N61165.AR.003168
CNC CHARLESTON
5090.3a

FINAL RESOURCE CONSERVATION AND RECOVERY ACT FACILITY INVESTIGATION REPORT ZONE H ADDENDUM CNC CHARLESTON SC
9/30/1997
ENSAFE

FINAL RCRA
FACILITY INVESTIGATION REPORT
FOR ZONE H
ADDENDUM
NAVAL BASE CHARLESTON

CONTRACT N62467-89-D-0318
CTO-029

Prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
North Charleston, South Carolina

Prepared by:

EnSafe/Allen & Hoshall
5720 Summer Trees Drive, Suite 8
Memphis, Tennessee 38134
(901) 383-9115

September 30, 1997

DEPARTMENT OF THE NAVY
SOUTHERN DIVISION
NAVAL FACILITIES ENGINEERING COMMAND
P.O. BOX 190010
2155 EAGLE DRIVE
NORTH CHARLESTON, S.C. 29419-9010

5090/11
Code 1877
1 October 1997

Mr. John Litton, P.E.
Director, Division of Hazardous and Infectious Waste Management
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street, Columbia, SC 29201

Subj: FINAL ZONE H RFI REPORT ADDENDUM

Dear Mr. Litton:

The purpose of this letter is to submit the Final Zone H RFI Report Addendum. This document supplements the information in the approved Final Zone H RFI Report which was approved by the Department letter, Tapia to Rose, dated 28 August 1997. Specifically, the addendum provides additional data on four sites which required further delineation. Additionally the addendum provides the data for four quarters of groundwater sampling that has occurred since the original Zone H RFI report submittal.

The information contained in the addendum is intended to supplement the RFI report. The information contained in the previously approved RFI report and this addendum are submitted with the intent of satisfying the requirements of condition IV.C.6 of the RCRA Part B permit. Based on the additional information collected, recommendations are included in the addendum for further action on the four sites included. These results and recommendations have been discussed with representatives of the Department (Johnny Tapia).

We request that the Department review and approve the addendum. If you should have any questions, please contact me at (803) 820-5525.

Sincerely,

M. A. Hunt

M.A. HUNT
Environmental Engineer
Installation Restoration III

Encl (1) Zone H RFI Report Addendum

Copy to:
SCDHEC (Paul Bergstrand, Johnny Tapia), USEPA (Jay Bassett, Dan Spariosu)
SOUTHDIV (Reece Batten), CSO Naval Base Charleston (Billy Drawdy, Daryle Fontenot)
SPORTENVDETCHASN (Bobby Dearhart)
ENSAFE (Todd Haverkost)

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Code 1877
6 March, 1998

Mr. John Litton, P.E.
Director, Division of Hazardous and Infectious Waste Management
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, SC 29201

Subj: NOTIFICATION OF AOC 709

Dear Mr. Litton,

The purpose of this letter is to provide notification of AOC 709, Other Impacted Area. The area was identified during the course of the field investigation in Zone H at Naval Base Charleston. The areas have been previously identified as two separate Other Impacted Areas (OIA) G38 and G07 in the Zone H RFI report. Further evaluation concluded that the areas should be formally identified as a site. The notification is provided to fulfill the requirements of condition IV.B.1 of the RCRA Part B permit issued to the Navy by the South Carolina Department of Health and Environmental Control and U.S. Environmental Protection Agency.

We request that the Department add this site to the list of sites requiring an RFI, Appendix F-9 of the permit application currently in review. If you should have any questions, please contact Bill Drawdy or myself at (803) 743-9985 and (803) 820-5525 respectively.

Sincerely,

Matthew A. Hunt

MATTHEW A.HUNT
Environmental Engineer
Installation Restoration III

Encl: AOC 709 Sketch
Copy to:
SCDHEC (Paul Bergstrand, Johnny Tapia), USEPA (Dann Spariosu)
SOUTHNAVFACENGCOM (Matthew Hunt), CSO Naval Base Charleston (Billy Drawdy, Daryle Fontenot), SPORTENVDETCHASN (Bobby Dearhart), Bechtel (Mac McNeil)

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2600 Bull Street
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Sincerely,

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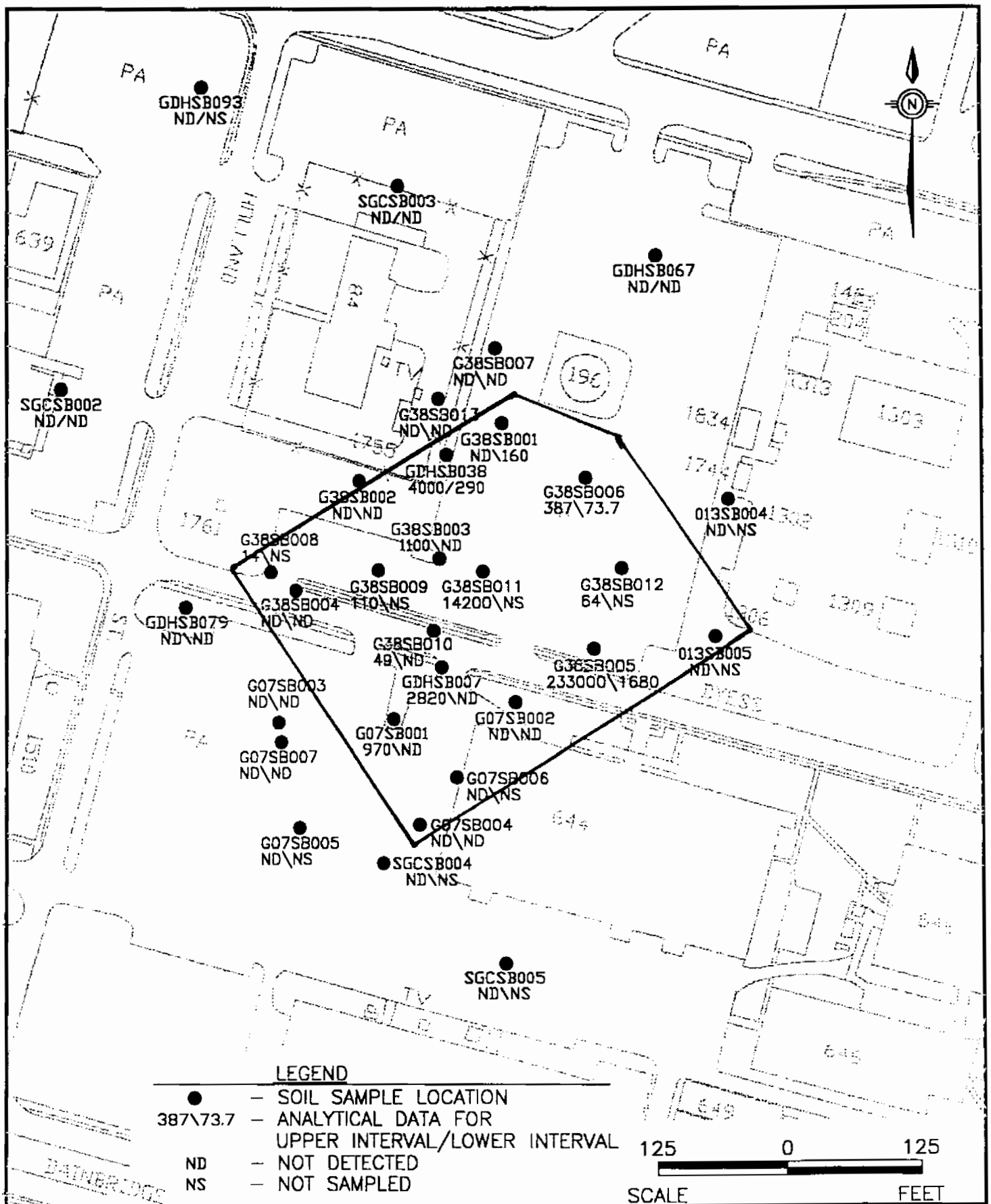
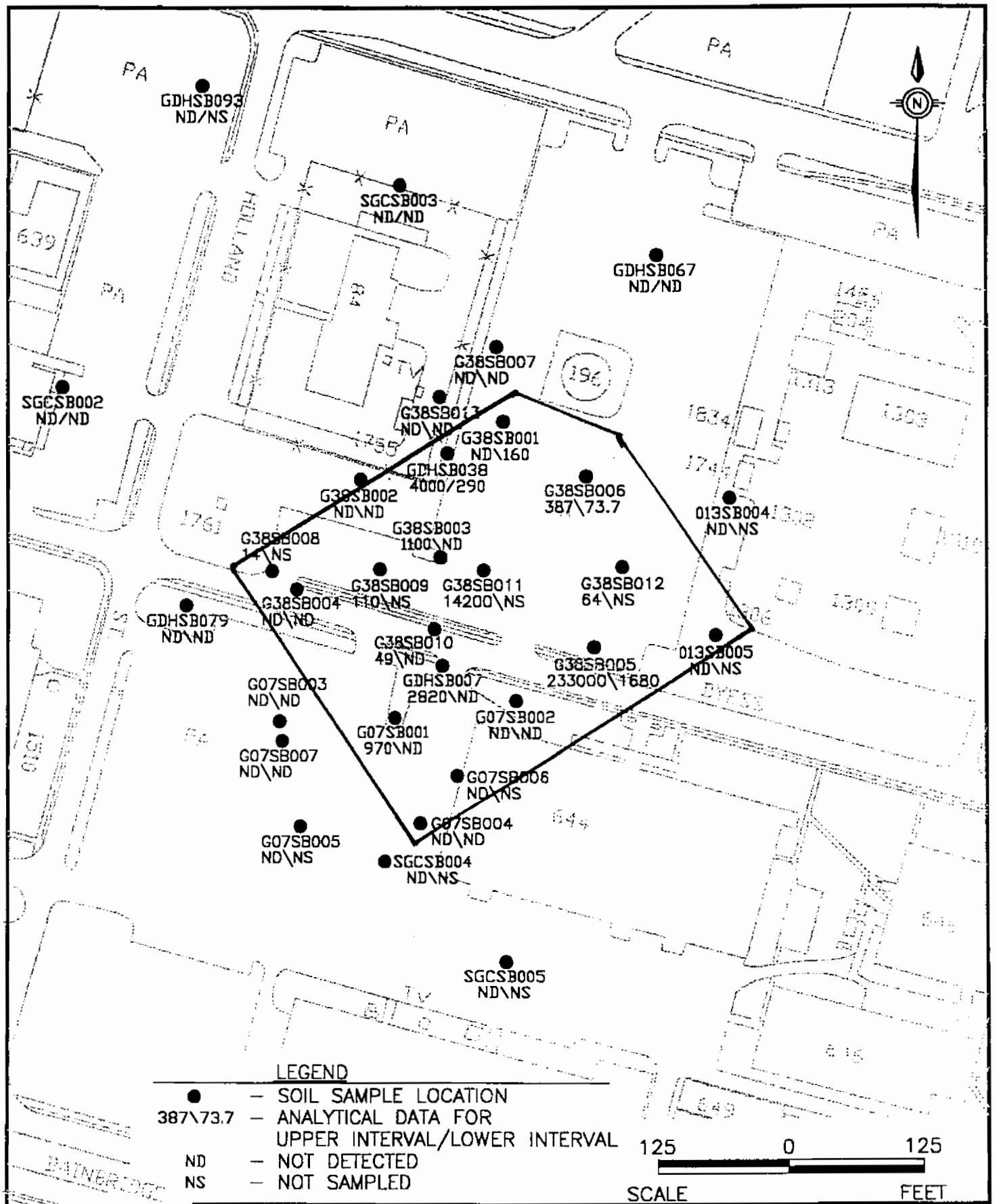


ZONE H
FINAL RCRA FACILITY
INVESTIGATION REPORT
NAVAL BASE CHARLESTON
CHARLESTON, S.C.

APPROXIMATE BOUNDARIES AND DISTRIBUTION OF AROCLOR 1260 IN SOIL (ug/kg)

AOC 709

DWG DATE: 01/13/98 | DWG NAME: 2908CLR1



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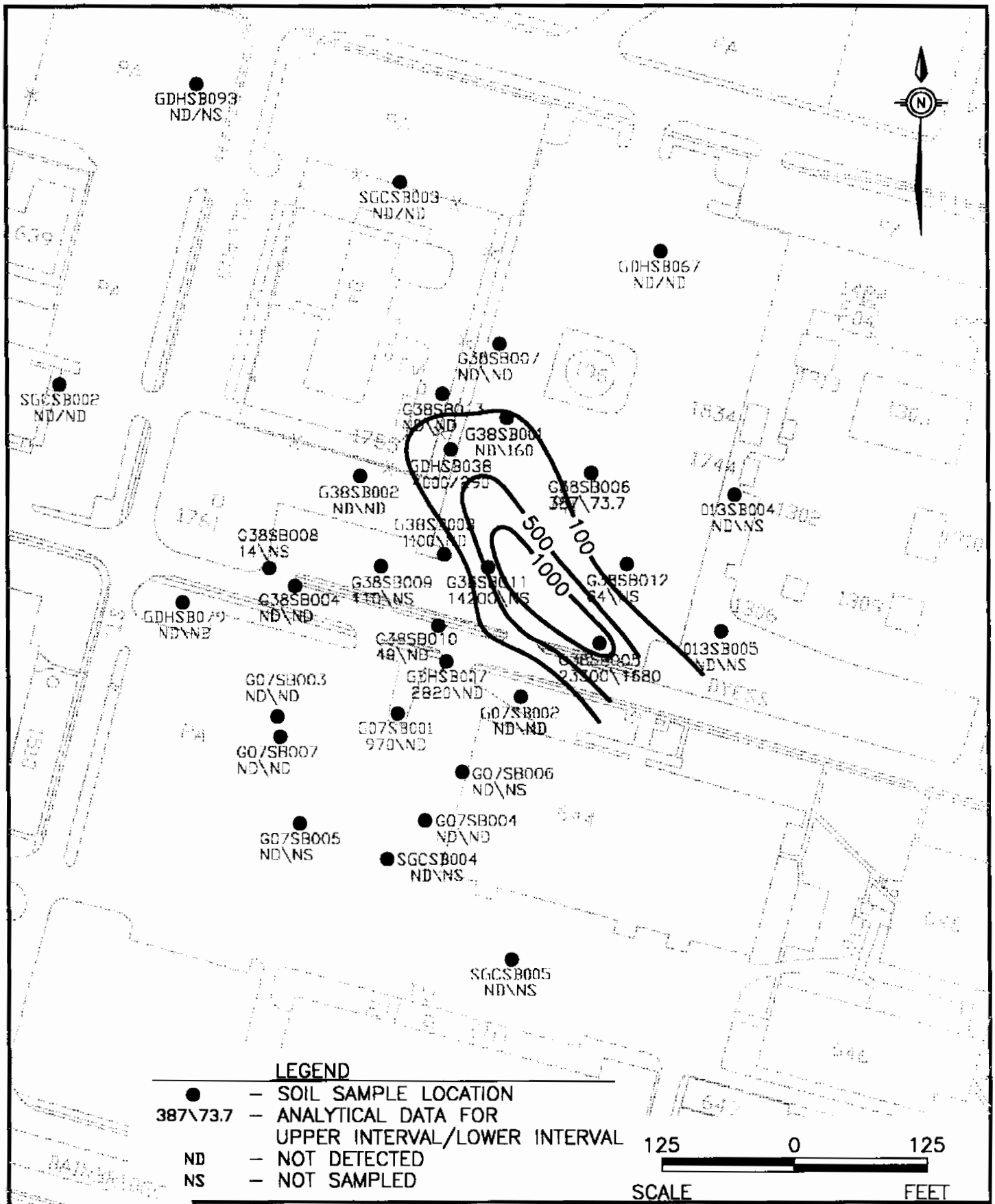

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LOWER INTERVAL
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OIA G38/G07

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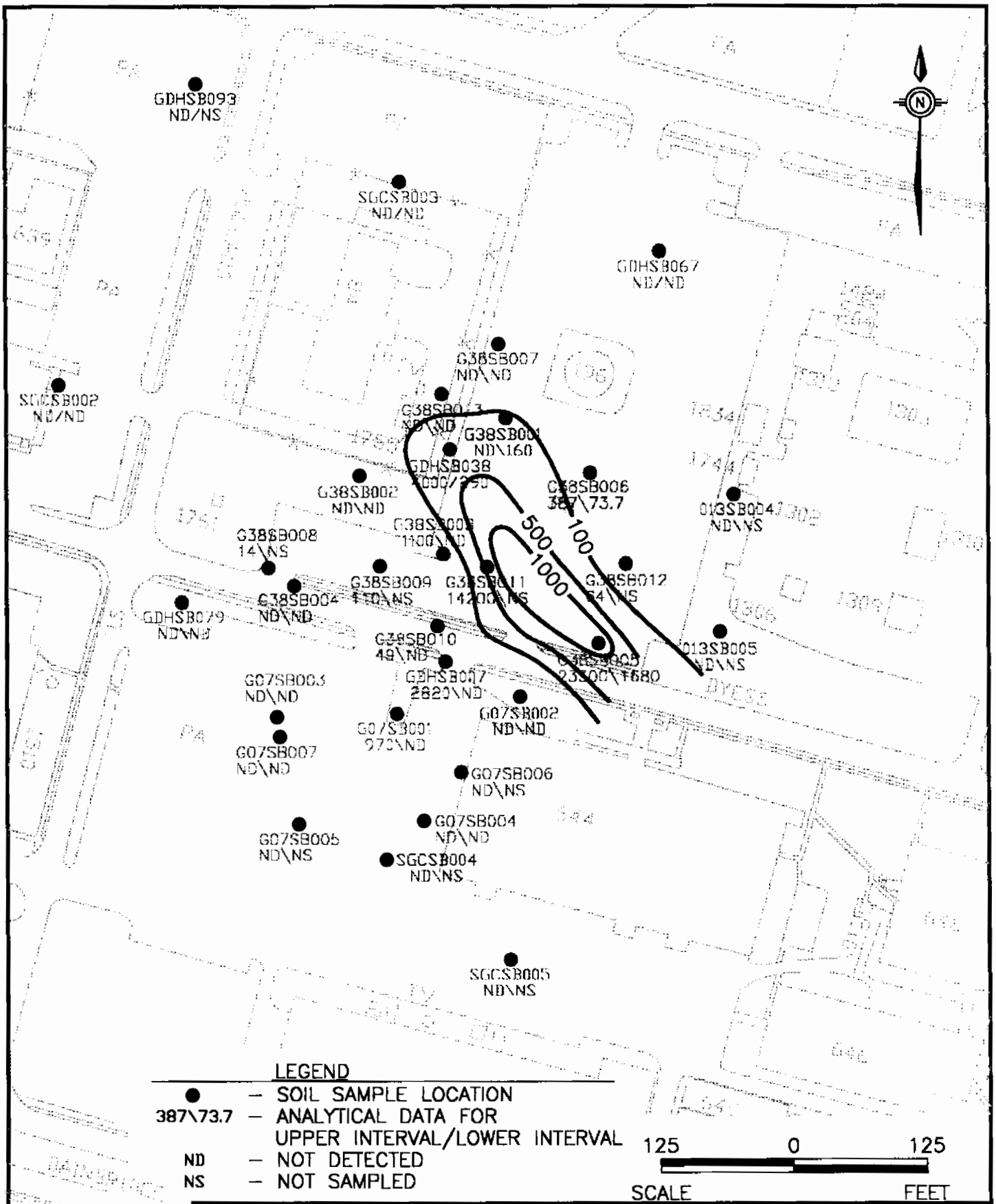

