1.67	77	38. - 118.	5106	02-A143937
2-Methylnaphthalene	mg/kg	< 0.330	1.22	1.67	73	39. - 121.	7543	02-A143798
2-Methylnaphthalene	mg/kg	< 0.330	1.25	1.67	75	39. - 121.	5106	02-A143937
2-Methylphenol	mg/kg	< 0.330	1.06	1.67	63	34. - 118.	7543	02-A143798
2-Methylphenol	mg/kg	< 0.330	1.06	1.67	63	34. - 118.	5106	02-A143937
m,p-Methylphenol	mg/kg	< 0.330	1.12	1.67	67	35. - 119.	7543	02-A143798
m,p-Methylphenol	mg/kg	< 0.330	1.16	1.67	69	35. - 119.	5106	02-A143937
Naphthalene	mg/kg	< 0.330	1.16	1.67	69	35. - 112.	7543	02-A143798
Naphthalene	mg/kg	< 0.330	1.16	1.67	69	35. - 112.	5106	02-A143937
2-Nitroaniline	mg/kg	< 0.330	1.25	1.67	75	44. - 123.	7543	02-A143798
2-Nitroaniline	mg/kg	< 0.330	1.39	1.67	83	44. - 123.	5106	02-A143937
3-Nitroaniline	mg/kg	< 0.330	1.25	1.67	75	45. - 148.	7543	02-A143798
3-Nitroaniline	mg/kg	< 0.330	1.39	1.67	83	45. - 148.	5106	02-A143937
4-Nitroaniline	mg/kg	< 0.330	1.25	1.67	75	37. - 138.	7543	02-A143798
4-Nitroaniline	mg/kg	< 0.330	1.35	1.67	81	37. - 138.	5106	02-A143937
Nitrobenzene	mg/kg	< 0.330	1.22	1.67	73	34. - 119.	7543	02-A143798
Nitrobenzene	mg/kg	< 0.330	1.22	1.67	73	34. - 119.	5106	02-A143937
2-Nitrophenol	mg/kg	< 0.330	1.16	1.67	69	36. - 123.	7543	02-A143798
2-Nitrophenol	mg/kg	< 0.330	1.19	1.67	71	36. - 123.	5106	02-A143937
4-Nitrophenol	mg/kg	< 0.330	1.25	1.67	75	30. - 132.	7543	02-A143798
4-Nitrophenol	mg/kg	< 0.330	1.35	1.67	81	30. - 132.	5106	02-A143937
N-nitrosodi-n-propylamine	mg/kg	< 0.330	1.19	1.67	71	35. - 119.	7543	02-A143798
N-nitrosodi-n-propylamine	mg/kg	< 0.330	1.19	1.67	71	35. - 119.	5106	02-A143937
N-nitrosodiphenylamine	mg/kg	< 0.330	1.09	1.67	65	41. - 119.	7543	02-A143798

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
N-nitrosodiphenylamine	mg/kg	< 0.330	1.45	1.67	87	41. - 119.	5106	02-A143937
Pentachlorophenol	mg/kg	< 0.330	1.29	1.67	77	35. - 130.	7543	02-A143798
Pentachlorophenol	mg/kg	< 0.330	1.32	1.67	79	35. - 130.	5106	02-A143937
Phenanthrene	mg/kg	< 0.330	1.32	1.67	79	43. - 119.	7543	02-A143798
Phenanthrene	mg/kg	< 0.330	1.45	1.67	87	43. - 119.	5106	02-A143937
Phenol	mg/kg	< 0.330	1.09	1.67	65	35. - 117.	7543	02-A143798
Phenol	mg/kg	< 0.330	1.12	1.67	67	35. - 117.	5106	02-A143937
Pyrene	mg/kg	< 0.330	1.29	1.67	77	44. - 125.	7543	02-A[illegible]98
Pyrene	mg/kg	< 0.330	1.48	1.67	89	44. - 125.	5106	02-A[illegible]937
1,2,4-Trichlorobenzene	mg/kg	< 0.330	1.22	1.67	73	35. - 118.	7543	02-A143798
1,2,4-Trichlorobenzene	mg/kg	< 0.330	1.16	1.67	69	35. - 118.	5106	02-A143937
2,4,5-Trichlorophenol	mg/kg	< 0.330	1.29	1.67	77	42. - 127.	7543	02-A143798
2,4,5-Trichlorophenol	mg/kg	< 0.330	1.32	1.67	79	42. - 127.	5106	02-A143937
2,4,6-Trichlorophenol	mg/kg	< 0.330	1.35	1.67	81	39. - 124.	7543	02-A143798
2,4,6-Trichlorophenol	mg/kg	< 0.330	1.25	1.67	75	39. - 124.	5106	02-A143937

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
METALS								
Arsenic	mg/kg	11.7	30.5	20.0	94	80 - 120	3947	02-A143509
Arsenic	mg/kg	3.12	23.4	20.0	101	80 - 120	3945	02-A144383
Cadmium	mg/kg	< 0.97	19.4	20.0	97	80 - 120	3947	02-A143509
Cadmium	mg/kg	< 0.98	19.9	20.0	100	80 - 120	3945	02-A144383
Chromium	mg/kg	35.0	69.5	40.0	86	80 - 120	3947	02-A143509
Chromium	mg/kg	5.66	44.3	40.0	97	80 - 120	3945	02-A144383
Copper	mg/kg	2.72	51.3	50.0	97	80 - 120	3947	02-A143509
Copper	mg/kg	7.42	57.8	50.0	101	80 - 120	3945	02-A144383
Lead	mg/kg	5.83	96.9	100.	91	80 - 120	3947	02-A143509
Lead	mg/kg	3.91	102.	100.	98	80 - 120	3945	02-A144383

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Matrix Spike Recovery

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
Mercury	mg/kg	< 0.10	0.18	0.17	106	80 - 120	5265	02-A143473
Nickel	mg/kg	3.11	95.7	100.	93	80 - 120	3947	02-A143509
Selenium	mg/kg	< 1.94	17.7	20.0	88	80 - 120	3947	02-A143509
Selenium	mg/kg	< 1.95	19.1	20.0	96	80 - 120	3945	02-A144383
Silver	mg/kg	< 0.97	9.82	10.0	98	80 - 120	3947	02-A143509
Silver	mg/kg	< 0.98	10.4	10.0	104	80 - 120	3945	02-A144383
Thallium	mg/kg	< 0.97	84.3	100.	84	80 - 120	3947	02-A143509
Zinc	mg/kg	13.2	109.	100.	96	80 - 120	3947	02-A143509
Zinc	mg/kg	25.4	121.	100.	96	80 - 120	3945	02-A144383