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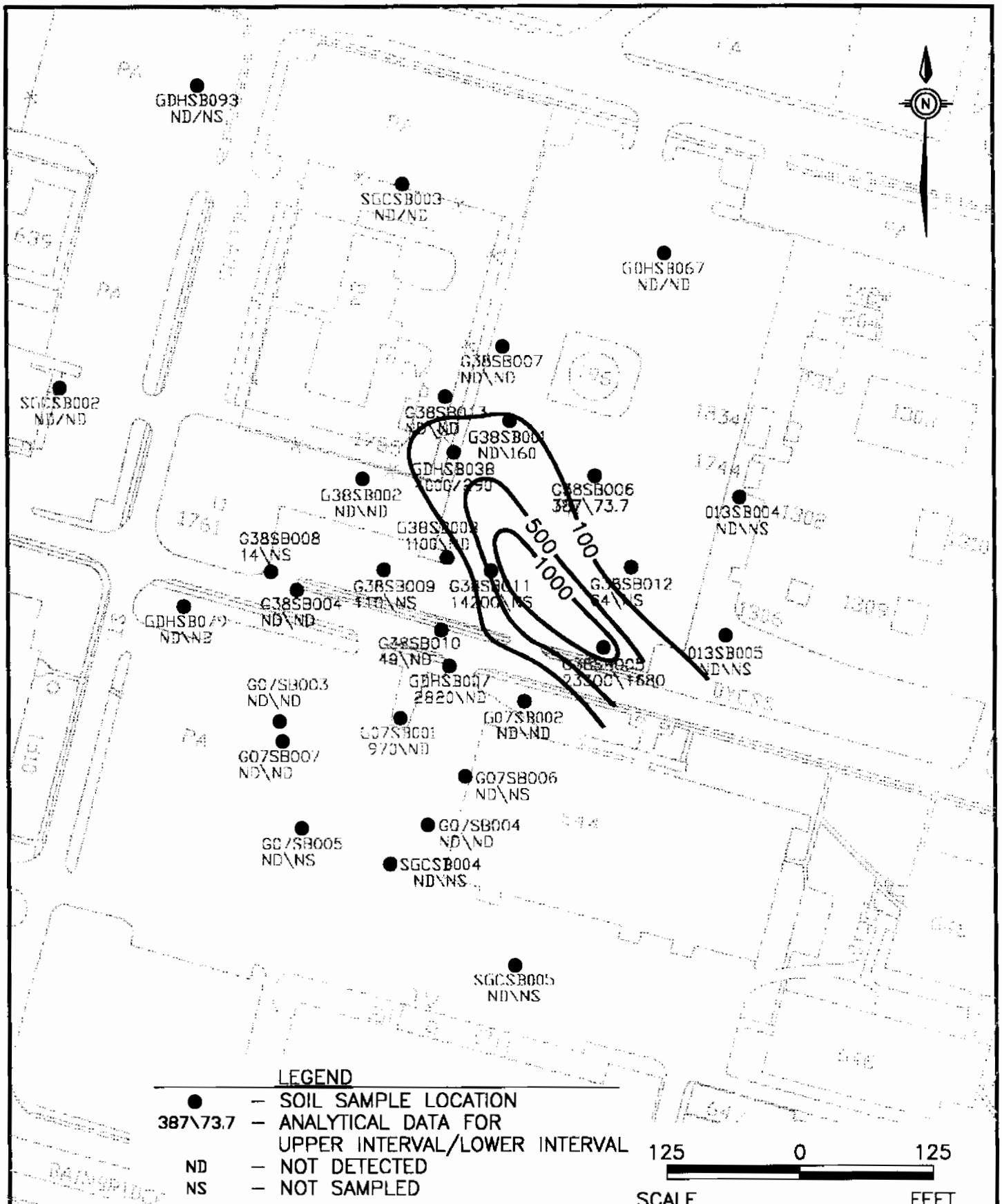

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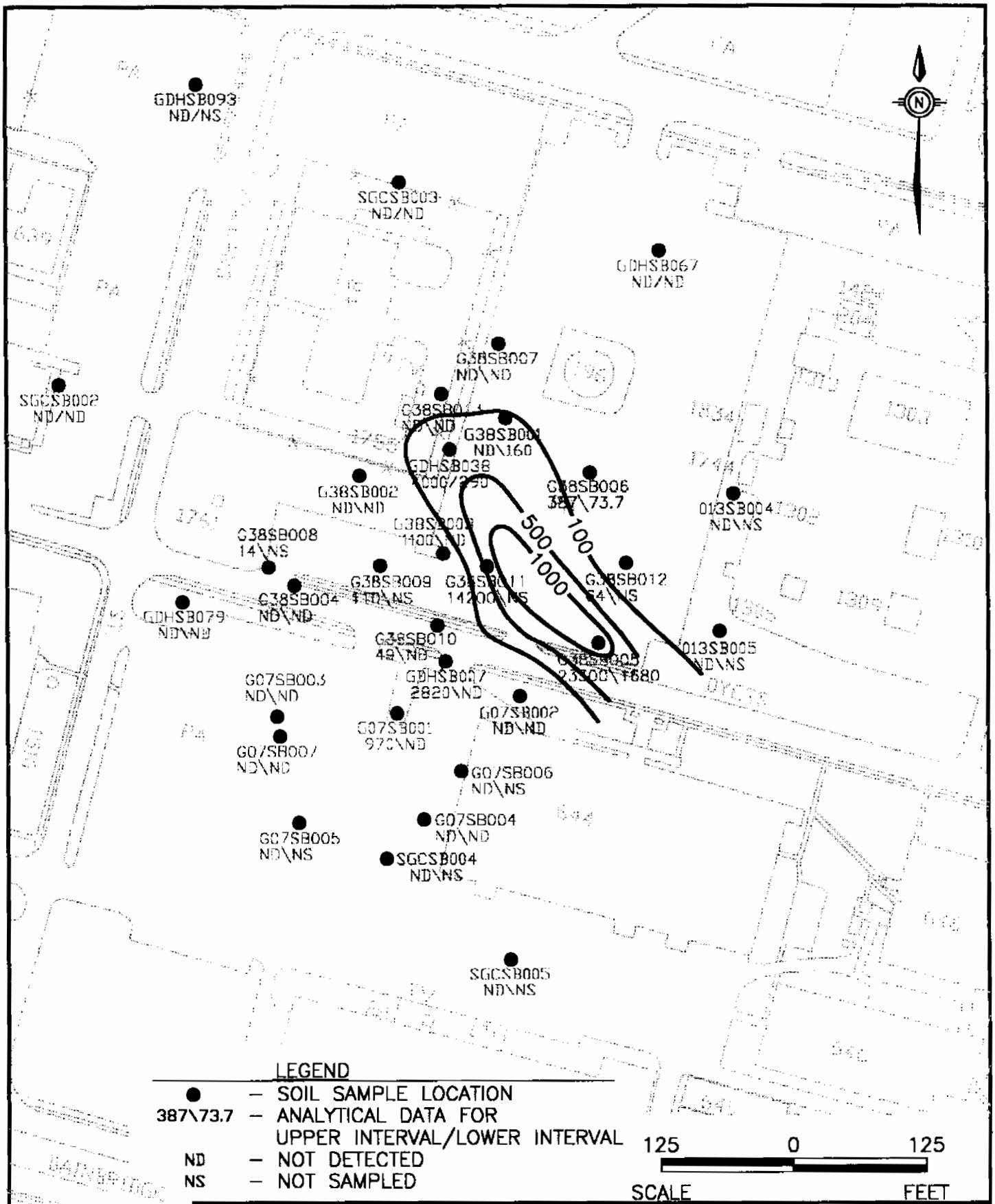

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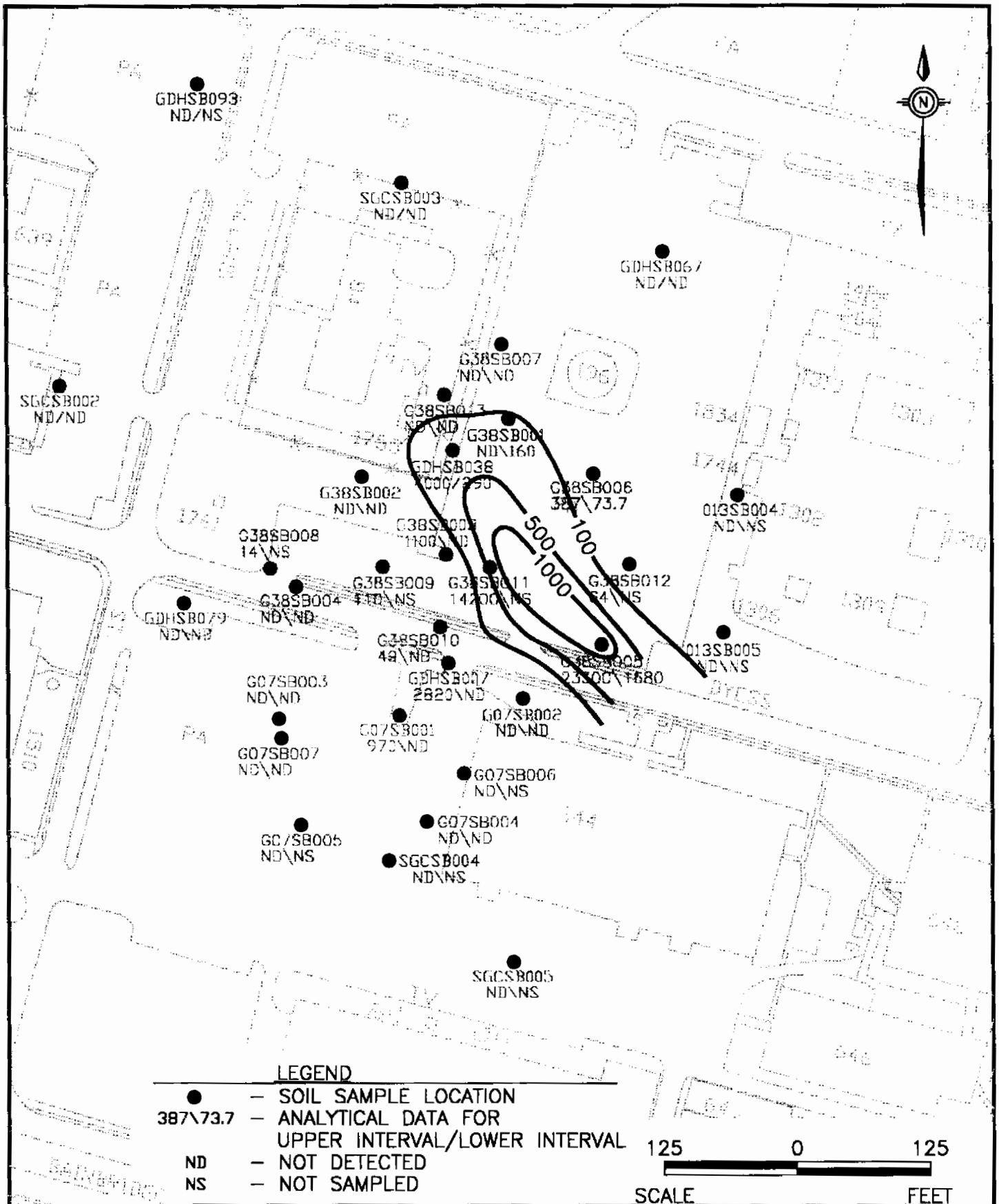

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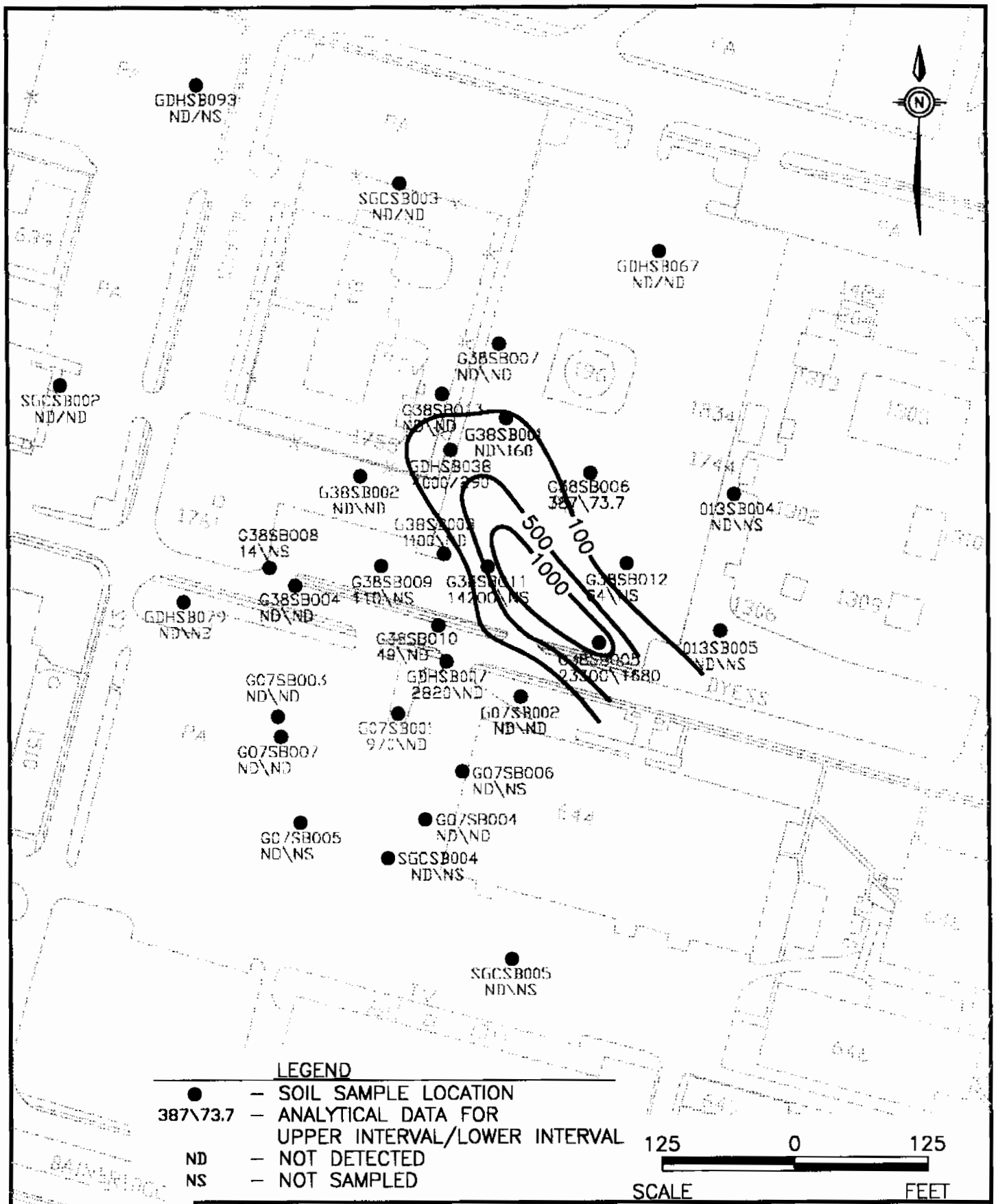

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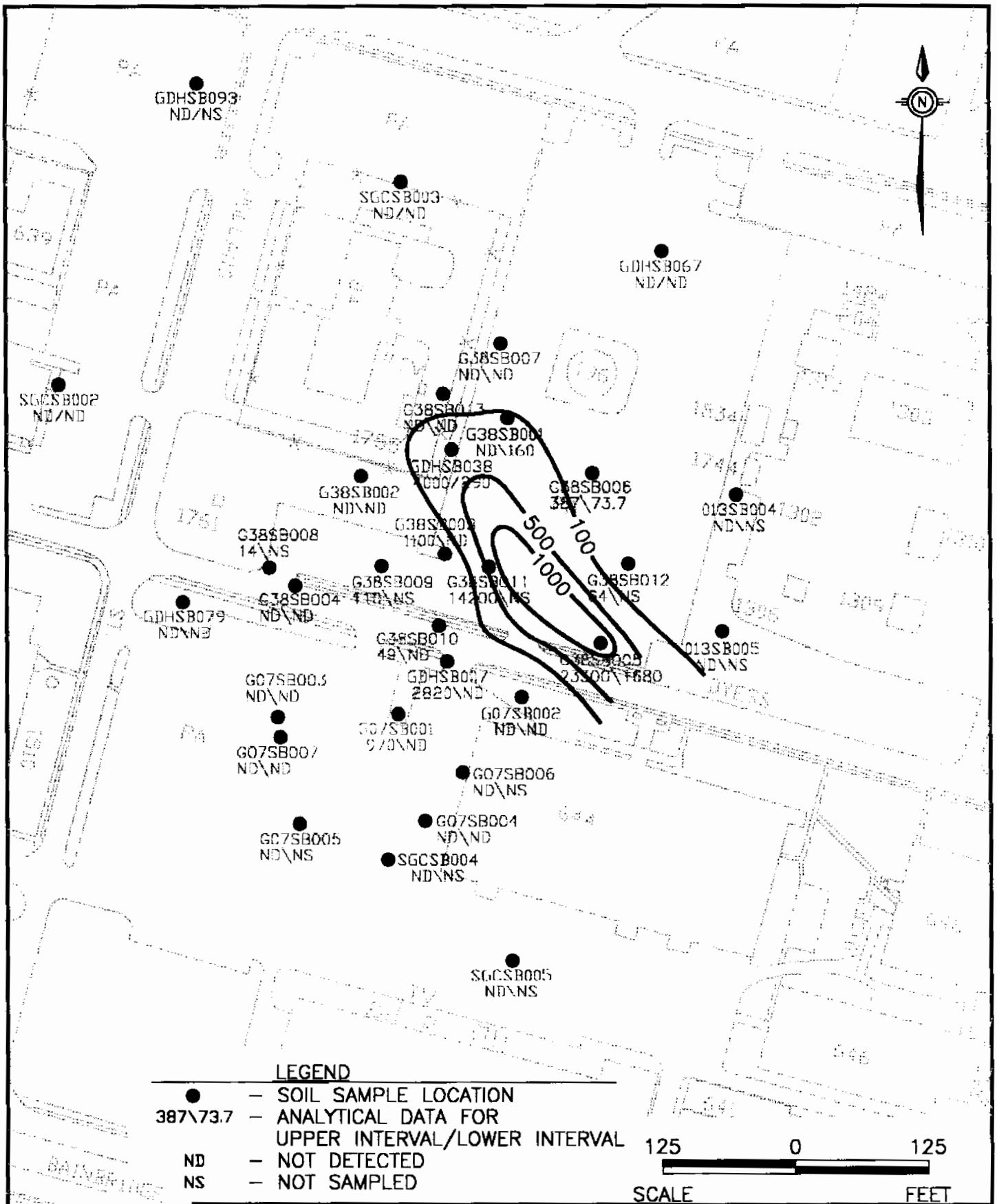

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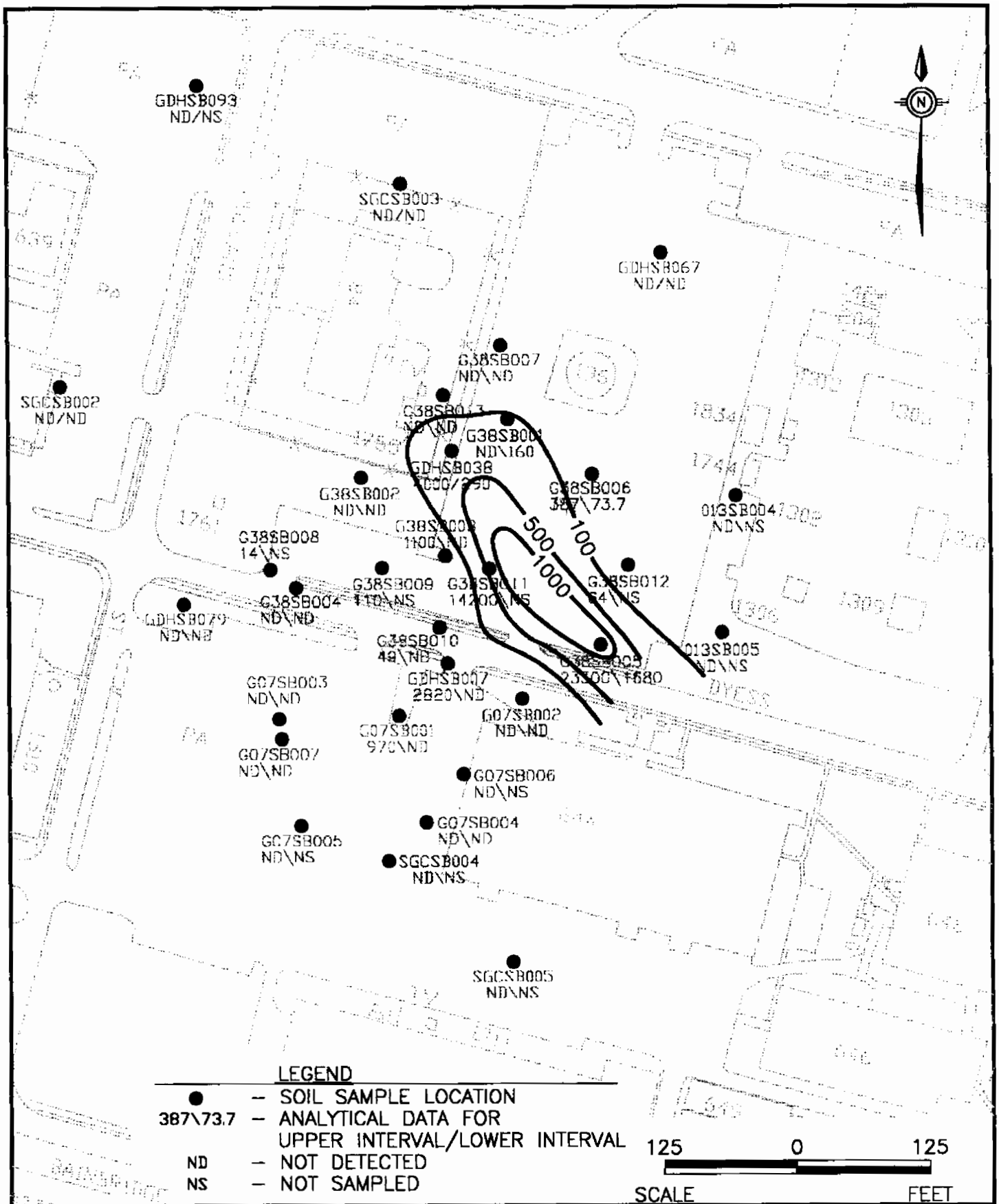