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
VOA PARAMETERS						
Benzene	mg/kg	0.0513	0.0512	0.20	19.	5169
Benzene	mg/kg	0.0519	0.0514	0.97	19.	5174
Chlorobenzene	mg/kg	0.0475	0.0470	1.06	26.	5169
Chlorobenzene	mg/kg	0.0472	0.0461	2.36	26.	5174
1,1-Dichloroethene	mg/kg	0.0502	0.0510	1.58	18.	5169
1,1-Dichloroethene	mg/kg	0.0517	0.0503	2.75	18.	5174
Toluene	mg/kg	0.0479	0.0479	0.00	28.	5169
Toluene	mg/kg	0.0489	0.0484	1.03	28.	5174
Trichloroethene	mg/kg	0.0462	0.0469	1.50	21.	5169
Trichloroethene	mg/kg	0.0469	0.0449	4.36	21.	5174

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch

EXTRACTABLE PARAMETERS

Acenaphthene	mg/kg	1.19	0.990	18.35	40.	7543
Acenaphthene	mg/kg	1.29	1.35	4.55	40.	5106
4-Chloro-3-methylphenol	mg/kg	1.32	1.12	16.39	35.	7543
4-Chloro-3-methylphenol	mg/kg	1.29	1.42	9.59	35.	5106
2-Chlorophenol	mg/kg	1.06	0.924	13.71	42.	7543
2-Chlorophenol	mg/kg	1.06	1.09	2.79	42.	5106
1,4-Dichlorobenzene	mg/kg	1.09	0.990	9.62	42.	7543
1,4-Dichlorobenzene	mg/kg	1.02	1.12	9.35	42.	5106
2,4-dinitrotoluene	mg/kg	1.39	1.22	13.03	35.	7543
2,4-dinitrotoluene	mg/kg	1.55	1.62	4.42	35.	5106
4-Nitrophenol	mg/kg	1.25	1.09	13.68	40.	7543
4-Nitrophenol	mg/kg	1.35	1.55	13.79	40.	5106
N-nitrosodi-n-propylamine	mg/kg	1.19	1.02	15.38	36.	7543
N-nitrosodi-n-propylamine	mg/kg	1.19	1.22	2.49	36.	5106
Pentachlorophenol	mg/kg	1.29	1.19	8.06	39.	7543
Pentachlorophenol	mg/kg	1.32	1.39	5.17	39.	5106
Phenol	mg/kg	1.09	0.957	12.99	39.	7543
Phenol	mg/kg	1.12	1.16	3.51	39.	5106
Pyrene	mg/kg	1.29	1.16	10.61	37.	7543
Pyrene	mg/kg	1.48	1.58	6.54	37.	5106
1,2,4-Trichlorobenzene	mg/kg	1.22	1.12	8.55	68.	7543
1,2,4-Trichlorobenzene	mg/kg	1.16	1.32	12.90	68.	5106

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Antimony	mg/kg	94.1	96.4	2.41	20	3945
Arsenic	mg/kg	30.5	30.3	0.66	20	3947
Arsenic	mg/kg	23.4	23.6	0.85	20	3945
Beryllium	mg/kg	10.9	11.1	1.82	20	3945
Cadmium	mg/kg	19.4	19.4	0.00	20	3947
Cadmium	mg/kg	19.9	20.0	0.50	20	3945
Chromium	mg/kg	69.5	69.3	0.29	20	3947
Chromium	mg/kg	44.3	44.6	0.67	20	3945
Copper	mg/kg	51.3	51.1	0.39	20	3947
Copper	mg/kg	57.8	58.4	1.03	20	3945
Lead	mg/kg	96.9	96.3	0.62	20	3947
Lead	mg/kg	102.	102.	0.00	20	3945
Mercury	mg/kg	0.18	0.18	0.00	20	5265
Nickel	mg/kg	95.7	95.3	0.42	20	3947
Nickel	mg/kg	102.	103.	0.98	20	3945
Selenium	mg/kg	17.7	17.6	0.57	20	3947
Selenium	mg/kg	19.1	19.0	0.52	20	3945
Silver	mg/kg	9.82	9.78	0.41	20	3947
Silver	mg/kg	10.4	10.3	0.97	20	3945
Thallium	mg/kg	84.3	84.1	0.24	20	3947
Thallium	mg/kg	91.6	93.1	1.62	20	3945
Zinc	mg/kg	109.	109.	0.00	20	3947
Zinc	mg/kg	121.	121.	0.00	20	3945

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Acetone	mg/kg	0.250	0.244	98	50 - 154	5169

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Acetone	mg/kg	0.250	0.222	89	50 - 154	5174
Benzene	mg/kg	0.0500	0.0532	106	77 - 123	5169
Benzene	mg/kg	0.0500	0.0477	95	77 - 123	5174
Bromobenzene	mg/kg	0.0500	0.0524	105	72 - 121	5169
Bromobenzene	mg/kg	0.0500	0.0451	90	72 - 121	5174
Bromochloromethane	mg/kg	0.0500	0.0505	101	80 - 125	5169
Bromochloromethane	mg/kg	0.0500	0.0460	92	80 - 125	5174
Bromoform	mg/kg	0.0500	0.0480	96	67 - 125	5169
Bromoform	mg/kg	0.0500	0.0443	89	67 - 125	5174
Bromomethane	mg/kg	0.0500	0.0473	95	47 - 156	5169
Bromomethane	mg/kg	0.0500	0.0489	98	47 - 156	5174
2-Butanone	mg/kg	0.250	0.255	102	61 - 143	5169
2-Butanone	mg/kg	0.250	0.232	93	61 - 143	5174
n-Butylbenzene	mg/kg	0.0500	0.0593	119	48 - 140	5169
n-Butylbenzene	mg/kg	0.0500	0.0415	83	48 - 140	5174
sec-Butylbenzene	mg/kg	0.0500	0.0556	111	68 - 126	5169
sec-Butylbenzene	mg/kg	0.0500	0.0461	92	68 - 126	5174
t-Butylbenzene	mg/kg	0.0500	0.0542	108	72 - 124	5169
t-Butylbenzene	mg/kg	0.0500	0.0465	93	72 - 124	5174
Carbon disulfide	mg/kg	0.0500	0.0529	106	74 - 129	5169
Carbon disulfide	mg/kg	0.0500	0.0471	94	74 - 129	5174
Carbon tetrachloride	mg/kg	0.0500	0.0477	95	74 - 129	5169
Carbon tetrachloride	mg/kg	0.0500	0.0507	101	74 - 129	5174
Chlorobenzene	mg/kg	0.0500	0.0549	110	74 - 124	5169
Chlorobenzene	mg/kg	0.0500	0.0437	87	74 - 124	5174
Chloroethane	mg/kg	0.0500	0.0496	99	67 - 164	5169
Chloroethane	mg/kg	0.0500	0.0469	94	67 - 164	5174
Chloroform	mg/kg	0.0500	0.0490	98	79 - 121	5169
Chloroform	mg/kg	0.0500	0.0504	101	79 - 121	5174
Chloromethane	mg/kg	0.0500	0.0468	94	39 - 147	5169
Chloromethane	mg/kg	0.0500	0.0457	91	39 - 147	5174
2-Chlorotoluene	mg/kg	0.0500	0.0547	109	67 - 127	5169
2-Chlorotoluene	mg/kg	0.0500	0.0461	92	67 - 127	5174