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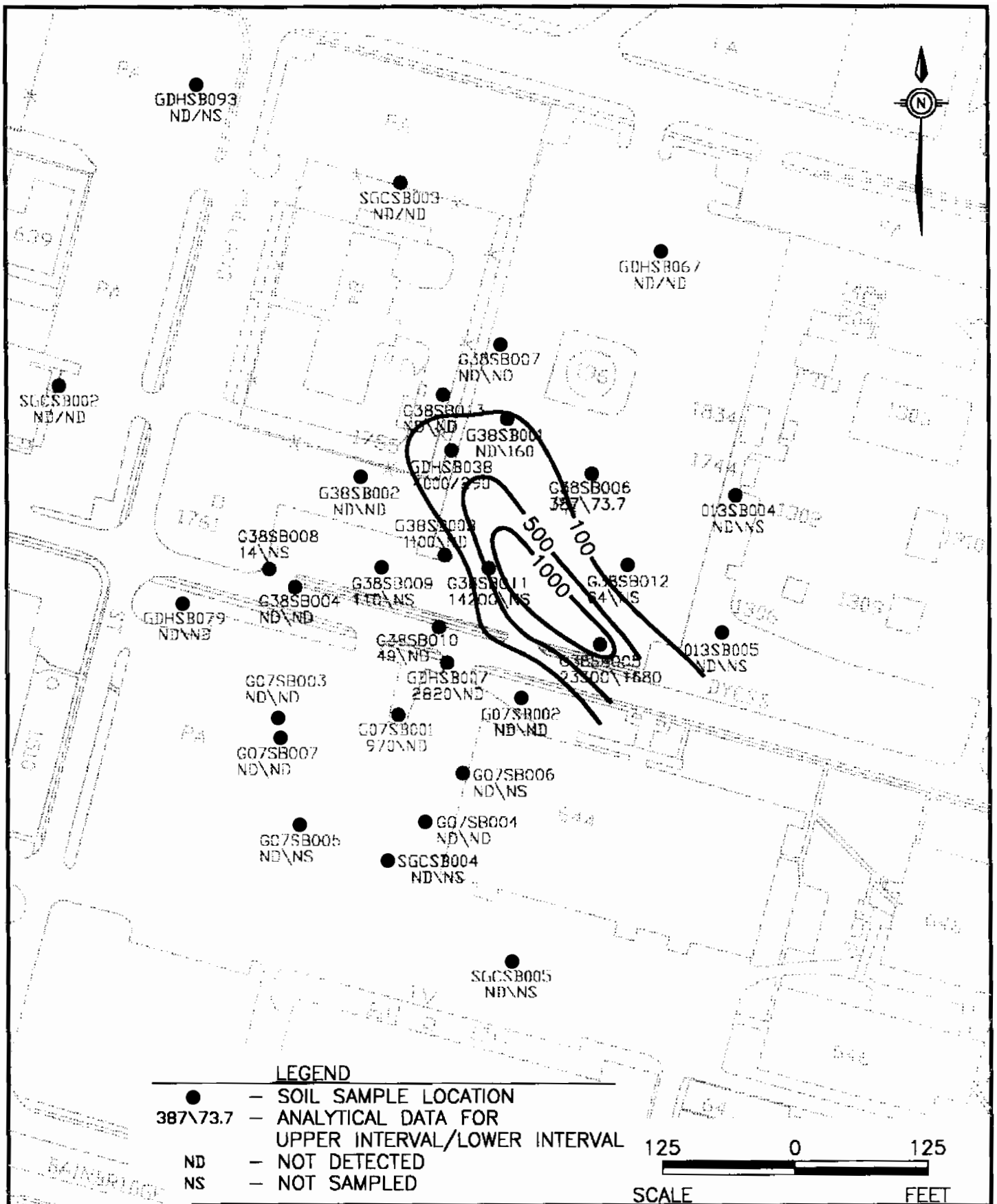

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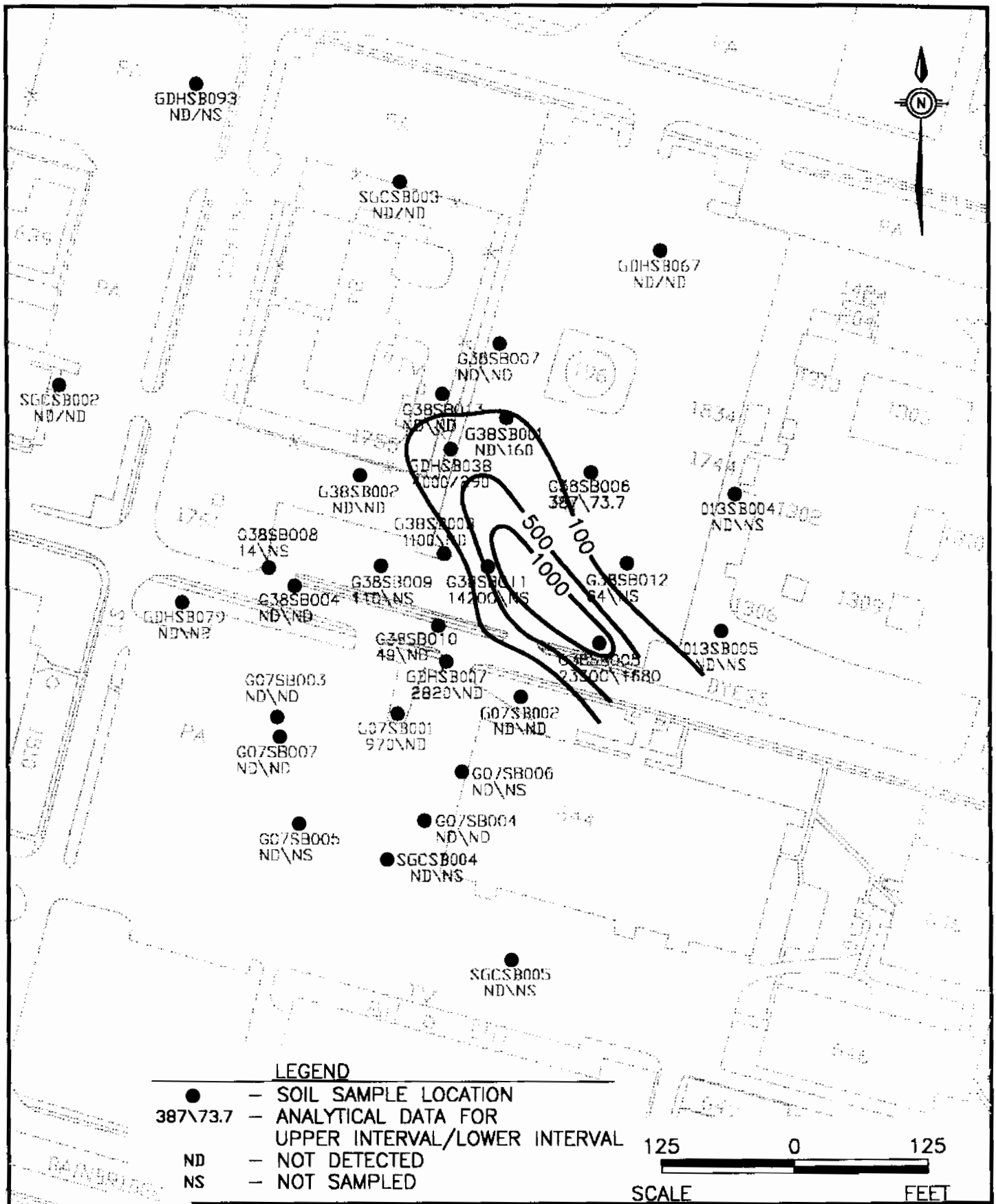

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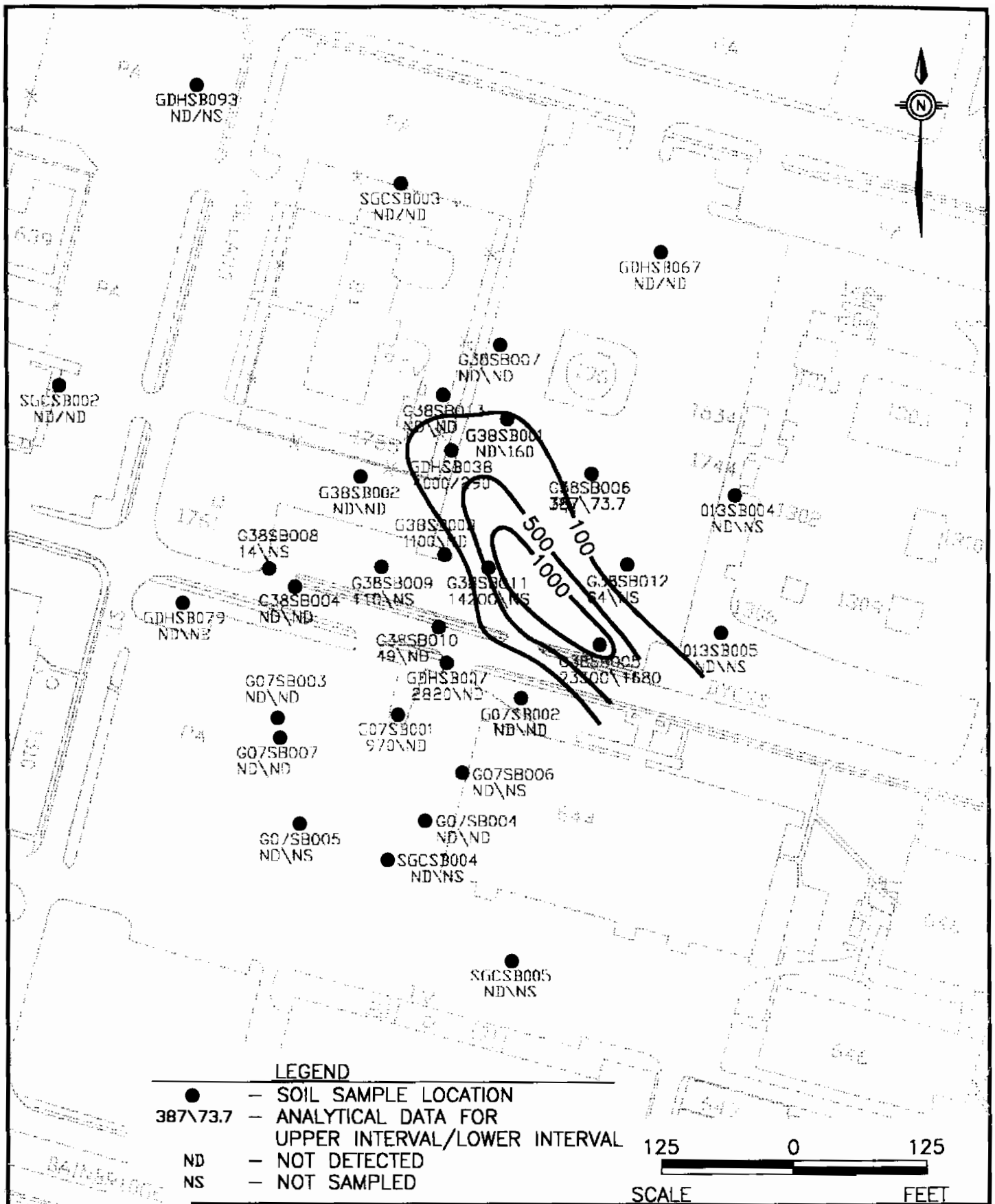

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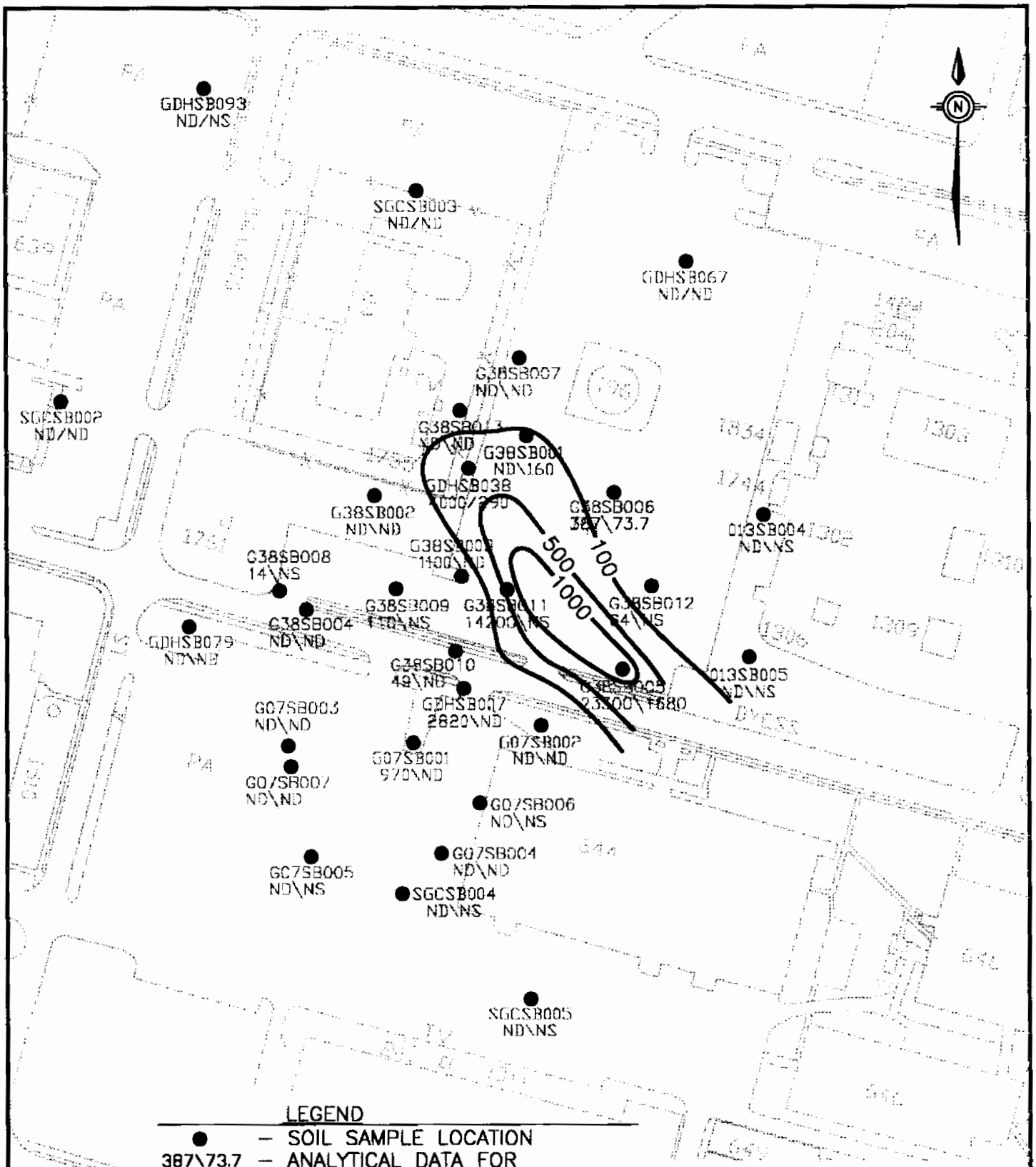

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125 0 125

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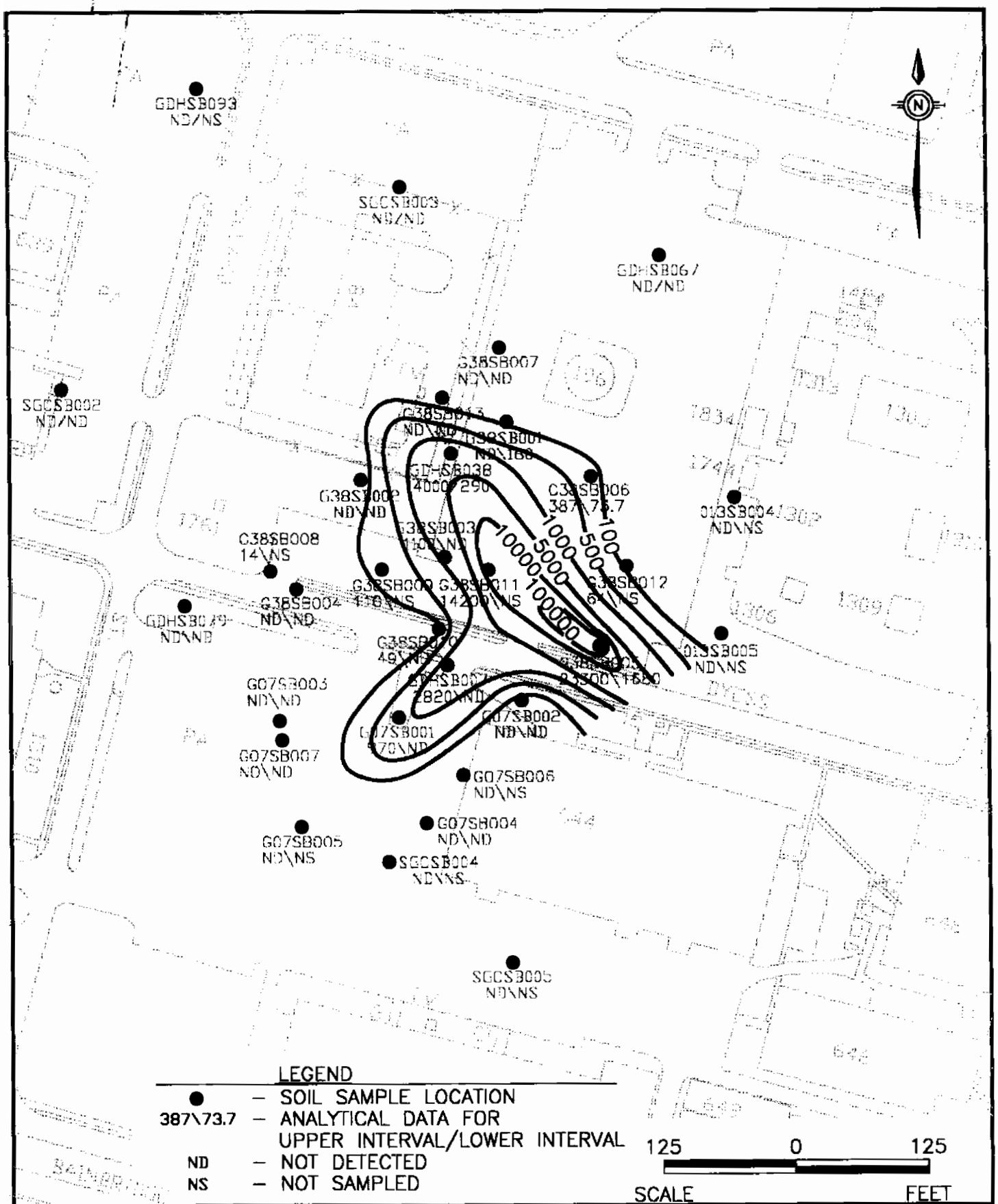

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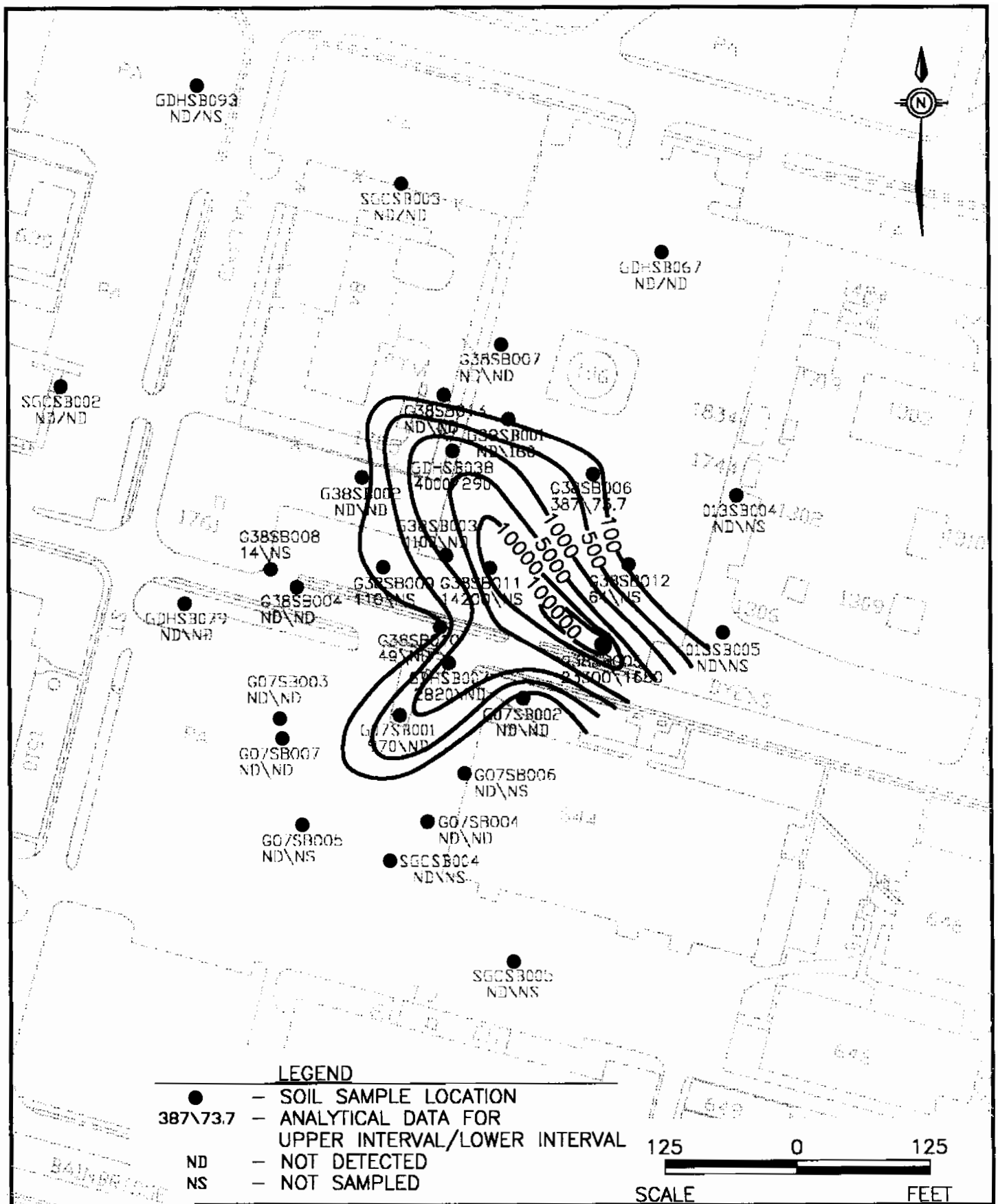