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
4-Chlorotoluene	mg/kg	0.0500	0.0561	112	62 - 130	5169
4-Chlorotoluene	mg/kg	0.0500	0.0445	89	62 - 130	5174
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0466	93	60 - 138	5169
1,2-Dibromo-3-chloropropane	mg/kg	0.0500	0.0429	86	60 - 138	5174
Dibromochloromethane	mg/kg	0.0500	0.0488	98	73 - 129	5169
Dibromochloromethane	mg/kg	0.0500	0.0452	90	73 - 129	5174
1,2-Dibromoethane	mg/kg	0.0500	0.0492	98	70 - 131	5169
1,2-Dibromoethane	mg/kg	0.0500	0.0435	87	70 - 131	5174
Dibromomethane	mg/kg	0.0500	0.0451	90	77 - 130	5169
Dibromomethane	mg/kg	0.0500	0.0466	93	77 - 130	5174
1,2-Dichlorobenzene	mg/kg	0.0500	0.0534	107	67 - 125	5169
1,2-Dichlorobenzene	mg/kg	0.0500	0.0428	86	67 - 125	5174
1,3-Dichlorobenzene	mg/kg	0.0500	0.0566	113	59 - 129	5169
1,3-Dichlorobenzene	mg/kg	0.0500	0.0420	84	59 - 129	5174
1,4-Dichlorobenzene	mg/kg	0.0500	0.0557	111	57 - 130	5169
1,4-Dichlorobenzene	mg/kg	0.0500	0.0410	82	57 - 130	5174
Dichlorodifluoromethane	mg/kg	0.0500	0.0438	88	44 - 148	5169
Dichlorodifluoromethane	mg/kg	0.0500	0.0476	95	44 - 148	5174
1,1-Dichloroethane	mg/kg	0.0500	0.0512	102	76 - 126	5169
1,1-Dichloroethane	mg/kg	0.0500	0.0489	98	76 - 126	5174
1,2-Dichloroethane	mg/kg	0.0500	0.0444	89	71 - 133	5169
1,2-Dichloroethane	mg/kg	0.0500	0.0500	100	71 - 133	5174
1,1-Dichloroethene	mg/kg	0.0500	0.0512	102	79 - 122	5169
1,1-Dichloroethene	mg/kg	0.0500	0.0475	95	79 - 122	5174
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0504	101	77 - 125	5169
cis-1,2-Dichloroethene	mg/kg	0.0500	0.0491	98	77 - 125	5174
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0510	102	76 - 124	5169
trans-1,2-Dichloroethene	mg/kg	0.0500	0.0488	98	76 - 124	5174
1,2-Dichloropropane	mg/kg	0.0500	0.0509	102	76 - 127	5169
1,2-Dichloropropane	mg/kg	0.0500	0.0490	98	76 - 127	5174
1,3-Dichloropropane	mg/kg	0.0500	0.0467	93	78 - 125	5169
1,3-Dichloropropane	mg/kg	0.0500	0.0470	94	78 - 125	5174
2,2-Dichloropropane	mg/kg	0.0500	0.0491	98	68 - 129	5169

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number: #535-001

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2,2-Dichloropropane	mg/kg	0.0500	0.0498	100	68 - 129	5174
1,1-Dichloropropene	mg/kg	0.0500	0.0515	103	80 - 120	5169
1,1-Dichloropropene	mg/kg	0.0500	0.0489	98	80 - 120	5174
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0495	99	82 - 120	5169
cis-1,3-Dichloropropene	mg/kg	0.0500	0.0475	95	82 - 120	5174
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0462	92	78 - 123	5169
trans-1,3-Dichloropropene	mg/kg	0.0500	0.0466	93	78 - 123	5174
Ethylbenzene	mg/kg	0.0500	0.0542	108	73 - 134	5169
Ethylbenzene	mg/kg	0.0500	0.0446	89	73 - 134	5174
Hexachlorobutadiene	mg/kg	0.0500	0.0536	107	51 - 136	5169
Hexachlorobutadiene	mg/kg	0.0500	0.0420	84	51 - 136	5174
2-Hexanone	mg/kg	0.250	0.242	97	65 - 143	5169
2-Hexanone	mg/kg	0.250	0.237	95	65 - 143	5174
Isopropylbenzene	mg/kg	0.0500	0.0545	109	72 - 124	5169
Isopropylbenzene	mg/kg	0.0500	0.0456	91	72 - 124	5174
4-Isopropyltoluene	mg/kg	0.0500	0.0565	113	62 - 129	5169
4-Isopropyltoluene	mg/kg	0.0500	0.0428	86	62 - 129	5174
4-Methyl-2-pentanone	mg/kg	0.250	0.242	97	68 - 142	5169
4-Methyl-2-pentanone	mg/kg	0.250	0.243	97	68 - 142	5174
Methylene chloride	mg/kg	0.0500	0.0598	120	66 - 136	5169
Methylene chloride	mg/kg	0.0500	0.0570	114	66 - 136	5174
Naphthalene	mg/kg	0.0500	0.0452	90	54 - 135	5169
Naphthalene	mg/kg	0.0500	0.0403	81	54 - 135	5174
n-Propylbenzene	mg/kg	0.0500	0.0563	113	65 - 129	5169
n-Propylbenzene	mg/kg	0.0500	0.0447	89	65 - 129	5174
Styrene	mg/kg	0.0500	0.0561	112	71 - 126	5169
Styrene	mg/kg	0.0500	0.0446	89	71 - 126	5174
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0524	105	77 - 127	5169
1,1,1,2-Tetrachloroethane	mg/kg	0.0500	0.0466	93	77 - 127	5174
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0477	95	67 - 139	5169
1,1,2,2-Tetrachloroethane	mg/kg	0.0500	0.0440	88	67 - 139	5174
Tetrachloroethene	mg/kg	0.0500	0.0569	114	67 - 127	5169
Tetrachloroethene	mg/kg	0.0500	0.0420	84	67 - 127	5174

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Toluene	mg/kg	0.0500	0.0514	103	76 - 120	5169
Toluene	mg/kg	0.0500	0.0456	91	76 - 120	5174
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0532	106	46 - 140	5169
1,2,3-Trichlorobenzene	mg/kg	0.0500	0.0401	80	46 - 140	5174
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0579	116	37 - 145	5169
1,2,4-Trichlorobenzene	mg/kg	0.0500	0.0374	75	37 - 145	5174
1,1,1-Trichloroethane	mg/kg	0.0500	0.0490	98	75 - 128	5169
1,1,1-Trichloroethane	mg/kg	0.0500	0.0526	105	75 - 128	5174
1,1,2-Trichloroethane	mg/kg	0.0500	0.0460	92	73 - 131	5169
1,1,2-Trichloroethane	mg/kg	0.0500	0.0450	90	73 - 131	5174
Trichloroethene	mg/kg	0.0500	0.0498	100	78 - 121	5169
Trichloroethene	mg/kg	0.0500	0.0432	86	78 - 121	5174
1,2,3-Trichloropropane	mg/kg	0.0500	0.0478	96	66 - 138	5169
1,2,3-Trichloropropane	mg/kg	0.0500	0.0446	89	66 - 138	5174
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0575	115	63 - 126	5169
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0457	91	63 - 126	5174
1,2,4-Trimethylbenzene	mg/kg	0.0500	0.0535	107	63 - 126	6188
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0543	109	66 - 128	5169
1,3,5-Trimethylbenzene	mg/kg	0.0500	0.0435	87	66 - 128	5174
Vinyl chloride	mg/kg	0.0500	0.0492	98	67 - 131	5169
Vinyl chloride	mg/kg	0.0500	0.0476	95	67 - 131	5174
Xylenes (Total)	mg/kg	0.150	0.159	106	75 - 123	5169
Xylenes (Total)	mg/kg	0.150	0.131	87	75 - 123	5174
Bromodichloromethane	mg/kg	0.0500	0.0480	96	81 - 125	5169
Bromodichloromethane	mg/kg	0.0500	0.0504	101	81 - 125	5174
Trichlorofluoromethane	mg/kg	0.0500	0.0471	94	37 - 134	5169
Trichlorofluoromethane	mg/kg	0.0500	0.0509	102	37 - 134	5174

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
EXTRACTABLE PARAMETERS						
Acenaphthene	mg/kg	1.67	0.990	59	49 - 117	7543
Acenaphthene	mg/kg	1.67	1.55	93	49 - 117	5106
Acenaphthylene	mg/kg	1.67	1.09	65	51 - 117	7543
Acenaphthylene	mg/kg	1.67	1.55	93	51 - 117	5106
Anthracene	mg/kg	1.67	1.12	67	53 - 119	7543
Anthracene	mg/kg	1.67	1.65	99	53 - 119	5106
Benzo(a)anthracene	mg/kg	1.67	1.16	69	54 - 125	7543
Benzo(a)anthracene	mg/kg	1.67	1.65	99	54 - 125	5106
Benzo(a)pyrene	mg/kg	1.67	1.19	71	55 - 123	7543
Benzo(a)pyrene	mg/kg	1.67	1.65	99	55 - 123	5106
Benzo(b)fluoranthene	mg/kg	1.67	1.16	69	50 - 123	7543
Benzo(b)fluoranthene	mg/kg	1.67	1.65	99	50 - 123	5106
Benzo(g,h,i)perylene	mg/kg	1.67	1.25	75	32 - 144	7543
Benzo(g,h,i)perylene	mg/kg	1.67	1.42	85	32 - 144	5106
Benzo(k)fluoranthene	mg/kg	1.67	1.19	71	52 - 130	7543
Benzo(k)fluoranthene	mg/kg	1.67	1.62	97	52 - 130	5106
4-Bromophenylphenylether	mg/kg	1.67	1.12	67	56 - 125	7543
4-Bromophenylphenylether	mg/kg	1.67	1.62	97	56 - 125	5106
Butylbenzylphthalate	mg/kg	1.67	1.09	65	53 - 132	7543
Butylbenzylphthalate	mg/kg	1.67	1.62	97	53 - 132	5106
Carbazole	mg/kg	1.67	1.16	69	57 - 124	7543
Carbazole	mg/kg	1.67	1.65	99	57 - 124	5106
4-Chloro-3-methylphenol	mg/kg	1.67	1.16	69	57 - 124	7543
4-Chloro-3-methylphenol	mg/kg	1.67	1.55	93	57 - 124	5106
4-Chloroaniline	mg/kg	1.67	1.06	63	51 - 140	7543
4-Chloroaniline	mg/kg	1.67	1.32	79	51 - 140	5106

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
bis(2-Chloroethoxy)methane	mg/kg	1.67	0.990	59	52 - 114	7543
bis(2-Chloroethoxy)methane	mg/kg	1.67	1.29	77	52 - 114	5106
bis(2-Chloroethyl)ether	mg/kg	1.67	0.891	53	50 - 114	7543
bis(2-Chloroethyl)ether	mg/kg	1.67	1.22	73	50 - 114	5106
bis(2-Chloroisopropyl)ether	mg/kg	1.67	0.891	53	51 - 112	7543
bis(2-Chloroisopropyl)ether	mg/kg	1.67	1.29	77	51 - 112	5106
2-Chloronaphthalene	mg/kg	1.67	0.990	59	54 - 119	7543
2-Chloronaphthalene	mg/kg	1.67	1.62	97	54 - 119	5106
2-Chlorophenol	mg/kg	1.67	0.924	55	52 - 114	7543
2-Chlorophenol	mg/kg	1.67	1.22	73	52 - 114	5106
4-Chlorophenylphenylether	mg/kg	1.67	1.09	65	53 - 121	7543
4-Chlorophenylphenylether	mg/kg	1.67	1.58	95	53 - 121	5106
Chrysene	mg/kg	1.67	1.16	69	52 - 125	7543
Chrysene	mg/kg	1.67	1.68	101	52 - 125	5106
Dibenzofuran	mg/kg	1.67	1.12	67	56 - 120	7543
Dibenzofuran	mg/kg	1.67	1.58	95	56 - 120	5106
Dibenz(a,h)anthracene	mg/kg	1.67	1.19	71	39 - 139	7543
Dibenz(a,h)anthracene	mg/kg	1.67	1.52	91	39 - 139	5106
1,2-Dichlorobenzene	mg/kg	1.67	0.957	57	53 - 117	7543
1,2-Dichlorobenzene	mg/kg	1.67	1.35	81	53 - 117	5106
1,3-Dichlorobenzene	mg/kg	1.67	0.924	55	53 - 114	7543
1,3-Dichlorobenzene	mg/kg	1.67	1.25	75	53 - 114	5106
1,4-Dichlorobenzene	mg/kg	1.67	0.924	55	53 - 113	7543
1,4-Dichlorobenzene	mg/kg	1.67	1.22	73	53 - 113	5106
3,3'-Dichlorobenzidine	mg/kg	1.67	1.48	89	55 - 164	7543
3,3'-Dichlorobenzidine	mg/kg	1.67	1.88	113	55 - 164	5106
2,4-Dichlorophenol	mg/kg	1.67	1.02	61	56 - 119	7543
2,4-Dichlorophenol	mg/kg	1.67	1.35	81	56 - 119	5106
Diethylphthalate	mg/kg	1.67	1.12	67	53 - 122	7543
Diethylphthalate	mg/kg	1.67	1.58	95	53 - 122	5106
2,4-Dimethylphenol	mg/kg	1.67	1.02	61	46 - 118	7543
2,4-Dimethylphenol	mg/kg	1.67	1.29	77	46 - 118	5106
Dimethylphthalate	mg/kg	1.67	1.12	67	55 - 120	7543