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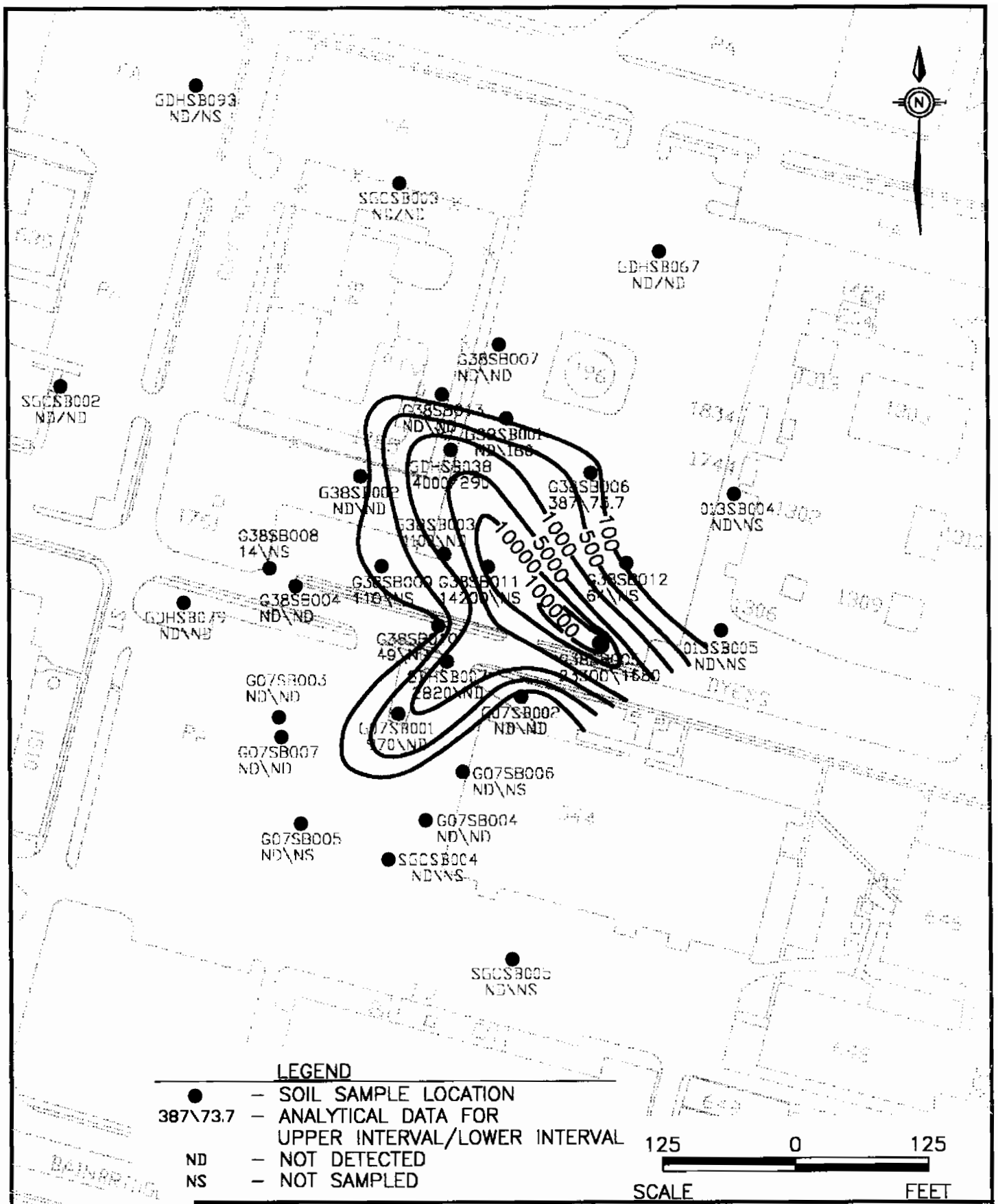

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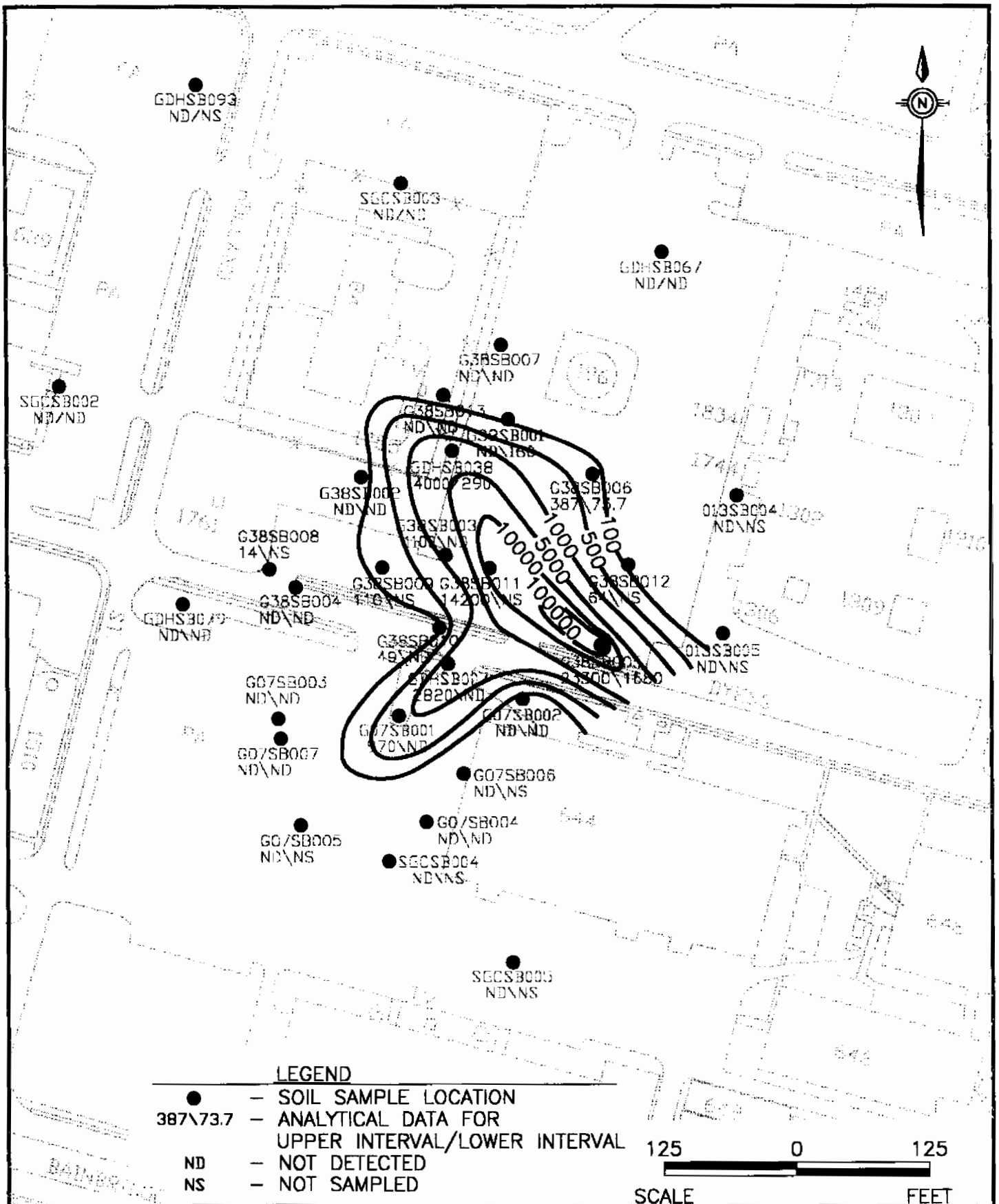

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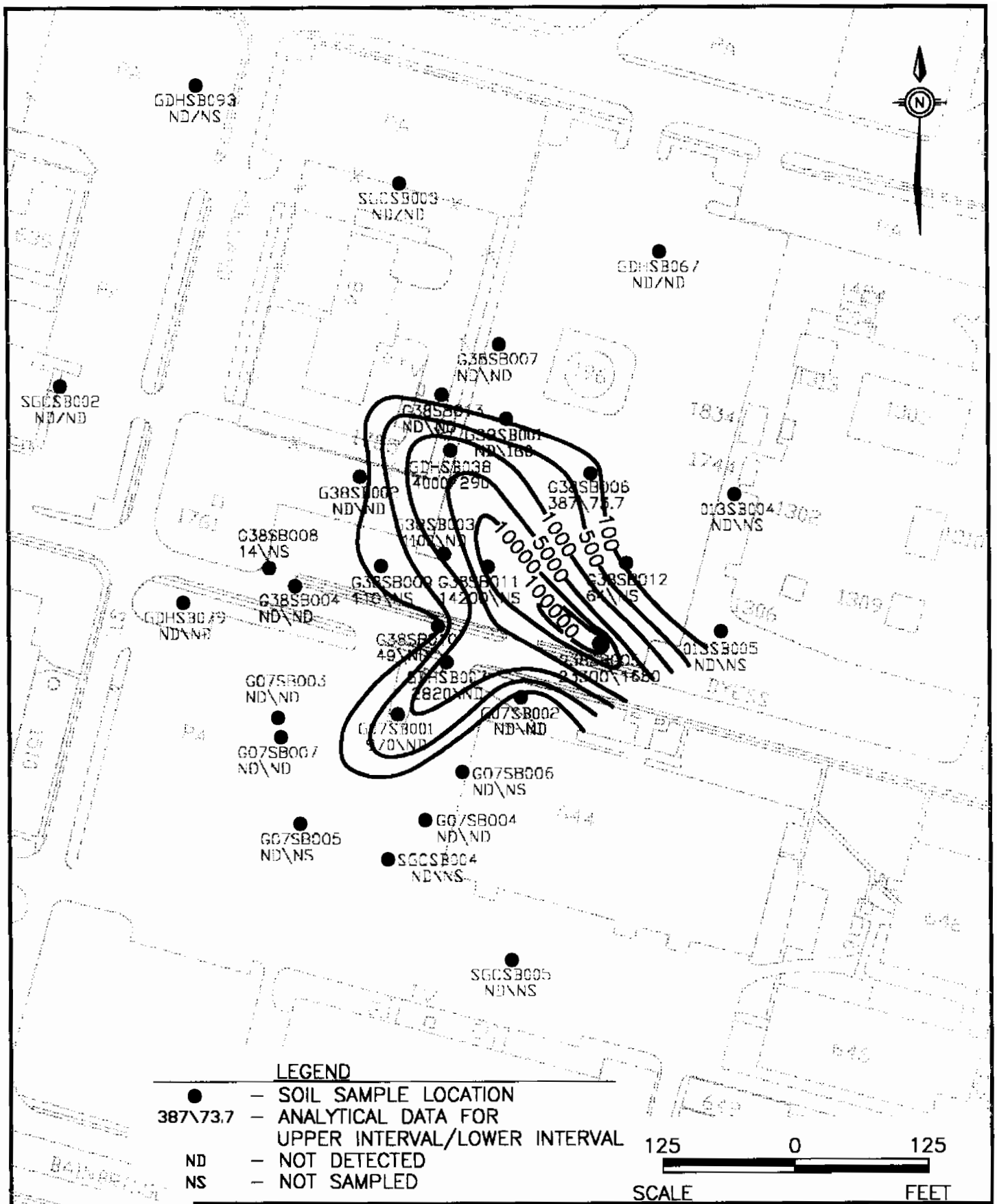

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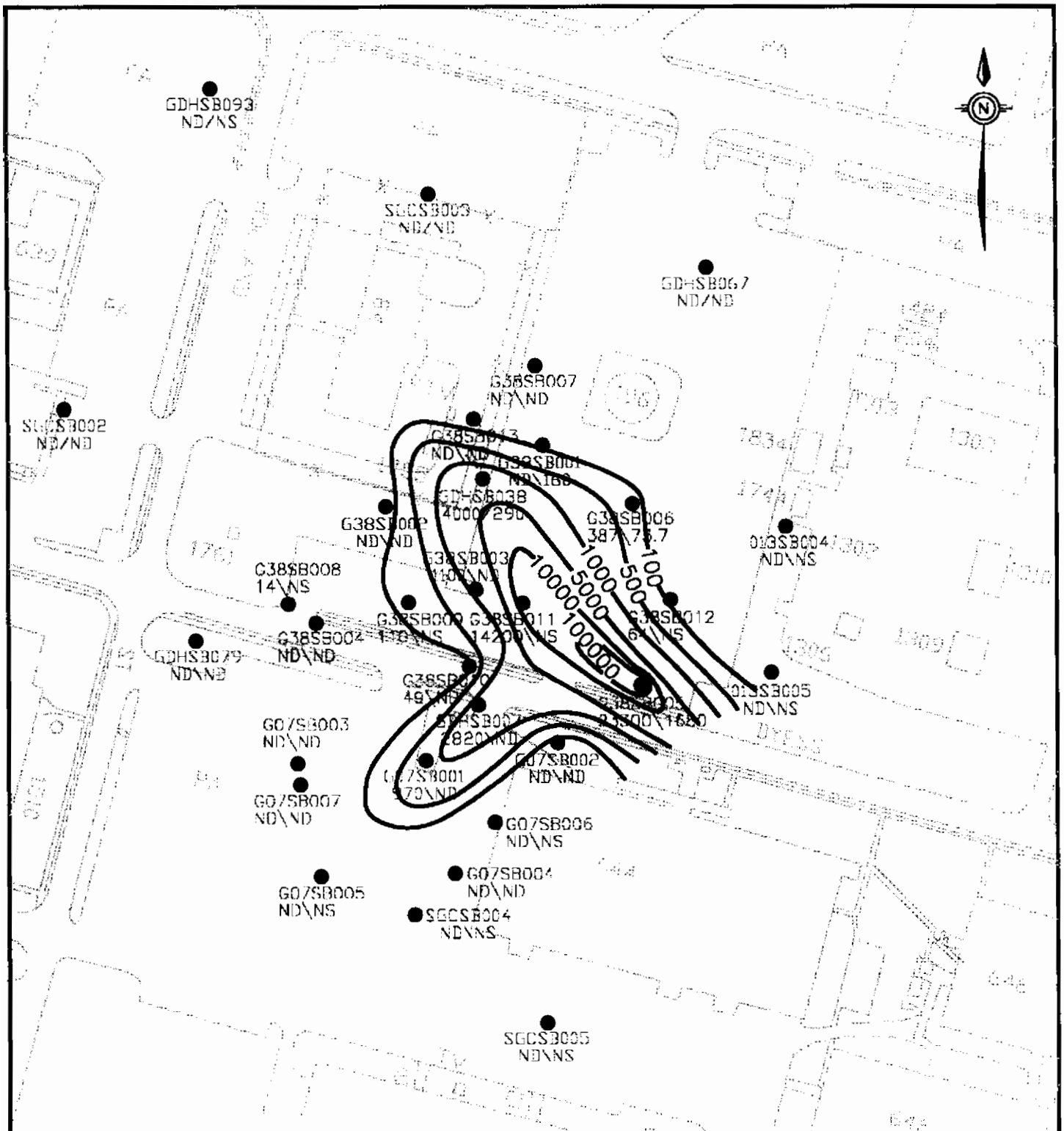

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125 0 125

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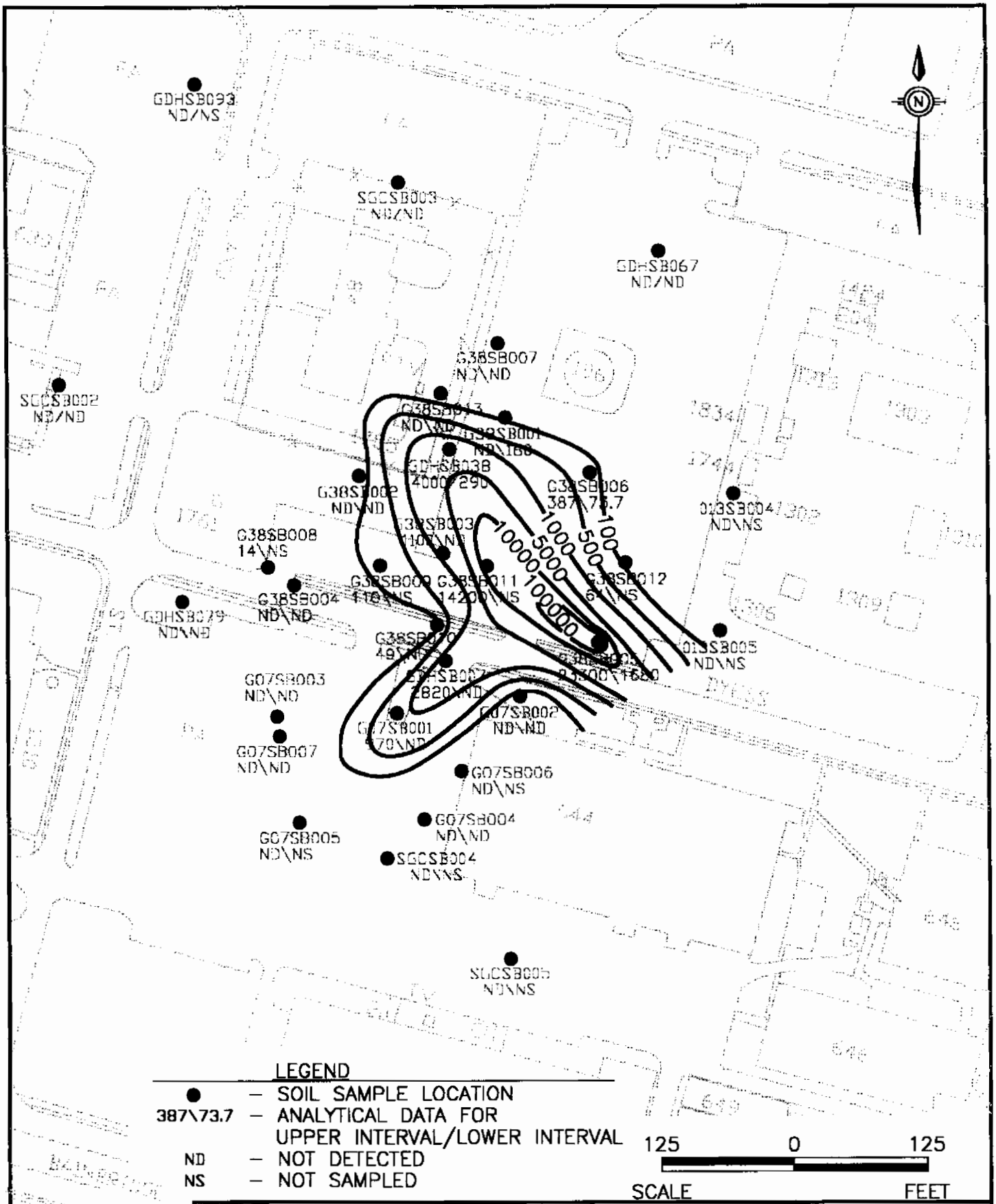