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Dimethylphthalate	mg/kg	1.67	1.52	91	55 - 120	5106
Di-n-butylphthalate	mg/kg	1.67	1.12	67	56 - 126	7543
Di-n-butylphthalate	mg/kg	1.67	1.62	97	56 - 126	5106
4,6-Dinitro-2-methylphenol	mg/kg	1.67	1.12	67	49 - 139	7543
4,6-Dinitro-2-methylphenol	mg/kg	1.67	1.62	97	49 - 139	5106
2,4-Dinitrophenol	mg/kg	1.67	1.09	65	40 - 137	7543
2,4-Dinitrophenol	mg/kg	1.67	1.62	97	40 - 137	5106
2,4-dinitrotoluene	mg/kg	1.67	1.22	73	57 - 133	7543
2,4-dinitrotoluene	mg/kg	1.67	1.72	103	57 - 133	5106
2,6-Dinitrotoluene	mg/kg	1.67	1.19	71	58 - 132	7543
2,6-Dinitrotoluene	mg/kg	1.67	1.62	97	58 - 132	5106
Di-n-octylphthalate	mg/kg	1.67	1.16	69	39 - 149	7543
Di-n-octylphthalate	mg/kg	1.67	1.65	99	39 - 149	5106
Fluoranthene	mg/kg	1.67	1.16	69	53 - 124	7543
Fluoranthene	mg/kg	1.67	1.72	103	53 - 124	5106
Fluorene	mg/kg	1.67	1.09	65	51 - 121	7543
Fluorene	mg/kg	1.67	1.62	97	51 - 121	5106
Hexachlorobenzene	mg/kg	1.67	1.25	75	55 - 131	7543
Hexachlorobenzene	mg/kg	1.67	1.75	105	55 - 131	5106
Hexachlorobutadiene	mg/kg	1.67	1.06	63	51 - 124	7543
Hexachlorobutadiene	mg/kg	1.67	1.35	81	51 - 124	5106
Hexachlorocyclopentadiene	mg/kg	1.67	0.924	55	30 - 118	7543
Hexachlorocyclopentadiene	mg/kg	1.67	1.29	77	30 - 118	5106
Hexachloroethane	mg/kg	1.67	0.891	53	51 - 116	7543
Hexachloroethane	mg/kg	1.67	1.29	77	51 - 116	5106
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.25	75	35 - 138	7543
Indeno(1,2,3-cd)pyrene	mg/kg	1.67	1.48	89	35 - 138	5106
Isophorone	mg/kg	1.67	1.09	65	53 - 118	7543
Isophorone	mg/kg	1.67	1.45	87	53 - 118	5106
2-Methylnaphthalene	mg/kg	1.67	1.02	61	51 - 121	7543
2-Methylnaphthalene	mg/kg	1.67	1.45	87	51 - 121	5106
2-Methylphenol	mg/kg	1.67	0.924	55	50 - 118	7543
2-Methylphenol	mg/kg	1.67	1.32	79	50 - 118	5106

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
m,p-Methylphenol	mg/kg	1.67	0.990	59	41 - 119	7543
m,p-Methylphenol	mg/kg	1.67	1.48	89	41 - 119	5106
Naphthalene	mg/kg	1.67	0.957	57	48 - 112	7543
Naphthalene	mg/kg	1.67	1.42	85	48 - 112	5106
2-Nitroaniline	mg/kg	1.67	1.09	65	44 - 123	7543
2-Nitroaniline	mg/kg	1.67	1.65	99	44 - 123	5106
3-Nitroaniline	mg/kg	1.67	1.16	69	58 - 148	7543
3-Nitroaniline	mg/kg	1.67	1.65	99	58 - 148	5106
4-Nitroaniline	mg/kg	1.67	1.16	69	52 - 138	7543
4-Nitroaniline	mg/kg	1.67	1.72	103	52 - 138	5106
Nitrobenzene	mg/kg	1.67	1.02	61	53 - 119	7543
Nitrobenzene	mg/kg	1.67	1.42	85	53 - 119	5106
2-Nitrophenol	mg/kg	1.67	0.990	59	57 - 123	7543
2-Nitrophenol	mg/kg	1.67	1.35	81	57 - 123	5106
4-Nitrophenol	mg/kg	1.67	1.12	67	41 - 132	7543
4-Nitrophenol	mg/kg	1.67	1.65	99	41 - 132	5106
N-nitrosodi-n-propylamine	mg/kg	1.67	0.990	59	49 - 119	7543
N-nitrosodi-n-propylamine	mg/kg	1.67	1.42	85	49 - 119	5106
N-nitrosodiphenylamine	mg/kg	1.67	1.02	61	56 - 119	7543
N-nitrosodiphenylamine	mg/kg	1.67	1.68	101	56 - 119	5106
Pentachlorophenol	mg/kg	1.67	1.22	73	50 - 130	7543
Pentachlorophenol	mg/kg	1.67	1.68	101	50 - 130	5106
Phenanthrene	mg/kg	1.67	1.16	69	52 - 119	7543
Phenanthrene	mg/kg	1.67	1.65	99	52 - 119	5106
Phenol	mg/kg	1.67	0.990	59	54 - 117	7543
Phenol	mg/kg	1.67	1.35	81	54 - 117	5106
Pyrene	mg/kg	1.67	1.12	67	53 - 125	7543
Pyrene	mg/kg	1.67	1.72	103	53 - 125	5106
Bis(2-ethylhexyl)phthalate	mg/kg	1.67	1.09	65	47 - 139	7543
Bis(2-ethylhexyl)phthalate	mg/kg	1.67	1.62	97	47 - 139	5106
1,2,4-Trichlorobenzene	mg/kg	1.67	1.02	61	53 - 118	7543
1,2,4-Trichlorobenzene	mg/kg	1.67	1.32	79	53 - 118	5106
2,4,5-Trichlorophenol	mg/kg	1.67	1.09	65	55 - 127	7543