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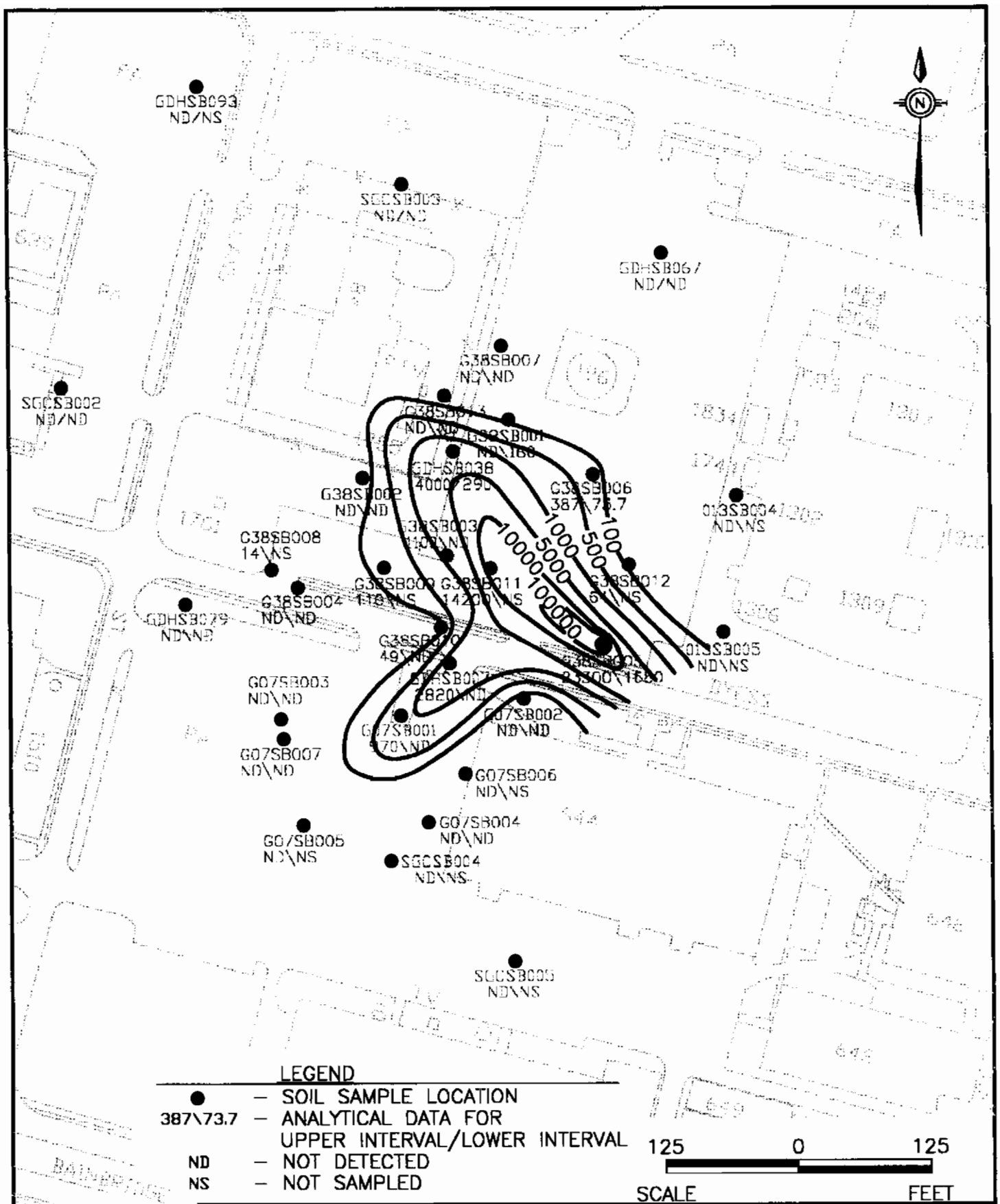

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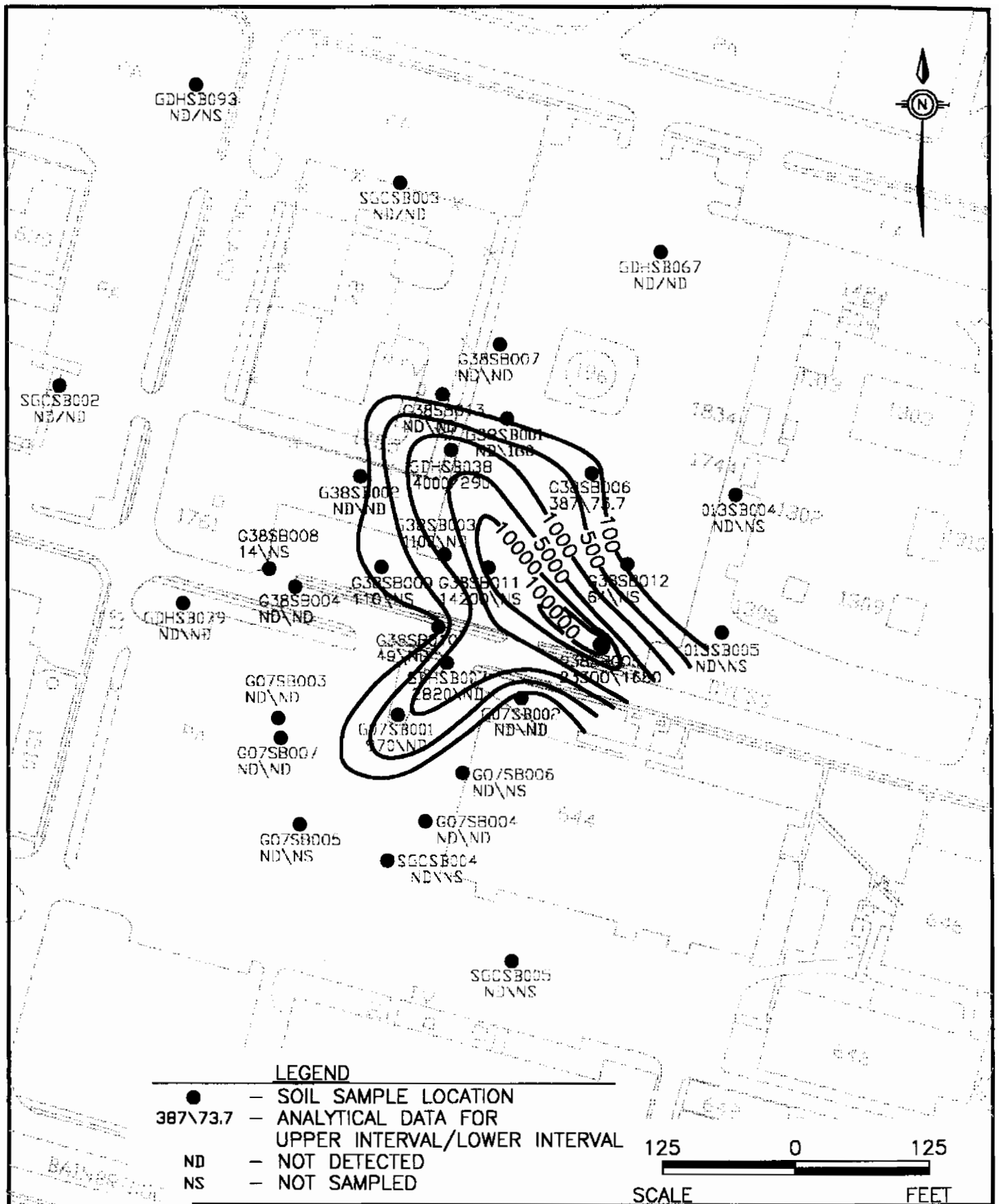

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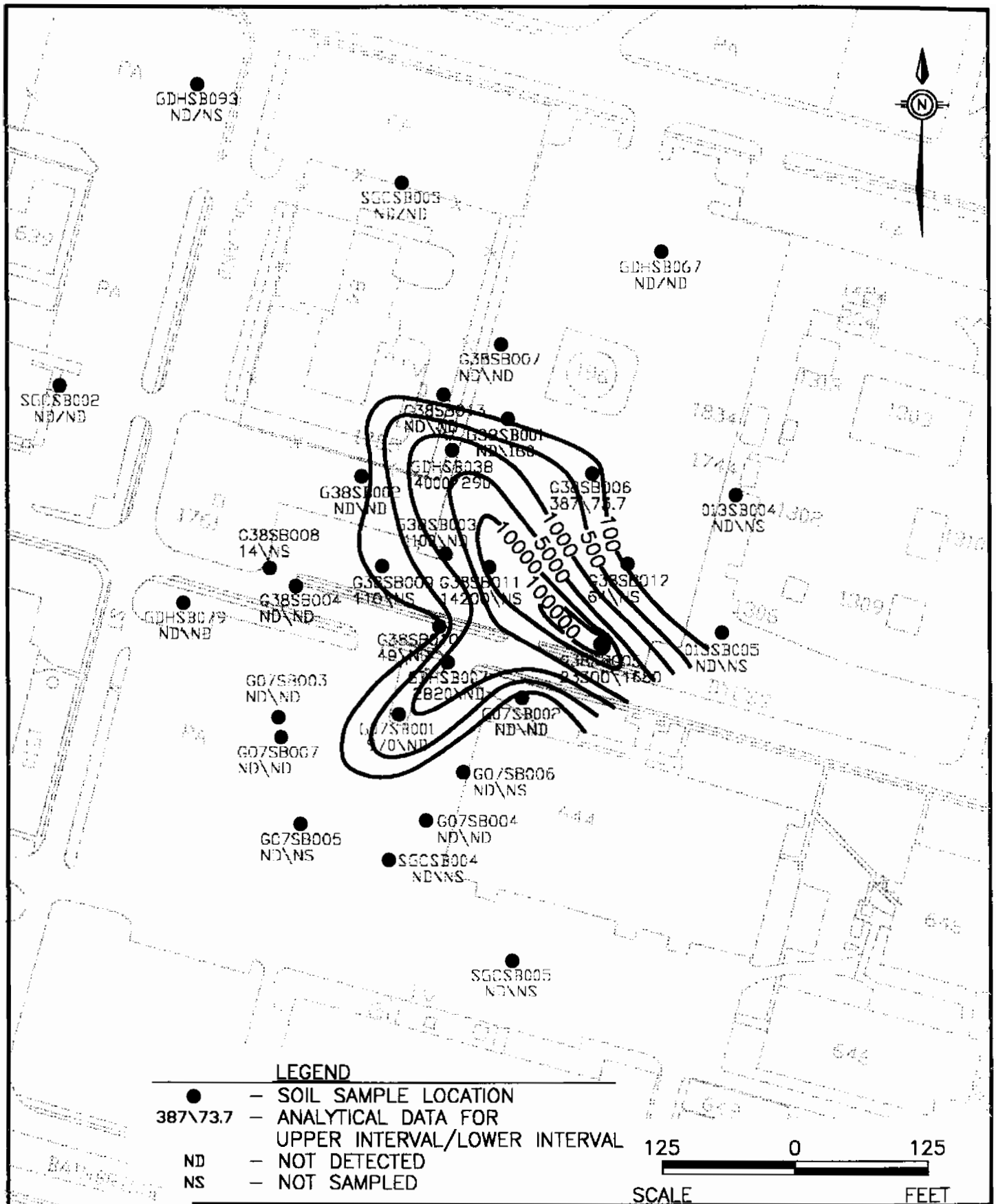

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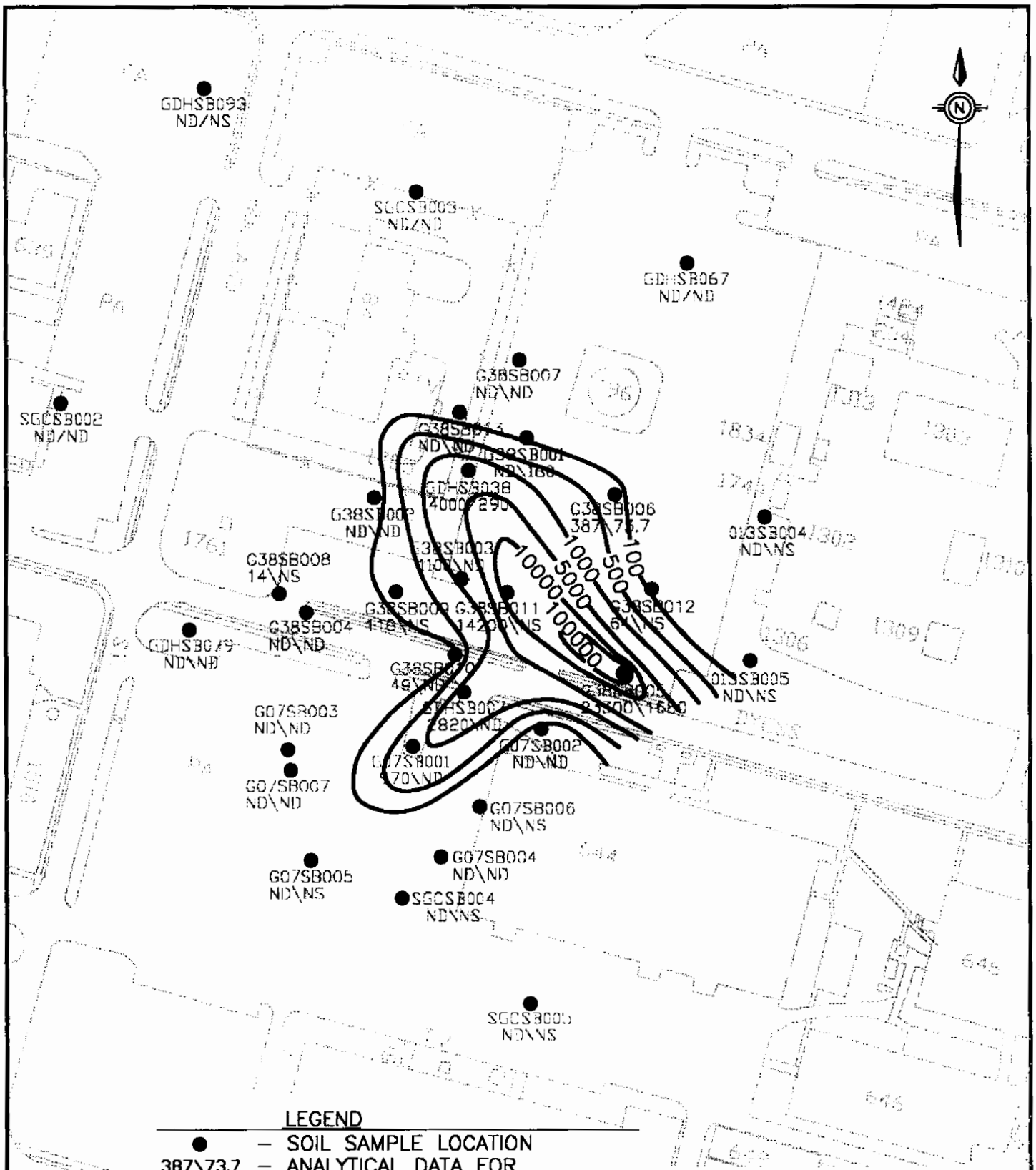

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ADDENDUM
NAVAL BASE CHARLESTON

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Prepared for:

Department of the Navy
Southern Division
Naval Facilities Engineering Command
Charleston, South Carolina

Prepared by:

EnSafe/Allen & Hoshall
5720 Summer Trees Drive, Suite 8
Memphis, Tennessee 38134
(901) 383-9115

The Contractor, EnSafe/Allen & Hoshall, hereby certifies that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. N62467-89-D-0318 is complete, accurate, and complies with all requirements of the contract.

Date 10/1/97
Signature _____, P.G.
Name: Todd Haveckost
Title: Task Order Manager

September 30, 1997

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Acronym List

μg	Micrograms per Gram
AOC	Area of Concern
AST	Above Ground Storage Tank
BEQs	Benzo(a)pyrene Equivalents
bgs	Below Ground Surface
CMS	Corrective Measures Study
COPCs	Contaminants of Potential Concern
DET	Environmental Detachment
DPT	Direct Push Technology
ILCR	Incremental Lifetime Excess Cancer Risk
MCLs	Maximum Contaminant Levels
NAVBASE	Naval Base Charleston
NFA	No Further Action
QA/QC	Quality Assurance/Quality Control
RBC	Risk-Based Concentration
RCRA	Resource Conservation and Recovery Information System
RFA	RCRA Facilities Assessment
RFI	RCRA Facilities Investigation
SAA	Satellite Accumulation Area
SCDHEC	South Carolina Department of Health and Environmental Control
SWMU	Solid Waste Management Unit
USEPA	United States Environmental Protection Agency
UXO	Unexploded Ordnance
VOC	Volatile Organic Compounds

Addendum

to the

Final RCRA Facility Investigation Report

for Zone H

Naval Base Charleston

The *Draft Zone H RFI Report*, originally submitted in October 1994, was conditionally approved by the South Carolina Department of Health and Environmental Control (SCDHEC) on August 28, 1997. The process of resolving regulatory comments pertaining to the draft report involved revisions to the document and the collection of additional samples at four sites identified as AOC 659, Diesel Storage at Building 14; AOC 661, Explosives Storage; AOC 665, Pyrotechnic Storage, Building 159; and, AOC 667 and SWMU 138, Vehicle Maintenance Area and Satellite Accumulation Area (SAA). The supplemental sampling event could have further delayed the submittal of the entire Zone H report; however, the Naval Base Charleston (NAVBASE) project team agreed by consensus to proceed with submittal of the report and prepare an addendum when the data for the four sites became available. A summary of the results of all four quarters of groundwater data for the Zone H monitoring wells was also required to be submitted with the addendum as a condition of approval of the report.

The site specific discussions included in this addendum are not intended to replace the information provided in the RFI report, but rather to supplement the report. In combination, the information contained in the report and the addendum are intended to satisfy the requirements of permit condition IV.C.6 of the RCRA permit. Some information presented in the report is duplicated in this addendum to provide the reader with historical information essential to understanding the chain of events to date. Each site specific section provides information regarding the site's description and history, reason for data collection, type and location of sample collection, results of sample analysis, and conclusions with recommendation for no further action (NFA) or inclusion in the corrective measures study (CMS).

1.0 AOC 659, DIESEL STORAGE, BUILDING 14

1.1 Site Description and RFI History

AOC 659 is the former site of a 30,000-gallon steel above ground storage tank (AST) used to store diesel fuel from 1958 to 1990. The tank location, between Hobson and Dyess Avenues, was surrounded by a 5-foot-high earthen berm. The tank was removed by the Charleston Environmental Detachment (DET) in February 1997; the closure will be described in a report prepared by the DET.

Section 4.14 of the Zone H RFI Report describes the initial RFI activities during which 4 soil borings were installed around the AST with the intent of determining whether a release from the tank had occurred. The complete set of analytical data from the initial AOC 659 sampling event is provided in Appendix A. Figure A.1.1 identifies the sample locations from the initial sampling event. A formal baseline risk assessment was not performed at the site because no contaminants of potential concern (COPCs) were identified during the risk screening process. This information is summarized in Section 6.2.10 of the *Zone H RFI Report*.

As per the *Final Zone H RFI Work Plan*, the initial scope of work did not include groundwater sampling. However, following review of the July 5, 1996, draft of the RFI report, concerns were raised by members of the project team that two methylene chloride detections (264 μg/kg and 328 μg/kg) were reported in subsurface soil at concentrations exceeding the generic soil-to-groundwater screening concentration for methylene chloride (10 μg/kg). The presence of methylene chloride was suspected to be an artifact of the laboratory analysis process; however, a review of the quality assurance/quality control (QA/QC) samples associated with the soil samples was unable to verify that suspicion.

1.2 Investigative Action

The project team agreed by consensus to collect two groundwater screening samples by direct push

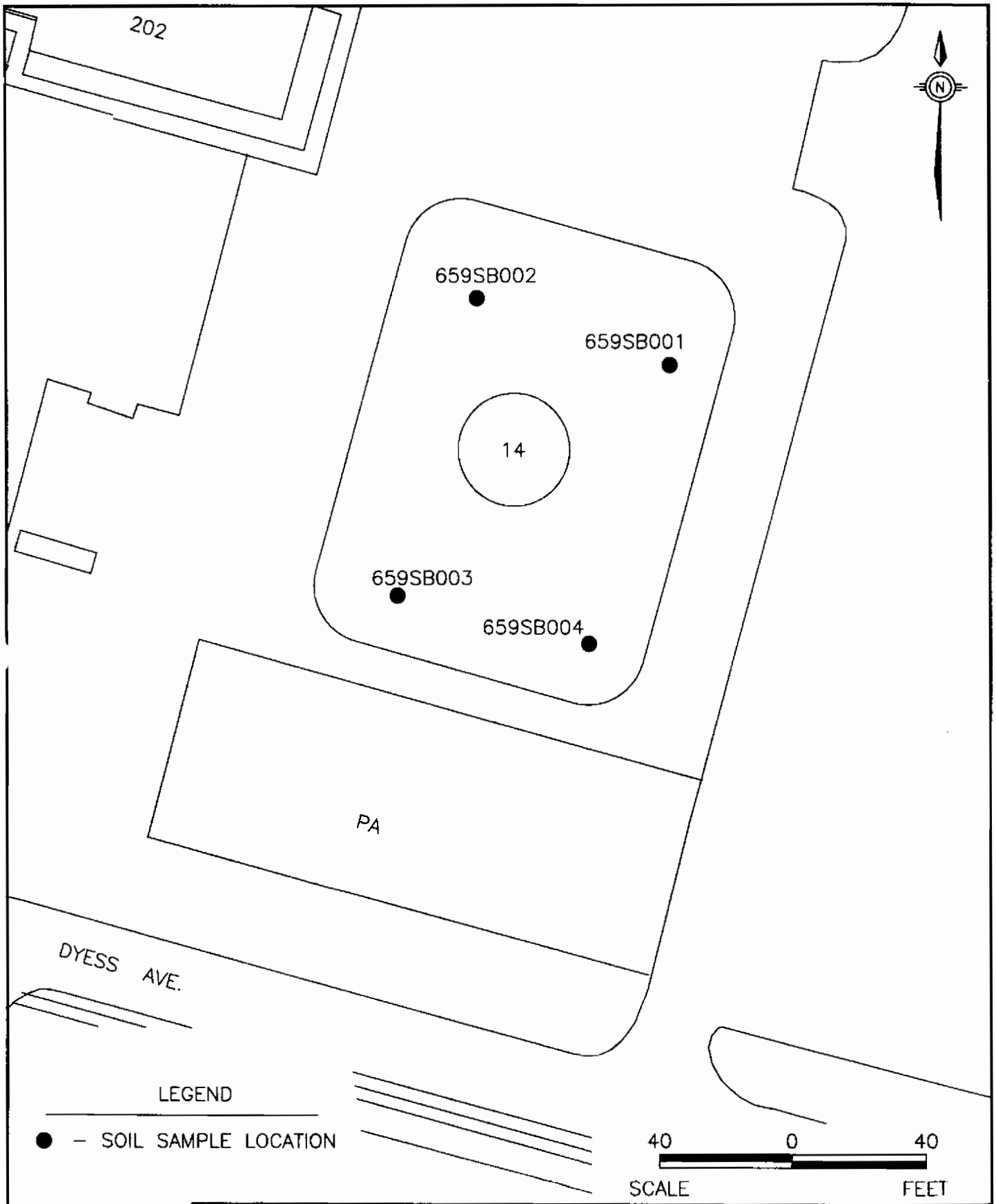

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FIGURE A.1.1
AOC 659
SOIL SAMPLE LOCATION MAP

DWG DATE: 09/25/97 | DWG NAME: 2908FA11

technology (DPT) within the bermed area. Samples were to be analyzed for volatile organic compounds (VOCs) only. Figure A.1.2 identifies the DPT locations. Samples were collected from a depth of approximately 15 feet below ground surface (bgs) which generally corresponds with the top of a marsh clay layer considered to be a confining unit in areas where it is continuous. Samples were submitted to a SCDHEC certified laboratory for volatile organic compound analysis.

1.3 Investigative Results

Analytical results for the samples (659-G-P001-15 and 650-G-P002-15) are included in Appendix A. Upon receipt, the data was subjected to a usability assessment which included a review of holding times, associated blank results, detection limits, etc. The review of the data showed both the trip blank and the method blank to have a detection of acetone at a concentration of 2μg/l. There were no other compounds detected in the blank analyses for the AOC 659 area samples and acetone was not detected in either of the two temporary well samples. No other problems were noted.

No other VOCs, including methylene chloride, were detected in either sample. Benzene was detected in sample 659-G-P001-15 at a concentration of 4 μg/L which is below it's maximum contaminant level of 5 μg/L. Benzene was not detected in soil at any of the four locations where soil was sampled during the initial RFI.

1.4 Conclusions

The concentrations of methylene chloride reported in soil appear to be protective of groundwater since none was detected in either of the groundwater samples. The presence of benzene suggests that a minor petroleum release from the AST or associated piping has occurred. Since corrective action in the form of a tank removal has already been conducted under the petroleum program, further assessment of the benzene contamination appears to be more appropriately handled under that regulatory program as well. This site is recommended for transfer to the UST program.

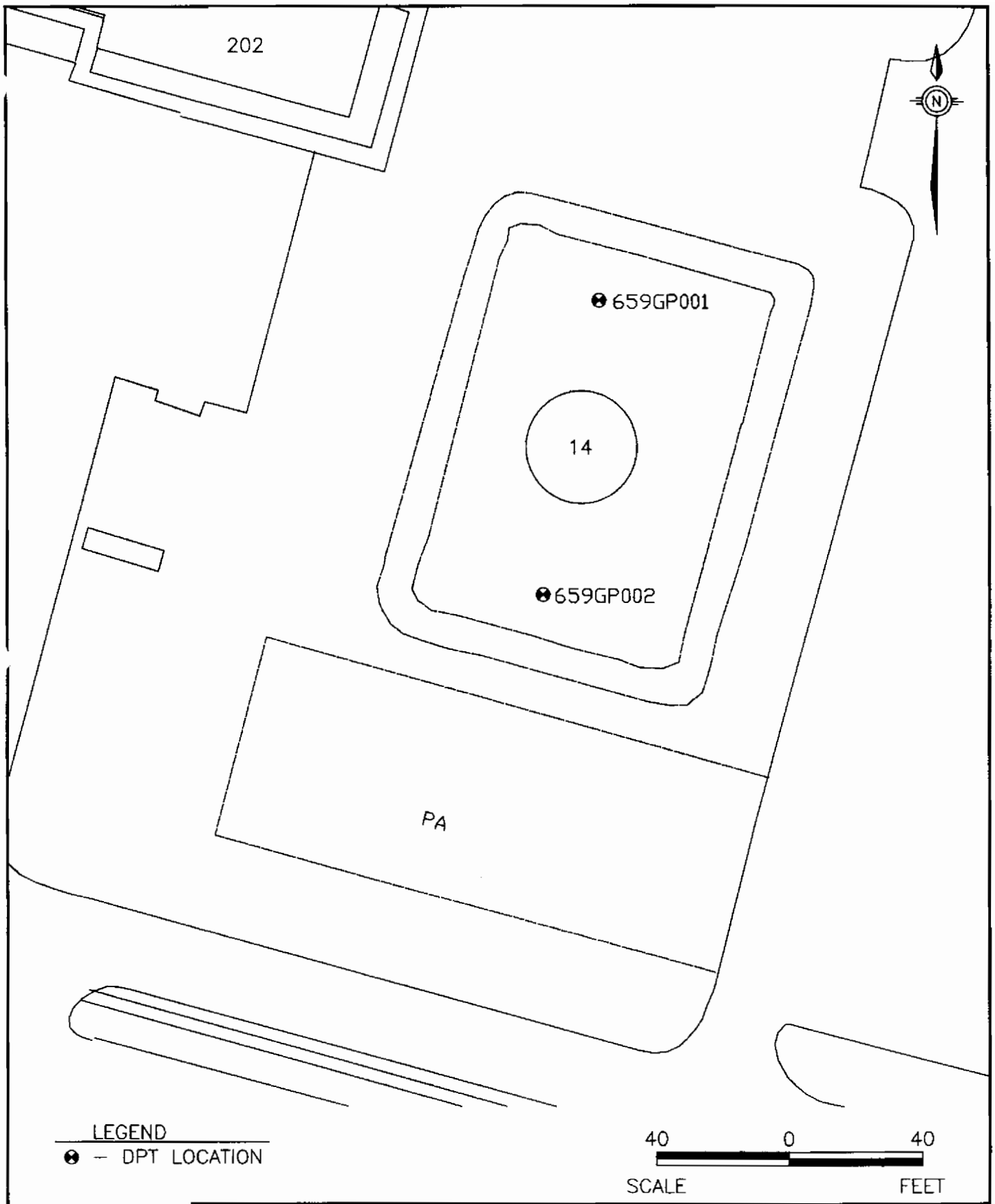

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FIGURE A.1.2
AOC 659
DPT LOCATION MAP

DWG DATE: 09/25/97 | DWG NAME: 2908AOC2

2.0 AOC 661, EXPLOSIVES STORAGE

2.1 Site Description and RFI History

AOC 661 is the site of a former shed reportedly used for the storage of explosives during the 1950s; it was located at the southeast corner of the former sea plane runway. Currently, the former site of AOC 661 is a grassy area south of Building 601 and north of Building 675 (Figure A-2). Little information exists regarding the historical operation of the site and no information was located suggesting a release or disposal had ever occurred at the site. The shed was identified as an area of concern during the RCRA Facility Assessment (RFA) process solely on the basis of the facility name as it appeared on the legend of a historic base map.

Initially, sampling at the site was deferred pending completion of an unexploded ordnance (UXO) survey by the DET. The DET's review of historical maps and aerial photographs of the AOC 661 area revealed the following:

The explosive storage area was not shown on the Charleston Shipyard Map dated June 30, 1951.

An October 1952 aerial photograph does not show the explosive storage area on the asphalt-paved seaplane runway.

A June 30, 1953, Charleston Shipyard Map shows the explosive storage area at the southeast corner of the seaplane runway.

In April of 1956, a site demolition map was produced for removal of the seaplane runway.

A June 30, 1957, Charleston Shipyard Map indicates that the explosive storage shed was no longer on the southeast corner of the seaplane runway.

Aerial photographs from 1958 indicate the demolition of the seaplane runway in progress.

Upon further consideration of the site history (shed was formerly on pavement that has since been removed), the project team agreed by consensus that UXO clearance was not considered necessary and sample collection could proceed.

2.2 Investigative Action

Based on the apparent size of the building in which the explosives were stored, three soil borings were considered sufficient to determine whether a release occurred at the site. These samples were analyzed for explosives by U.S. EPA Method 8330. Figure A.2.1 identifies the former building and the soil sample locations.

2.3 Investigative Results

Analytical results for the samples (661-S-B001-01, 661-S-B002-01, and 661-S-B003-01) are included in Appendix B. The data was subjected to a general usability assessment as described in Section 1.3 above and no problems were identified. No explosive compounds were detected at any of the sample locations.

2.4 Conclusions

No further action is recommended for AOC 661.

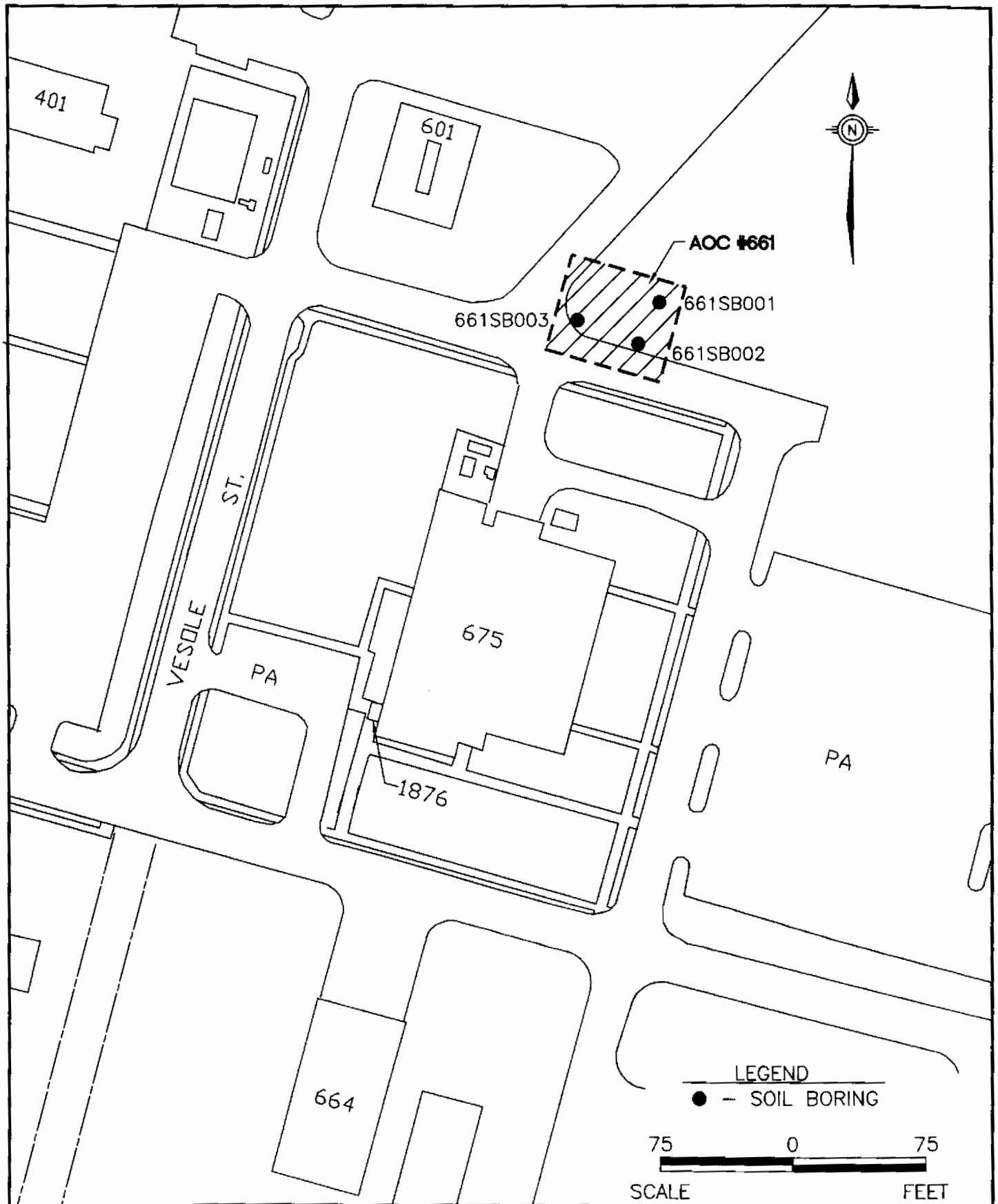

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FIGURE A.2.1
AOC #661
SOIL SAMPLE LOCATION MAP

DWG DATE: 09/25/97 | DWG NAME: 2908SSLM

3.0 AOC 665, PYROTECHNIC STORAGE, BUILDING 159

3.1 Site Description and RFI History

AOC 665 is the site of a former shed reportedly used to store unknown pyrotechnic explosives from 1943 until its demolition at an unknown date. Similar to AOC 661, very little information exists regarding the historical operation of the site and no information was located suggesting a release or disposal had ever occurred at the site. The shed was identified as an area of concern during the RFA process solely on the basis of the facility name as it appeared on the legend of a historic base map. Currently, an asphalt parking lot in the vicinity of Buildings 1889 and NS-46 exists where the pyrotechnic shed was located.

Section 4.18 of the *Final Zone H RFI Report* describes the initial RFI activities when soil samples were collected from 4 borings. The initial borings, 665SB001 through 665SB004, are depicted on Figure A.3.1. The analytical data for these samples is included in Appendix C. As indicated in the human health risk assessment for AOC 665, Section 6.2.14 of the Zone H RFI Report, multiple compounds were detected at the site but only benzo(a)pyrene equivalents (BEQs) were identified as a COPC for formal evaluation. The human health risk assessment projected an ingestion related incremental lifetime excess cancer risk (ILCR) from surface soil was 1.7E-6, and the dermal pathway risk was 7.7E-7. BEQs were the only contributors with the maximum detection of 0.151 mg/kg detected at boring 665SB002. It should also be noted that this sample was collected just below an asphalt surface.

Upon review of the July 5, 1996, draft of the RFI report and historical maps, it became apparent that the former location of the shed was approximately 80 feet west of the location sampled during the initial phase of the RFI. Additional sampling necessary to complete the RFI is described below.

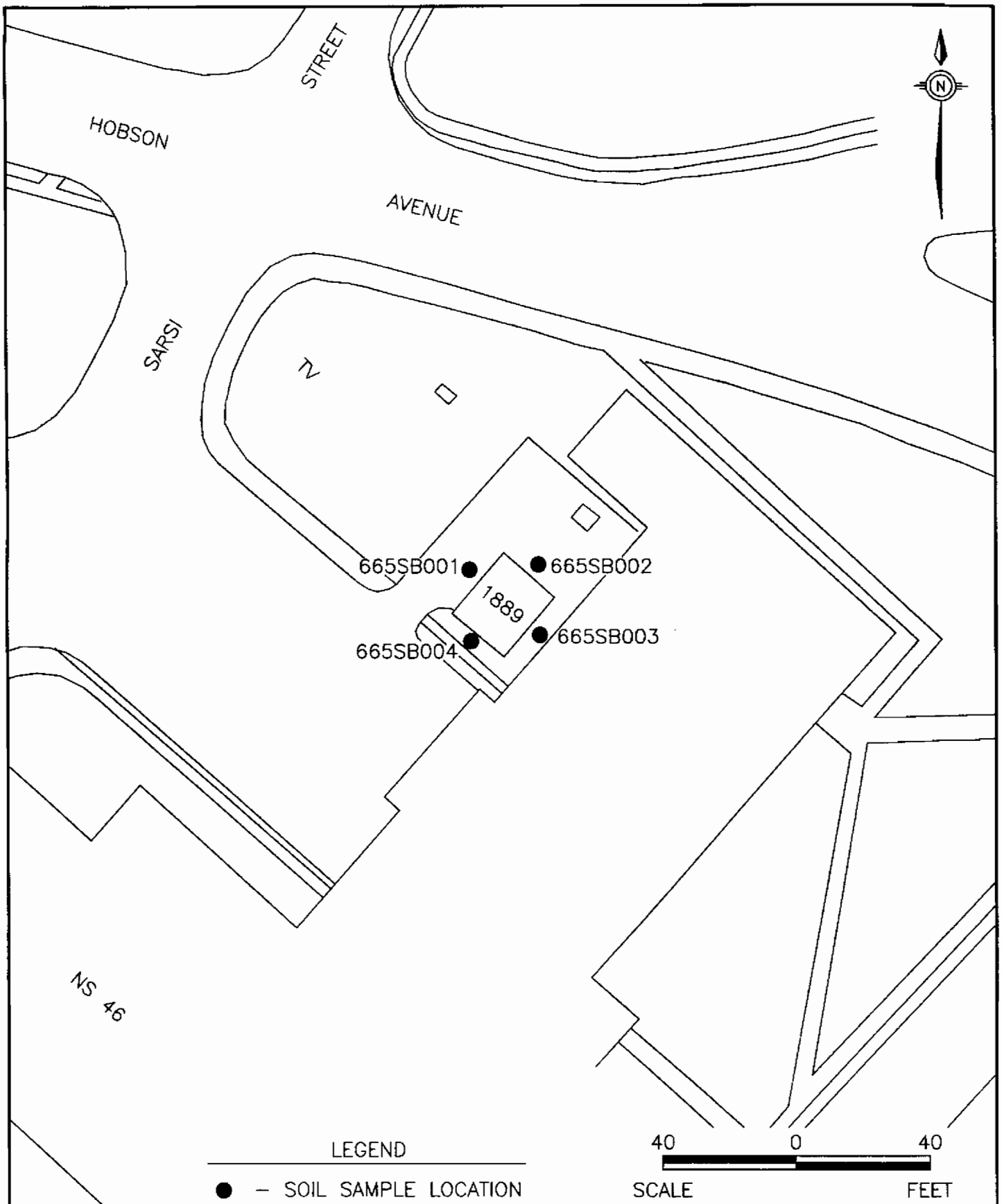

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FIGURE A.3.1
AOC 665
SOIL SAMPLE LOCATION MAP

DWG DATE: 09/25/97 | DWG NAME: 2908AF31

3.2 Investigative Action

The project team agreed by consensus to have 3 additional soil borings installed at the new location. Soil samples were collected from the 0-1' below ground surface (bgs) and 3-5' bgs intervals and analyzed for explosives and pyrotechnics by EPA Method 8330. The supplemental boring locations 665SB005 through 665SB007 are depicted on Figure A.3.2. Due to the shallow depth to groundwater, the subsurface soil sample was not collected at the 665SB006 location.

3.3 Investigative Results

No explosive or pyrotechnic compounds were detected at any of the sample locations. Analytical results for the samples are included in Appendix C. The data was subjected to a general usability assessment as described in Section 1.3 above and no problems were identified.

3.4 Conclusions

The risk associated with BEQs at the locations initially sampled only minimally exceeds the 1E-06 residential threshold and is at the lower extremity of the 1E-04 to 1E-06 risk range generally deemed acceptable by SCDHEC and the USEPA. Analysis of the supplemental samples was only performed for pyrotechnics and explosives since these compounds, if detected, would have been more indicative of a release associated with site activities. As mentioned above, no pyrotechnics or explosives were detected. No further investigation is planned for the AOC 665 area. The site is recommended for no further action.