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
2,4,5-Trichlorophenol	mg/kg	1.67	1.58	95	55 - 127	5106
2,4,6-Trichlorophenol	mg/kg	1.67	1.16	69	52 - 124	7543
2,4,6-Trichlorophenol	mg/kg	1.67	1.42	85	52 - 124	5106

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						
Antimony	mg/kg	100.	86.8	87	80 - 120	3947
Antimony	mg/kg	100.	88.4	88	80 - 120	3945
Arsenic	mg/kg	20.0	20.2	101	80 - 120	3947
Arsenic	mg/kg	20.0	19.2	96	80 - 120	3945
Beryllium	mg/kg	10.0	10.2	102	80 - 120	3947
Beryllium	mg/kg	10.0	9.40	94	80 - 120	3945
Cadmium	mg/kg	20.0	19.4	97	80 - 120	3947
Cadmium	mg/kg	20.0	19.2	96	80 - 120	3945
Chromium	mg/kg	40.0	41.4	104	80 - 120	3947
Chromium	mg/kg	40.0	38.6	96	80 - 120	3945
Copper	mg/kg	50.0	51.0	102	80 - 120	3947
Copper	mg/kg	50.0	46.2	92	80 - 120	3945
Lead	mg/kg	100.	93.6	94	80 - 120	3947
Lead	mg/kg	100.	90.0	90	80 - 120	3945
Mercury	mg/kg	0.17	0.18	106	80 - 120	5265
Nickel	mg/kg	100.	95.4	95	80 - 120	3947
Nickel	mg/kg	100.	98.0	98	80 - 120	3945
Selenium	mg/kg	20.0	18.2	91	80 - 120	3947
Selenium	mg/kg	20.0	17.8	89	80 - 120	3945
Silver	mg/kg	10.0	10.8	108	75 - 125	3947
Silver	mg/kg	10.0	9.40	94	75 - 125	3945
Thallium	mg/kg	100.	90.2	90	80 - 120	3947
Thallium	mg/kg	100.	91.2	91	80 - 120	3945

Project QC continued . . .

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Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Zinc	mg/kg	100.	101.	101	80 - 120	3947

Continuing Calibration Verification

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch

METALS

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Acetone	< 0.0500	mg/kg	5169	9/ 5/02	16:20
Acetone	< 0.0500	mg/kg	5174	9/ 6/02	6:12
Benzene	< 0.0020	mg/kg	5169	9/ 5/02	16:20
Benzene	< 0.0020	mg/kg	5174	9/ 6/02	6:12
Bromobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Bromobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Bromochloromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Bromochloromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Bromoform	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Bromoform	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Bromomethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Bromomethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
2-Butanone	< 0.0500	mg/kg	5169	9/ 5/02	16:20
2-Butanone	< 0.0500	mg/kg	5174	9/ 6/02	6:12
n-Butylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
n-Butylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
sec-Butylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
sec-Butylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
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Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
t-Butylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
t-Butylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Carbon disulfide	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Carbon disulfide	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Carbon tetrachloride	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Carbon tetrachloride	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Chlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Chlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Chloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Chloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Chloroform	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Chloroform	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Chloromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Chloromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
2-Chlorotoluene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
2-Chlorotoluene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
4-Chlorotoluene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
4-Chlorotoluene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2-Dibromo-3-chloropropane	< 0.0100	mg/kg	5169	9/ 5/02	16:20
1,2-Dibromo-3-chloropropane	< 0.0100	mg/kg	5174	9/ 6/02	6:12
Dibromochloromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Dibromochloromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2-Dibromoethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2-Dibromoethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Dibromomethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Dibromomethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2-Dichlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2-Dichlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,3-Dichlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,3-Dichlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,4-Dichlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,4-Dichlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Dichlorodifluoromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Dichlorodifluoromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1-Dichloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1-Dichloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2-Dichloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2-Dichloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1-Dichloroethene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1-Dichloroethene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
cis-1,2-Dichloroethene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
cis-1,2-Dichloroethene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
trans-1,2-Dichloroethene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
trans-1,2-Dichloroethene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2-Dichloropropane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2-Dichloropropane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,3-Dichloropropane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,3-Dichloropropane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
2,2-Dichloropropane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
2,2-Dichloropropane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1-Dichloropropene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1-Dichloropropene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
cis-1,3-Dichloropropene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
cis-1,3-Dichloropropene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
trans-1,3-Dichloropropene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
trans-1,3-Dichloropropene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Ethylbenzene	< 0.0020	mg/kg	5169	9/ 5/02	16:20
Ethylbenzene	< 0.0020	mg/kg	5174	9/ 6/02	6:12
Hexachlorobutadiene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Hexachlorobutadiene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
2-Hexanone	< 0.0100	mg/kg	5169	9/ 5/02	16:20
2-Hexanone	< 0.0100	mg/kg	5174	9/ 6/02	6:12
Isopropylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Isopropylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
4-Isopropyltoluene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
4-Isopropyltoluene	< 0.00200	mg/kg	5174	9/ 6/02	6:12

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4-Methyl-2-pentanone	< 0.0100	mg/kg	5169	9/ 5/02	16:20
4-Methyl-2-pentanone	< 0.0100	mg/kg	5174	9/ 6/02	6:12
Methylene chloride	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Methylene chloride	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Naphthalene	< 0.00500	mg/kg	5169	9/ 5/02	16:20
Naphthalene	< 0.00500	mg/kg	5174	9/ 6/02	6:12
n-Propylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
n-Propylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Styrene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Styrene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1,1,2-Tetrachloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1,1,2-Tetrachloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1,2,2-Tetrachloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1,2,2-Tetrachloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Tetrachloroethene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Tetrachloroethene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Toluene	< 0.0020	mg/kg	5169	9/ 5/02	16:20
Toluene	< 0.0020	mg/kg	5174	9/ 6/02	6:12
1,2,3-Trichlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2,3-Trichlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2,4-Trichlorobenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2,4-Trichlorobenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1,1-Trichloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1,1-Trichloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,1,2-Trichloroethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,1,2-Trichloroethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Trichloroethene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Trichloroethene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2,3-Trichloropropane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,2,3-Trichloropropane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
1,2,4-Trimethylbenzene	< 0.0020	mg/kg	5169	9/ 5/02	16:20
1,2,4-Trimethylbenzene	< 0.0020	mg/kg	5174	9/ 6/02	6:12
1,2,4-Trimethylbenzene	< 0.0020	mg/kg	6188	9/ 7/02	10:29

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
1,3,5-Trimethylbenzene	< 0.00200	mg/kg	5169	9/ 5/02	16:20
1,3,5-Trimethylbenzene	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Vinyl chloride	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Vinyl chloride	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Xylenes (Total)	< 0.0020	mg/kg	5169	9/ 5/02	16:20
Xylenes (Total)	< 0.0020	mg/kg	5174	9/ 6/02	6:12
Bromodichloromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Bromodichloromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
Trichlorofluoromethane	< 0.00200	mg/kg	5169	9/ 5/02	16:20
Trichlorofluoromethane	< 0.00200	mg/kg	5174	9/ 6/02	6:12
VOA Surr 1,2-DCA-d4	82.	% Rec	5169	9/ 5/02	16:20
VOA Surr 1,2-DCA-d4	97.	% Rec	5174	9/ 6/02	6:12
VOA Surr 1,2-DCA-d4	105.	% Rec	6188	9/ 7/02	10:29
VOA Surr Toluene-d8	86.	% Rec	5169	9/ 5/02	16:20
VOA Surr Toluene-d8	87.	% Rec	5174	9/ 6/02	6:12
VOA Surr Toluene-d8	94.	% Rec	6188	9/ 7/02	10:29
VOA Surr, 4-BFB	96.	% Rec	5169	9/ 5/02	16:20
VOA Surr, 4-BFB	101.	% Rec	5174	9/ 6/02	6:12
VOA Surr, 4-BFB	105.	% Rec	6188	9/ 7/02	10:29
VOA Surr, DBFM	84.	% Rec	5169	9/ 5/02	16:20
VOA Surr, DBFM	88.	% Rec	5174	9/ 6/02	6:12
VOA Surr, DBFM	92.	% Rec	6188	9/ 7/02	10:29

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
EXTRACTABLE PARAMETERS					
Acenaphthene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Acenaphthene	< 0.330	mg/kg	5106	9/10/02	16:25
Acenaphthylene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Acenaphthylene	< 0.330	mg/kg	5106	9/10/02	16:25

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Anthracene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Anthracene	< 0.330	mg/kg	5106	9/10/02	16:25
Benzo(a)anthracene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Benzo(a)anthracene	< 0.330	mg/kg	5106	9/10/02	16:25
Benzo(a)pyrene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Benzo(a)pyrene	< 0.330	mg/kg	5106	9/10/02	16:25
Benzo(b)fluoranthene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Benzo(b)fluoranthene	< 0.330	mg/kg	5106	9/10/02	16:25
Benzo(g,h,i)perylene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Benzo(g,h,i)perylene	< 0.330	mg/kg	5106	9/10/02	16:25
Benzo(k)fluoranthene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Benzo(k)fluoranthene	< 0.330	mg/kg	5106	9/10/02	16:25
4-Bromophenylphenylether	< 0.330	mg/kg	7543	9/ 9/02	16:43
4-Bromophenylphenylether	< 0.330	mg/kg	5106	9/10/02	16:25
Butylbenzylphthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Butylbenzylphthalate	< 0.330	mg/kg	5106	9/10/02	16:25
Carbazole	< 0.330	mg/kg	7543	9/ 9/02	16:43
Carbazole	< 0.330	mg/kg	5106	9/10/02	16:25
4-Chloro-3-methylphenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
4-Chloro-3-methylphenol	< 0.330	mg/kg	5106	9/10/02	16:25
4-Chloroaniline	< 0.330	mg/kg	7543	9/ 9/02	16:43
4-Chloroaniline	< 0.330	mg/kg	5106	9/10/02	16:25
bis(2-Chloroethoxy)methane	< 0.330	mg/kg	7543	9/ 9/02	16:43
bis(2-Chloroethoxy)methane	< 0.330	mg/kg	5106	9/10/02	16:25
bis(2-Chloroethyl)ether	< 0.330	mg/kg	7543	9/ 9/02	16:43
bis(2-Chloroethyl)ether	< 0.330	mg/kg	5106	9/10/02	16:25
bis(2-Chloroisopropyl)ether	< 0.330	mg/kg	7543	9/ 9/02	16:43
bis(2-Chloroisopropyl)ether	< 0.330	mg/kg	5106	9/10/02	16:25
2-Chloronaphthalene	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Chloronaphthalene	< 0.330	mg/kg	5106	9/10/02	16:25
2-Chlorophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Chlorophenol	< 0.330	mg/kg	5106	9/10/02	16:25
4-Chlorophenylphenylether	< 0.330	mg/kg	7543	9/ 9/02	16:43

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
4-Chlorophenylphenylether	< 0.330	mg/kg	5106	9/10/02	16:25
Chrysene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Chrysene	< 0.330	mg/kg	5106	9/10/02	16:25
Dibenzofuran	< 0.330	mg/kg	7543	9/ 9/02	16:43
Dibenzofuran	< 0.330	mg/kg	5106	9/10/02	16:25
Dibenz(a,h)anthracene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Dibenz(a,h)anthracene	< 0.330	mg/kg	5106	9/10/02	16:25
1,2-Dichlorobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43
1,2-Dichlorobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
1,3-Dichlorobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43
1,3-Dichlorobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
1,4-Dichlorobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43
1,4-Dichlorobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
3,3'-Dichlorobenzidine	< 0.330	mg/kg	7543	9/ 9/02	16:43
3,3'-Dichlorobenzidine	< 0.330	mg/kg	5106	9/10/02	16:25
2,4-Dichlorophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4-Dichlorophenol	< 0.330	mg/kg	5106	9/10/02	16:25
Diethylphthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Diethylphthalate	< 0.330	mg/kg	5106	9/10/02	16:25
2,4-Dimethylphenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4-Dimethylphenol	< 0.330	mg/kg	5106	9/10/02	16:25
Dimethylphthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Dimethylphthalate	< 0.330	mg/kg	5106	9/10/02	16:25
Di-n-butylphthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Di-n-butylphthalate	< 0.330	mg/kg	5106	9/10/02	16:25
4,6-Dinitro-2-methylphenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
4,6-Dinitro-2-methylphenol	< 0.330	mg/kg	5106	9/10/02	16:25
2,4-Dinitrophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4-Dinitrophenol	< 0.330	mg/kg	5106	9/10/02	16:25
2,4-dinitrotoluene	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4-dinitrotoluene	< 0.330	mg/kg	5106	9/10/02	16:25
2,6-Dinitrotoluene	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,6-Dinitrotoluene	< 0.330	mg/kg	5106	9/10/02	16:25