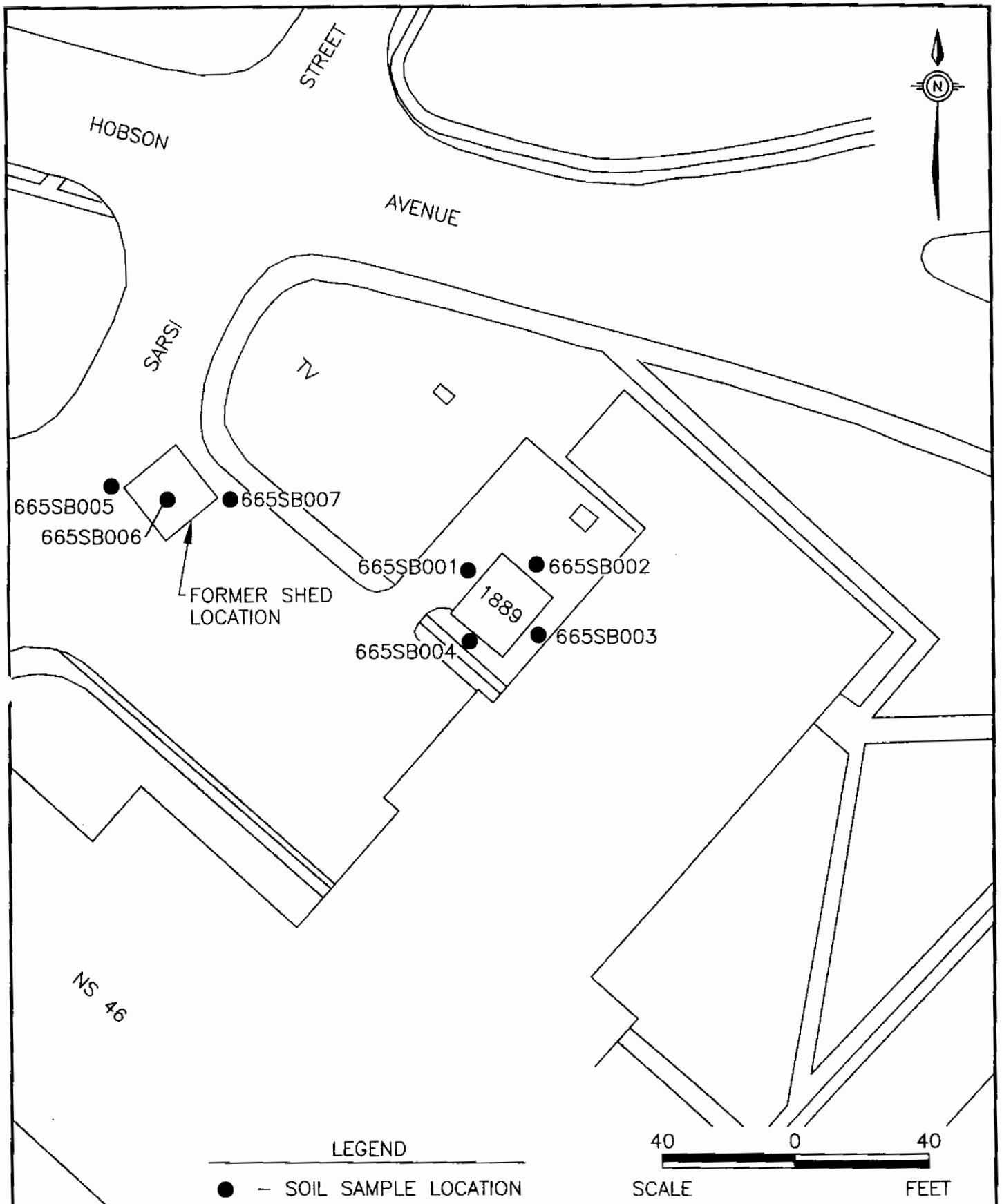

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FIGURE A.3.2
AOC 665
SOIL SAMPLE LOCATION MAP

DWG DATE: 09/25/97 | DWG NAME: 2908AF32

4.0 AOC 667 AND SWMU 138, VEHICLE MAINTENANCE AREA AND SATELLITE ACCUMULATION AREA

4.1 Site Description and RFI History

AOC 667 and SWMU 138, because of their proximity, were investigated together. AOC 667, the vehicle maintenance area, is a two-story brick structure (Building 1776) with an oil-water separator. The site was used for the routine maintenance of automobiles and heavy equipment, including oil changes and repairing hydraulic parts from the equipment. A 550-gallon portable waste oil storage tank was also commonly present at the site. SWMU 138, an SAA related to Building 1776, stored hazardous waste in 55-gallon drums which were then transferred to a permitted hazardous waste storage facility.

Soil and groundwater were sampled during the initial RFI activities at AOC 667 and SWMU 138 to determine if contamination if releases associated with petroleum product storage, via dispensing at the storage tank or through exfiltration around the oil-water separator, had occurred. Sample locations associated with the initial sampling effort are depicted in Figure A.4.1. The analytical data is provided in Appendix D. Section 4.19 of the *Final Zone H RFI Report* describes the initial RFI activities.

The human health risk assessment for AOC 667 and SWMU 138, Section 6.2.16 of the *Final Zone H RFI Report*, indicates multiple compounds were detected in soil at the site, but only BEQs were identified as a COPC for formal evaluation. The projected ingestion related ILCR from surface soil was 4E-7, and the dermal pathway risk was 2E-7. The primary interest at the site were detections of 1,1 dichloroethane, chloroethane, 1,2 dichloroethene (total), and carbon disulfide in site wells NBCH-667-001 and NBCH-667-002. Appendix E contains a site specific summary of compounds detected during the 4 quarters of sampling conducted for each monitoring well in Zone H. The results for AOC 667 can be found on pages 87 and 88 of the appendix.

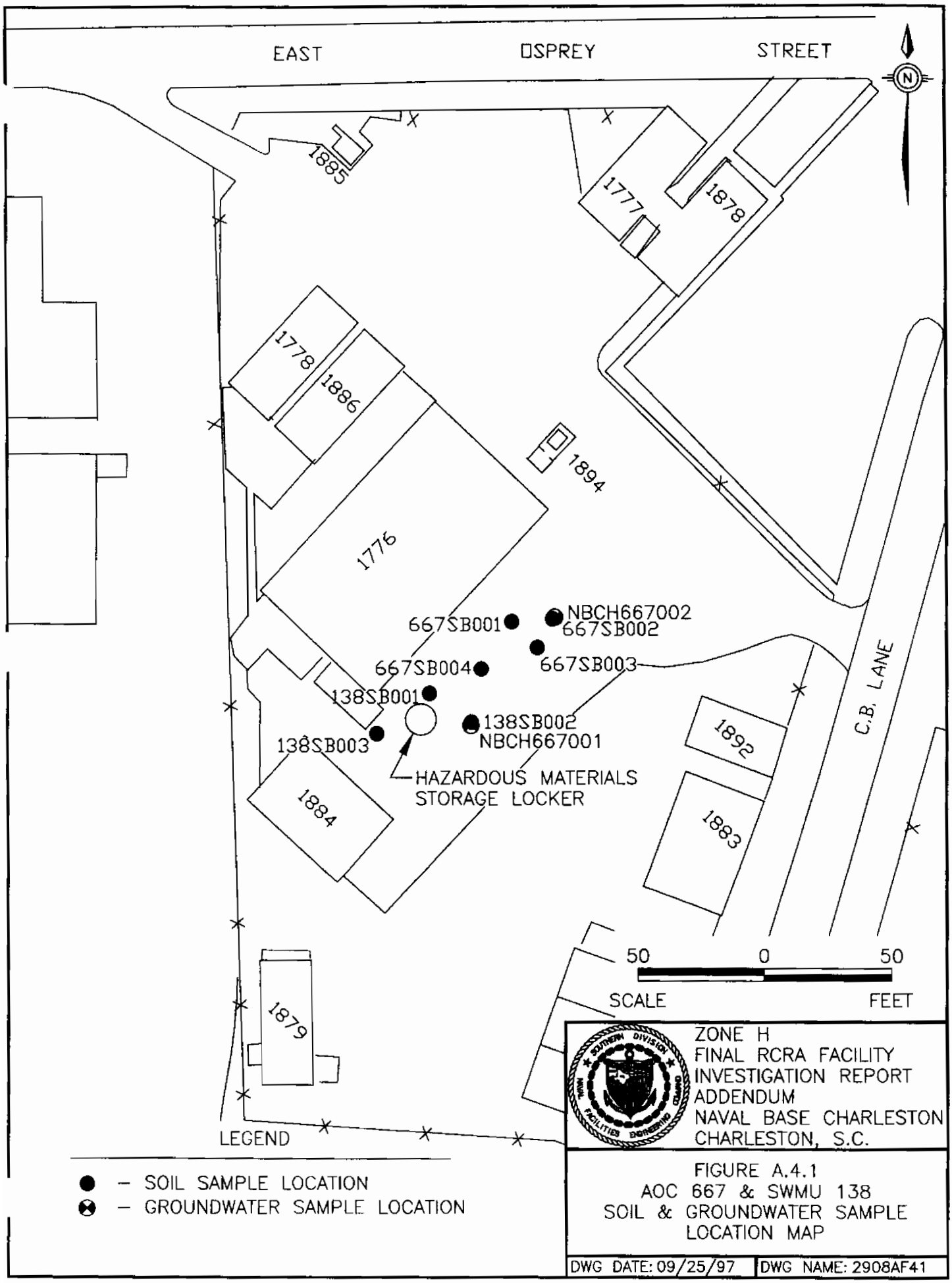
EAST
OSPREY
STREET
N
1885
1777
1878
1778
1886
1894
1776
667SB001
NBCH667002
667SB002
667SB004
667SB003
138SB001
138SB002
NBCH667001
138SB003
HAZARDOUS MATERIALS
STORAGE LOCKER
1892
C.B. LANE
1884
1883
50
0
50
SCALE
FEET
1879
LEGEND
● – SOIL SAMPLE LOCATION
⊗ – GROUNDWATER SAMPLE LOCATION
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FIGURE A.4.1
AOC 667 & SWMU 138
SOIL & GROUNDWATER SAMPLE
LOCATION MAP
DWG DATE: 09/25/97
DWG NAME: 2908AF41

None of the detections exceeded USEPA Region III tap water risk based screening concentrations or MCLs. The detections were most frequent in well NBCH-667-002 which was located within 10 feet of the oil-water separator.

Following review of the July 5, 1996, draft of the RFI report, concerns remained that 2 wells were insufficient to determine whether the contaminant levels detected were representative of worst case or if a larger problem existed. A broad perspective review of all VOC groundwater data was performed on both Zones H and I to determine if a correlation between contaminants at AOC 667 and other sites existed. The review indicated a shallow grid well in Zone I, approximately 900 feet down gradient of AOC 667, which contained similar types of chlorinated VOCs.

4.2 Investigative Action

It was unknown whether a connection existed between AOC 667 and the Zone I grid well, so the project team agreed by consensus to collect groundwater screening samples from 8 additional locations using DPT. These locations are depicted on Figure A.4.2. Two locations, 667GP001 and 667GP002, are upgradient of the site (groundwater flow is due east toward the Cooper River), while the remaining 6 locations are downgradient of the site. Each sample was collected from a depth of approximately 15 feet bgs which roughly corresponds to the top of a marsh clay which acts as a confining unit within the surficial aquifer. Samples were submitted for volatile organic compound analysis.

4.3 Investigative Results

Analytical results are provided in Appendix D. A usability assessment of the data showed both the trip blank and the method blank to have a detection of acetone at a concentration of 2μg/l. Due to the concentrations of acetone in both the trip and method blanks at a level of 2μg/l, all sample analytical results below 20μg/l were corrected to the detection limit because of the EPA 10 times highest blank concentration rule. Of the VOC detections reported during the 4 quarters of

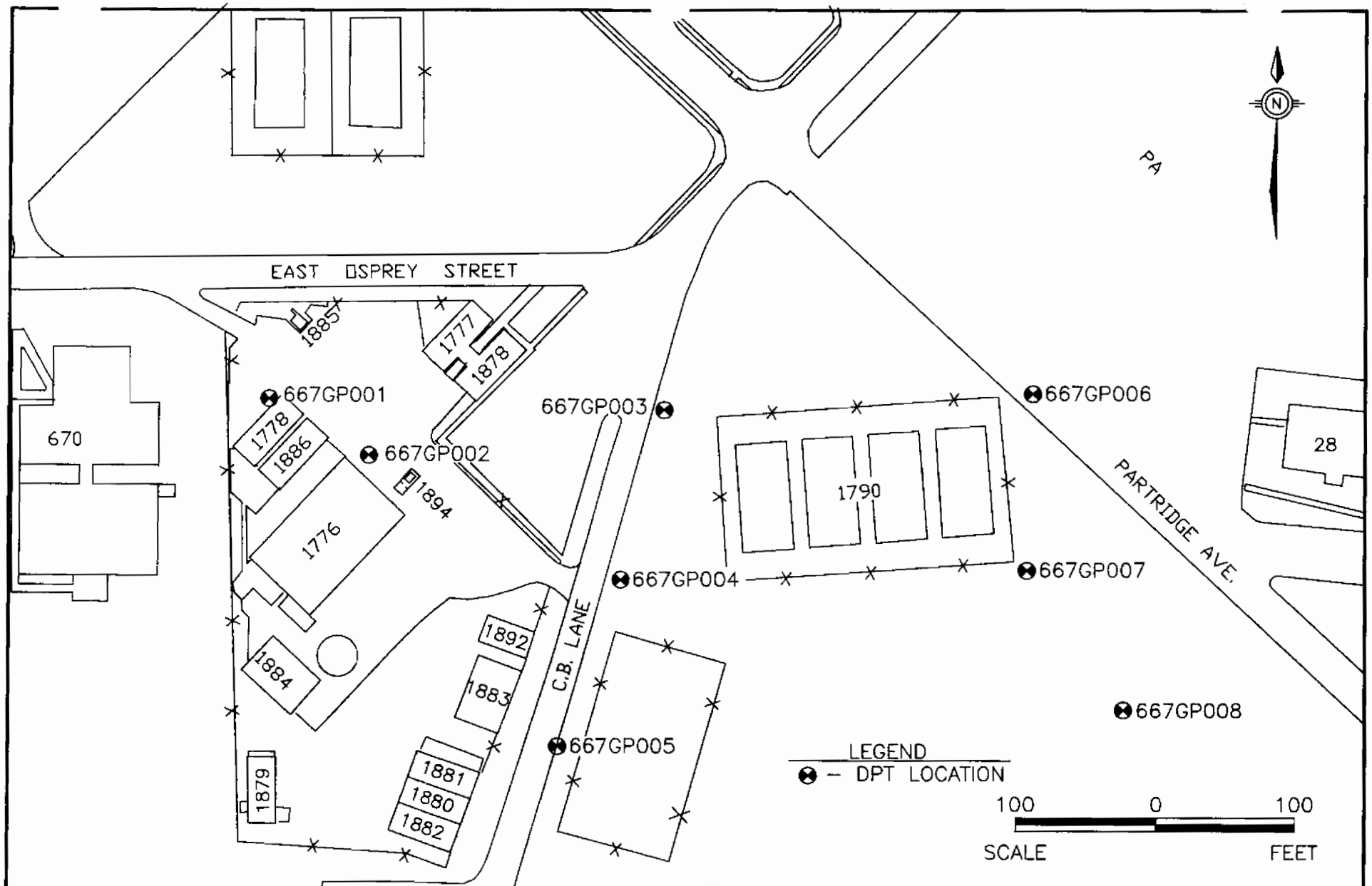

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FIGURE A.4.2
AOC 667 & SWMU 138
DPT LOCATION MAP

DWG DATE: 09/26/97 | DWG NAME: 2908AF42

groundwater sampling at AOC 667, carbon disulfide was the only compound also reported in the screening data. Carbon disulfide was detected in samples from 667GP003, 667GP004, 667GP007, and 667GP008 at concentrations of (2-3 μg/L) which is well below the tap water RBC of 100 μg/L. A detection of 2 μg/L of 2-butanone was reported in the sample from 667GP005. This concentration is several orders of magnitude below the tap water RBC of 1900 μg/L. No other volatile compounds were detected.

4.4 Conclusions

The groundwater pathway was not included in the human health risk assessment for AOC 667 and SWMU 138 since no COPCs were identified in the screening process. The supplemental sampling event confirmed that the contamination detected in the two site wells is very localized, is not related to the contaminants detected in the Zone I grid well, and does not exceed either RBCs or MCLs (for those compounds which MCLs even exist), and does not warrant formal evaluations in the risk assessment. These sites are recommended for no further action.

5.0 ZONE H QUARTERLY GROUNDWATER SAMPLE RESULTS

Appendix E includes a tabular summary of the "hits" or compounds detected for all monitoring wells in Zone H for all 4 quarters of sampling. The groundwater data was evaluated for trends over the 4 quarters and was used primarily for risk management decision making purposes by the project team during development of the conclusions section of the *Final Zone H RFI Report*.

APPENDIX A

AOC 659 SOIL AND GROUNDWATER DATA

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-DIOXI

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	IK1158-4
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/27/94
MATRIX ---------->	Soil
UNITS ----------->	PG/G

CAS #	Parameter	APX02	VAL
1746-01-6	2378-TCDD		
19408-74-3	123789-HxCDD	0.5901	EMPC
3268-87-9	OCDD	135.36	EMPC
35822-46-9	1234678-HpCDD	10.244	EMPC
39001-02-0	OCDF	7.9254	EMPC
39227-28-6	123478-HxCDD	0.2617	EMPC
40321-76-4	12378-PeCDD	0.2906	EMPC
51207-31-9	2378-TCDF		
55673-89-7	1234789-HpCDF	0.3504	EMPC
57117-31-4	23478-PeCDF	0.1809	EMPC
57117-41-6	12378-PeCDF	0.1717	EMPC
57117-44-9	123678-HxCDF	0.2053	EMPC
57653-85-7	123678-HxCDD	0.5884	EMPC
60851-34-5	234678-HxCDF		
67562-39-4	1234678-HpCDF	2.2955	EMPC
70648-26-9	123478-HxCDF	0.3925	EMPC
72918-21-9	123789-HxCDF	0.1776	EMPC
41903-57-5	Total Tetra-Dioxins	0.305	EMPC
36088-22-9	Total Penta-Dioxins	0.4631	EMPC
34465-46-8	Total Hexa-Dioxins	4.7379	EMPC
37871-00-4	Total Hepta-Dioxins	19.112	J
55722-27-5	Total Tetra-Furans	0.4692	EMPC
30602-15-4	Total Penta-Furans	1.2399	EMPC
55684-94-1	Total Hexa-Furans	3.6907	EMPC
38998-75-3	Total Hepta-Furans	9.7343	EMPC

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-HERB

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/16/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
93-72-1	2,4,5-TP (Silvex)	9.1	J
93-76-5	2,4,5-T	9.	J
94-75-7	2,4-D		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-METAL

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	41382-005
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/02/94
DATE ANALYZED --->	09/06/94
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	APX02	VAL
7439-92-1	Lead (Pb)		
7439-97-6	Mercury (Hg)		
7440-02-0	Nickel (Ni)	0.77	J
7440-22-4	Silver (Ag)		
7440-31-5	Tin (Sn)	1.5	J
7440-36-0	Antimony (Sb)		
7440-38-2	Arsenic (As)	0.62	J
7440-39-3	Barium (Ba)		
7440-41-7	Beryllium (Be)		
7440-43-9	Cadmium (Cd)		
7440-47-3	Chromium (Cr)		
7440-48-4	Cobalt (Co)		
7440-50-8	Copper (Cu)		
7440-62-2	Vanadium (V)	4.7	J
7440-66-6	Zinc (Zn)		
7782-49-2	Selenium (Se)		
7440-28-0	Thallium (Tl)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-OP PE

SAMPLE ID ------->	659-C-8001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/07/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
126-68-1	O,O,O-Triethylphosphorothioate		
297-97-2	Thionazin		
298-00-0	Methyl parathion		
298-02-2	Phorate		
298-04-4	Disulfoton		
3689-24-5	Sulfotep		
52-85-7	Famphur		
56-38-2	Parathion		
60-51-5	Dimethoate		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-PEST