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Di-n-octylphthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Di-n-octylphthalate	< 0.330	mg/kg	5106	9/10/02	16:25
Fluoranthene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Fluoranthene	< 0.330	mg/kg	5106	9/10/02	16:25
Fluorene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Fluorene	< 0.330	mg/kg	5106	9/10/02	16:25
Hexachlorobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Hexachlorobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
Hexachlorobutadiene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Hexachlorobutadiene	< 0.330	mg/kg	5106	9/10/02	16:25
Hexachlorocyclopentadiene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Hexachlorocyclopentadiene	< 0.330	mg/kg	5106	9/10/02	16:25
Hexachloroethane	< 0.330	mg/kg	7543	9/ 9/02	16:43
Hexachloroethane	< 0.330	mg/kg	5106	9/10/02	16:25
Indeno(1,2,3-cd)pyrene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Indeno(1,2,3-cd)pyrene	< 0.330	mg/kg	5106	9/10/02	16:25
Isophorone	< 0.330	mg/kg	7543	9/ 9/02	16:43
Isophorone	< 0.330	mg/kg	5106	9/10/02	16:25
2-Methylnaphthalene	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Methylnaphthalene	< 0.330	mg/kg	5106	9/10/02	16:25
2-Methylphenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Methylphenol	< 0.330	mg/kg	5106	9/10/02	16:25
m,p-Methylphenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
m,p-Methylphenol	< 0.330	mg/kg	5106	9/10/02	16:25
Naphthalene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Naphthalene	< 0.330	mg/kg	5106	9/10/02	16:25
2-Nitroaniline	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Nitroaniline	< 0.330	mg/kg	5106	9/10/02	16:25
3-Nitroaniline	< 0.330	mg/kg	7543	9/ 9/02	16:43
3-Nitroaniline	< 0.330	mg/kg	5106	9/10/02	16:25
4-Nitroaniline	< 0.330	mg/kg	7543	9/ 9/02	16:43
4-Nitroaniline	< 0.330	mg/kg	5106	9/10/02	16:25
Nitrobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Nitrobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
2-Nitrophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2-Nitrophenol	< 0.330	mg/kg	5106	9/10/02	16:25
4-Nitrophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
4-Nitrophenol	< 0.330	mg/kg	5106	9/10/02	16:25
N-nitrosodi-n-propylamine	< 0.330	mg/kg	7543	9/ 9/02	16:43
N-nitrosodi-n-propylamine	< 0.330	mg/kg	5106	9/10/02	16:25
N-nitrosodiphenylamine	< 0.330	mg/kg	7543	9/ 9/02	16:43
N-nitrosodiphenylamine	< 0.330	mg/kg	5106	9/10/02	16:25
Pentachlorophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
Pentachlorophenol	< 0.330	mg/kg	5106	9/10/02	16:25
Phenanthrene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Phenanthrene	< 0.330	mg/kg	5106	9/10/02	16:25
Phenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
Phenol	< 0.330	mg/kg	5106	9/10/02	16:25
Pyrene	< 0.330	mg/kg	7543	9/ 9/02	16:43
Pyrene	< 0.330	mg/kg	5106	9/10/02	16:25
Bis(2-ethylhexyl)phthalate	< 0.330	mg/kg	7543	9/ 9/02	16:43
Bis(2-ethylhexyl)phthalate	< 0.330	mg/kg	5106	9/10/02	16:25
1,2,4-Trichlorobenzene	< 0.330	mg/kg	7543	9/ 9/02	16:43
1,2,4-Trichlorobenzene	< 0.330	mg/kg	5106	9/10/02	16:25
2,4,5-Trichlorophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4,5-Trichlorophenol	< 0.330	mg/kg	5106	9/10/02	16:25
2,4,6-Trichlorophenol	< 0.330	mg/kg	7543	9/ 9/02	16:43
2,4,6-Trichlorophenol	< 0.330	mg/kg	5106	9/10/02	16:25

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
METALS					
Antimony	< 0.85	mg/kg	3947	9/ 5/02	16:02

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Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Antimony	< 0.85	mg/kg	3945	9/ 6/02	15:35
Arsenic	< 0.88	mg/kg	3947	9/ 5/02	16:02
Arsenic	< 0.88	mg/kg	3945	9/ 6/02	15:35
Beryllium	< 0.79	mg/kg	3947	9/ 5/02	16:02
Beryllium	< 0.79	mg/kg	3945	9/ 6/02	15:35
Cadmium	< 0.75	mg/kg	3947	9/ 5/02	16:02
Cadmium	< 0.75	mg/kg	3945	9/ 6/02	15:35
Chromium	< 0.24	mg/kg	3947	9/ 5/02	16:02
Chromium	< 0.24	mg/kg	3945	9/ 6/02	15:35
Copper	< 0.32	mg/kg	3947	9/ 5/02	16:02
Copper	< 0.32	mg/kg	3945	9/ 6/02	15:35
Lead	< 0.39	mg/kg	3947	9/ 5/02	16:02
Lead	< 0.39	mg/kg	3945	9/ 6/02	15:35
Mercury	< 0.10	mg/kg	5265	9/10/02	8:49
Nickel	< 0.27	mg/kg	3947	9/ 5/02	16:02
Nickel	< 0.27	mg/kg	3945	9/ 6/02	15:35
Selenium	< 0.94	mg/kg	3947	9/ 5/02	16:02
Selenium	< 0.94	mg/kg	3945	9/ 6/02	15:35
Silver	< 0.35	mg/kg	3947	9/ 5/02	16:02
Silver	< 0.35	mg/kg	3945	9/ 6/02	15:35
Thallium	< 0.44	mg/kg	3947	9/ 5/02	16:02
Thallium	< 0.44	mg/kg	3945	9/ 6/02	15:35
Zinc	< 0.29	mg/kg	3947	9/ 5/02	16:02
Zinc	< 0.29	mg/kg	3945	9/ 6/02	15:35

End of Report for Project 299353