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/07/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
309-00-2	Aldrin		
319-84-6	alpha-BHC		
319-85-7	beta-BHC		
319-86-8	delta-BHC		
58-89-9	gamma-BHC (Lindane)		
5103-71-9	alpha-Chlordane	1.3	J
5103-74-2	gamma-Chlordane	3.8	
510-15-6	Chlorobenzilate		
72-54-8	4,4'-DDD		
72-55-9	4,4'-DDE		
50-29-3	4,4'-DDT	3.6	J
2303-16-4	Diallate		
60-57-1	Dieldrin	2.7	J
959-98-8	Endosulfan I		
33213-65-9	Endosulfan II		
1031-07-8	Endosulfan sulfate	2.4	J
72-20-8	Endrin		
7421-93-4	Endrin aldehyde		
76-44-8	Heptachlor		
1024-57-3	Heptachlor epoxide		
465-73-6	Isodrin		
143-50-0	Kepone		
72-43-5	Methoxychlor		
8001-35-2	Toxaphene		
12674-11-2	Aroclor-1016		
11104-28-2	Aroclor-1221		
11141-16-5	Aroclor-1232		
53469-21-9	Aroclor-1242		
12672-29-6	Aroclor-1248		
11097-69-1	Aroclor-1254		
11096-82-5	Aroclor-1260		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/13/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
83-32-9	Acenaphthene		
208-96-8	Acenaphthylene		
98-86-2	Acetophenone		
53-96-3	Acetamidofluorene		
92-67-1	4-Aminobiphenyl		
62-53-3	Aniline		
120-12-7	Anthracene		
140-57-8	Aramite		
56-55-3	Benzo(a)anthracene		
205-99-2	Benzo(b)fluoranthene		
207-08-9	Benzo(k)fluoranthene		
191-24-2	Benzo(g,h,i)perylene		
50-32-8	Benzo(a)pyrene		
100-51-6	Benzyl alcohol		
111-91-1	bis(2-Chloroethoxy)methane		
111-44-4	bis(2-Chloroethyl)ether		
108-60-1	2,2'-oxybis(1-Chloropropane)		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		
101-55-3	4-Bromophenyl-phenylether		
85-68-7	Butylbenzylphthalate		
106-47-8	4-Chloroaniline		
59-50-7	4-Chloro-3-methylphenol		
91-58-7	2-Chloronaphthalene		
95-57-8	2-Chlorophenol		
7005-72-3	4-Chlorophenylphenylether		
218-01-9	Chrysene		
95-48-7	2-Methylphenol (o-Cresol)		
108-39-4	3-Methylphenol (m-Cresol)		
106-44-5	4-Methylphenol (p-Cresol)		
53-70-3	Dibenz(a,h)anthracene		
132-64-9	Dibenzofuran		
95-50-1	1,2-Dichlorobenzene		
541-73-1	1,3-Dichlorobenzene		
106-46-7	1,4-Dichlorobenzene		
91-94-1	3,3'-Dichlorobenzidine		
120-83-2	2,4-Dichlorophenol		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-SVOA							
	SAMPLE ID ------->	659-C-B001-01					
	ORIGINAL ID ----->	659CB00101					
	LAB SAMPLE ID --->	TLB-007					
	ID FROM REPORT -->	090107					
	SAMPLE DATE ----->	08/31/94					
	DATE EXTRACTED -->	09/07/94					
	DATE ANALYZED --->	09/13/94					
	MATRIX ---------->	Soil					
	UNITS ---------->	UG/KG					
CAS #	Parameter	APX02 VAL					
87-65-0	2,6-Dichlorophenol						
84-66-2	Diethylphthalate						
60-11-7	p-(Dimethylamino)azobenzene						
57-97-6	7,12-Dimethylbenz(a)anthracene						
119-93-7	3,3-Dimethylbenzidine						
122-09-8	a,a-Dimethylphenethylamine						
131-11-3	Dimethyl phthalate						
105-67-9	2,4-Dimethylphenol						
84-74-2	Di-n-butylphthalate						
99-65-0	1,3-Dinitrobenzene						
534-52-1	2-Methyl-4,6-Dinitrophenol						
51-28-5	2,4-Dinitrophenol						
88-85-7	Dinoseb						
121-14-2	2,4-Dinitrotoluene						
606-20-2	2,6-Dinitrotoluene						
117-84-0	Di-n-octyl phthalate						
122-39-4	Diphenylamine						
97-63-2	Ethyl methacrylate						
62-50-0	Ethyl methanesulfonate						
206-44-0	Fluoranthene						
86-73-7	Fluorene						
118-74-1	Hexachlorobenzene						
87-68-3	Hexachlorobutadiene						
77-47-4	Hexachlorocyclopentadiene						
67-72-1	Hexachloroethane						
70-30-4	Hexachlorophene						
1888-71-7	Hexachloropropene						
193-39-5	Indeno(1,2,3-cd)pyrene						
78-59-1	Isophorone						
120-58-1	Isosafrole						
91-80-5	Methapyrilene						
56-49-5	3-Methyl cholanthrene						
80-62-6	Methyl methacrylate						
66-27-3	Methyl methanesulfonate						
91-57-6	2-Methylnaphthalene						
91-20-3	Naphthalene						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/13/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
130-15-4	1,4-Naphthoquinone		
134-32-7	1-Naphthylamine		
91-59-8	2-Naphthylamine		
88-74-4	2-Nitroaniline		
99-09-2	3-Nitroaniline		
100-01-6	4-Nitroaniline		
98-95-3	Nitrobenzene		
88-75-5	2-Nitrophenol		
100-02-7	4-Nitrophenol		
56-57-5	4-Nitroquinoline 1-oxide		
924-16-3	N-Nitroso-di-n-butylamine		
55-18-5	N-Nitrosodiethylamine		
62-75-9	N-Nitrosodimethylamine		
86-30-6	N-Nitrosodiphenylamine		
621-64-7	N-Nitroso-di-n-propylamine		
10595-95-6	N-Nitrosomethylethylamine		
59-89-2	N-Nitrosomorpholine		
100-75-4	N-Nitrosopiperidine		
930-55-2	N-Nitrosopyrrolidine		
99-55-8	5-Nitro-o-toluidine		
608-93-5	Pentachlorobenzene		
76-01-7	Pentachloroethane		
82-68-8	Pentachloronitrobenzene		
87-86-5	Pentachlorophenol		
62-44-2	Phenacetin		
85-01-8	Phenanthrene		
108-95-2	Phenol		
106-50-3	p-Phenylenediamine		
109-06-8	2-Picoline		
23950-58-5	Pronamide		
129-00-0	Pyrene		
110-86-1	Pyridine		
94-59-7	Safrole		
95-94-3	1,2,4,5-Tetrachlorobenzene		
58-90-2	2,3,4,6-Tetrachlorophenol		
95-53-4	o-Toluidine		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	659-C-8001-01
ORIGINAL ID ----->	659C800101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/13/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
120-82-1	1,2,4-Trichlorobenzene		
95-95-4	2,4,5-Trichlorophenol		
88-06-2	2,4,6-Trichlorophenol		
99-35-4	1,3,5-Trinitrobenzene		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-VOA

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/07/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
67-64-1	Acetone		
75-05-8	Acetonitrile		
107-02-8	Acrolein		
107-13-1	Acrylonitrile		
107-05-1	3-Chloropropene		
71-43-2	Benzene		
75-27-4	Bromodichloromethane		
75-25-2	Bromoform		
75-15-0	Carbon disulfide		
56-23-5	Carbon tetrachloride		
108-90-7	Chlorobenzene		
75-00-3	Chloroethane		
67-66-3	Chloroform		
126-99-8	Chloroprene		
124-48-1	Dibromochloromethane		
96-12-8	1,2-Dibromo-3-Chloropropane		
106-93-4	1, 2-Dibromoethane		
110-57-6	trans-1,4-Dichloro-2-butene		
75-71-8	Dichlorodifluoromethane		
75-34-3	1,1-Dichloroethane		
107-06-2	1,2-Dichloroethane		
75-35-4	1,1-Dichloroethene		
156-60-5	trans-1,2-Dichloroethene		
78-87-5	1,2-Dichloropropane		
10061-01-5	cis-1,3-Dichloropropene		
10061-02-6	trans-1,3-Dichloropropene		
123-91-1	1,4-Dioxane		
100-41-4	Ethylbenzene		
591-78-6	2-Hexanone		
78-83-1	Isobutyl alcohol		
126-98-7	Methacrylonitrile		
74-83-9	Bromomethane		
74-87-3	Chloromethane		
74-95-3	Methylene bromide		
75-09-2	Methylene chloride		
78-93-3	2-Butanone (MEK)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

APX9-VOA

SAMPLE ID ------->	659-C-B001-01
ORIGINAL ID ----->	659CB00101
LAB SAMPLE ID --->	TLB-007
ID FROM REPORT -->	090107
SAMPLE DATE ----->	08/31/94
DATE EXTRACTED -->	09/07/94
DATE ANALYZED --->	09/07/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
74-88-4	Methyl iodide		
108-10-1	4-Methyl-2-Pentanone (MIBK)		
107-12-0	Propionitrile		
100-42-5	Styrene		
630-20-6	1,1,1,2-Tetrachloroethane		
79-34-5	1,1,2,2-Tetrachloroethane		
127-18-4	Tetrachloroethene		
108-88-3	Toluene	1.5	J
71-55-6	1,1,1-Trichloroethane		
79-00-5	1,1,2-Trichloroethane		
79-01-6	Trichloroethene		
75-69-4	Trichlorofluoromethane		
96-18-4	1,2,3-Trichloropropane		
108-05-4	Vinyl acetate		
75-01-4	Vinyl chloride		
1330-20-7	Xylene (Total)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

CYANIDE

	SAMPLE ID ------->	659-S-B001-01		659-C-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01	
	ORIGINAL ID ----->	659SB00101		659CB00101		659SB00102		659SB00201		659SB00202		659SB00301	
	LAB SAMPLE ID --->	41381-038		41382-005		41381-039		41381-040		41381-041		41381-042	
	ID FROM REPORT -->	090116		090107		090117		090118		090119		090120	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE EXTRACTED -->	09/02/94		09/02/94		09/02/94		09/02/94		09/02/94		09/02/94	
	DATE ANALYZED --->	09/06/94		09/06/94		09/06/94		09/06/94		09/06/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS09	VAL	APX02	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
57-12-5	Cyanide (CN)												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

CYANIDE											
	SAMPLE ID ------->	659-S-B003-02		659-S-B004-01		659-S-B004-02					
	ORIGINAL ID ----->	659SB00302		659SB00401		659SB00402					
	LAB SAMPLE ID --->	41381-043		41381-044		41381-045					
	ID FROM REPORT -->	090121		090122		090123					
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94					
	DATE EXTRACTED -->	09/02/94		09/02/94		09/02/94					
	DATE ANALYZED --->	09/06/94		09/06/94		09/06/94					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG		MG/KG					
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL				
57-12-5	Cyanide (CN)										

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

HEXACHROME							
	SAMPLE ID ------->	659-C-B001-01					
	ORIGINAL ID ----->	659CB00101					
	LAB SAMPLE ID --->	41382-005					
	ID FROM REPORT -->	090107					
	SAMPLE DATE ----->	08/31/94					
	DATE ANALYZED --->	09/02/94					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	APX02	VAL				
999900-00-5	Hexavalent Chromium						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-META

	SAMPLE ID ------->	659-S-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01		659-S-B003-02	
	ORIGINAL ID ----->	659SB00101		659SB00102		659SB00201		659SB00202		659SB00301		659SB00302	
	LAB SAMPLE ID --->	41381-038		41381-039		41381-040		41381-041		41381-042		41381-043	
	ID FROM REPORT -->	090116		090117		090118		090119		090120		090121	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE EXTRACTED -->	09/02/94		09/02/94		09/02/94		09/02/94		09/02/94		09/02/94	
	DATE ANALYZED --->	09/06/94		09/06/94		09/06/94		09/06/94		09/06/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
7429-90-5	Aluminum (Al)	2310.		1540.		4290.		2540.		6870.		2110.	
7439-89-6	Iron (Fe)	1610.		3390.		2710.		4030.		4290.		2510.	
7439-92-1	Lead (Pb)	2.4		2.8		4.3		2.6		6.9		2.2	
7440-02-0	Nickel (Ni)												
7440-09-7	Potassium (K)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)			40.	J	16.4	J	63.1	J	39.8	J	56.1	J
7440-28-0	Thallium (Tl)												
7440-36-0	Antimony (Sb)												
7440-38-2	Arsenic (As)	0.6	J	1.2		1.3		1.9		2.1		1.2	
7440-39-3	Barium (Ba)	6.4	J			8.6	J					4.5	J
7440-41-7	Beryllium (Be)			0.15	J			0.2	J	0.16	J	0.14	J
7440-43-9	Cadmium (Cd)												
7440-48-4	Cobalt (Co)			0.7	J			1.3	J	1.	J	0.64	J
7440-50-8	Copper (Cu)												
7440-62-2	Vanadium (V)	3.6	J	6.2		6.5		8.3		12.2		5.1	J
7440-66-6	Zinc (Zn)									15.2			
7782-49-2	Selenium (Se)												
7439-97-6	Mercury (Hg)									0.08			
7439-95-4	Magnesium (Mg)	36.9	J	356.	J	106.	J	582.		404.	J	303.	J
7439-96-5	Manganese (Mn)	4.5	J	18.6	J	8.1	J	34.4	J	38.7	J	22.9	J
7440-70-2	Calcium (Ca)	550.		1950.		728.		2750.		2220.		2640.	
7440-47-3	Chromium (Cr)			4.3		4.2		6.6		9.5		5.	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-META

	SAMPLE ID ------->	659-S-B004-01		659-S-B004-02									
	ORIGINAL ID ----->	659SB00401		659SB00402									
	LAB SAMPLE ID --->	41381-044		41381-045									
	ID FROM REPORT -->	090122		090123									
	SAMPLE DATE ----->	08/31/94		08/31/94									
	DATE EXTRACTED -->	09/02/94		09/02/94									
	DATE ANALYZED --->	09/06/94		09/06/94									
	MATRIX ---------->	Soil		Soil									
	UNITS ---------->	MG/KG		MG/KG									
CAS #	Parameter	CHS09	VAL	CHS09	VAL								
7429-90-5	Aluminum (Al)	5400.		3560.									
7439-89-6	Iron (Fe)	3840.		3160.									
7439-92-1	Lead (Pb)	12.1		3.5									
7440-02-0	Nickel (Ni)												
7440-09-7	Potassium (K)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)	271.	J	22.7	J								
7440-28-0	Thallium (Tl)												
7440-36-0	Antimony (Sb)												
7440-38-2	Arsenic (As)	2.3		1.9									
7440-39-3	Barium (Ba)			11.1	J								
7440-41-7	Beryllium (Be)	0.21	J	0.05	J								
7440-43-9	Cadmium (Cd)	0.22	J										
7440-48-4	Cobalt (Co)	1.	J										
7440-50-8	Copper (Cu)												
7440-62-2	Vanadium (V)	16.6		6.3									
7440-66-6	Zinc (Zn)	30.7											
7782-49-2	Selenium (Se)												
7439-97-6	Mercury (Hg)												
7439-95-4	Magnesium (Mg)	1820.		128.	J								
7439-96-5	Manganese (Mn)	35.7	J	9.3	J								
7440-70-2	Calcium (Ca)	58600.		1130.									
7440-47-3	Chromium (Cr)	18.4		4.4									
7440-31-5	Tin (Sn)	NR		NR									

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-PEST													
	SAMPLE ID ------->	659-S-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01		659-S-B003-01	
	ORIGINAL ID ----->	659SB00101		659SB00102		659SB00201		659SB00202		659SB00301		659SB00301	
	LAB SAMPLE ID --->	BDB655		BDB656		BDB657		BDB658		BDB659		BDB660	
	ID FROM REPORT -->	090116		090117		090118		090119		090120		090120	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE EXTRACTED -->	09/09/94		09/09/94		09/09/94		09/09/94		09/09/94			
	DATE ANALYZED --->	09/17/94		09/18/94		09/18/94		09/18/94		09/18/94			
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
11097-69-1	Aroclor-1254												
11104-28-2	Aroclor-1221												
11141-16-5	Aroclor-1232												
12672-29-6	Aroclor-1248												
11096-82-5	Aroclor-1260												
12674-11-2	Aroclor-1016												
53469-21-9	Aroclor-1242												
1024-57-3	Heptachlor epoxide												
1031-07-8	Endosulfan sulfate												
309-00-2	Aldrin												
319-84-6	alpha-BHC												
319-85-7	beta-BHC												
319-86-8	delta-BHC												
33213-65-9	Endosulfan II												
50-29-3	4,4'-DDT												
5103-71-9	alpha-Chlordane												
5103-74-2	gamma-Chlordane									10.			
53494-70-5	Endrin ketone												
58-89-9	gamma-BHC (Lindane)												
60-57-1	Dieldrin												
72-20-8	Endrin												
72-43-5	Methoxychlor												
72-54-8	4,4'-DDD			28.4								47.1	
72-55-9	4,4'-DDE			18.3								10.8	
7421-93-4	Endrin aldehyde												
76-44-8	Heptachlor												
8001-35-2	Toxaphene												
959-98-8	Endosulfan I												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-PEST							
	SAMPLE ID ------->	659-S-B004-01	659-S-B004-02				
	ORIGINAL ID ----->	659SB00401	659SB00402				
	LAB SAMPLE ID --->	BDB661	BDB662				
	ID FROM REPORT -->	090122	090123				
	SAMPLE DATE ----->	08/31/94	08/31/94				
	DATE EXTRACTED -->	09/09/94	09/09/94				
	DATE ANALYZED --->	09/18/94	09/18/94				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	UG/KG	UG/KG				
CAS #	Parameter	CHS09 VAL	CHS09 VAL				
11097-69-1	Aroclor-1254						
11104-28-2	Aroclor-1221						
11141-16-5	Aroclor-1232						
12672-29-6	Aroclor-1248						
11096-82-5	Aroclor-1260						
12674-11-2	Aroclor-1016						
53469-21-9	Aroclor-1242						
1024-57-3	Heptachlor epoxide						
1031-07-8	Endosulfan sulfate						
309-00-2	Aldrin						
319-84-6	alpha-BHC						
319-85-7	beta-BHC						
319-86-8	delta-BHC						
33213-65-9	Endosulfan II						
50-29-3	4,4'-DDT						
5103-71-9	alpha-Chlordane						
5103-74-2	gamma-Chlordane						
53494-70-5	Endrin ketone						
58-89-9	gamma-BHC (Lindane)						
60-57-1	Dieldrin						
72-20-8	Endrin						
72-43-5	Methoxychlor						
72-54-8	4,4'-DDD		50.2				
72-55-9	4,4'-DDE		103.				
7421-93-4	Endrin aldehyde						
76-44-8	Heptachlor						
8001-35-2	Toxaphene						
959-98-8	Endosulfan I						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-SVOA

SAMPLE ID ------->	659-S-B001-01	659-S-B001-02	659-S-B002-01	659-S-B002-02	659-S-B003-01	659-S-B003-02
ORIGINAL ID ----->	659SB00101	659SB00102	659SB00201	659SB00202	659SB00301	659SB00302
LAB SAMPLE ID --->	BDB655	BDB656	BDB657	BDB658	BDB659	BDB660
ID FROM REPORT -->	090116	090117	090118	090119	090120	090121
SAMPLE DATE ----->	08/31/94	08/31/94	08/31/94	08/31/94	08/31/94	08/31/94
DATE EXTRACTED -->	09/08/94	09/08/94	09/08/94	09/08/94	09/08/94	09/08/94
DATE ANALYZED --->	09/22/94	09/21/94	09/21/94	09/21/94	09/22/94	09/22/94
MATRIX ---------->	Soil	Soil	Soil	Soil	Soil	Soil
UNITS ---------->	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG	UG/KG

CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
62-75-9	N-Nitrosodimethylamine												
606-20-2	2,6-Dinitrotoluene												
108-95-2	Phenol												
99-09-2	3-Nitroaniline												
62-53-3	Aniline												
83-32-9	Acenaphthene							49.4	J				
111-44-4	bis(2-Chloroethyl)ether												
51-28-5	2,4-Dinitrophenol												
95-57-8	2-Chlorophenol												
100-02-7	4-Nitrophenol												
541-73-1	1,3-Dichlorobenzene												
132-64-9	Dibenzofuran			1810.	J			44.9	J			3510.	
106-46-7	1,4-Dichlorobenzene												
121-14-2	2,4-Dinitrotoluene												
100-51-6	Benzyl alcohol												
84-66-2	Diethylphthalate												
95-50-1	1,2-Dichlorobenzene												
7005-72-3	4-Chlorophenylphenylether												
95-48-7	2-Methylphenol (o-Cresol)												
86-73-7	Fluorene												
108-60-1	2,2'-oxybis(1-Chloropropane)												
100-01-6	4-Nitroaniline												
106-44-5	4-Methylphenol (p-Cresol)												
534-52-1	2-Methyl-4,6-Dinitrophenol												
621-64-7	N-Nitroso-di-n-propylamine												
86-30-6	N-Nitrosodiphenylamine												
67-72-1	Hexachloroethane												
101-55-3	4-Bromophenyl-phenylether												
98-95-3	Nitrobenzene												
118-74-1	Hexachlorobenzene												
78-59-1	Isophorone												
87-86-5	Pentachlorophenol												
88-75-5	2-Nitrophenol												
85-01-8	Phenanthrene			2470.				58.8	J			3210.	
105-67-9	2,4-Dimethylphenol												
120-12-7	Anthracene												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-SVOA													
	SAMPLE ID ------->	659-S-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01		659-S-B003-02	
	ORIGINAL ID ----->	659SB00101		659SB00102		659SB00201		659SB00202		659SB00301		659SB00302	
	LAB SAMPLE ID --->	BDB655		BDB656		BDB657		BDB658		BDB659		BDB660	
	ID FROM REPORT -->	090116		090117		090118		090119		090120		090121	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE EXTRACTED -->	09/08/94		09/08/94		09/08/94		09/08/94		09/08/94		09/08/94	
	DATE ANALYZED --->	09/22/94		09/21/94		09/21/94		09/21/94		09/22/94		09/22/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
65-85-0	Benzoic acid												
84-74-2	Di-n-butylphthalate	52.	J										
111-91-1	bis(2-Chloroethoxy)methane												
206-44-0	Fluoranthene			345.	J							94.5	J
120-83-2	2,4-Dichlorophenol												
92-87-5	Benzidine												
120-82-1	1,2,4-Trichlorobenzene												
129-00-0	Pyrene			428.								375.	J
91-20-3	Naphthalene			5150.	J							3960.	
85-68-7	Butylbenzylphthalate												
106-47-8	4-Chloroaniline												
91-94-1	3,3'-Dichlorobenzidine												
87-68-3	Hexachlorobutadiene												
56-55-3	Benzo(a)anthracene			70.5	J								
59-50-7	4-Chloro-3-methylphenol												
218-01-9	Chrysene											82.	J
91-57-6	2-Methylnaphthalene			9650.	J							11100.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	106.	J										
77-47-4	Hexachlorocyclopentadiene												
117-84-0	Di-n-octyl phthalate												
88-06-2	2,4,6-Trichlorophenol												
205-99-2	Benzo(b)fluoranthene			73.6	J								
95-95-4	2,4,5-Trichlorophenol												
207-08-9	Benzo(k)fluoranthene												
91-58-7	2-Chloronaphthalene												
50-32-8	Benzo(a)pyrene												
88-74-4	2-Nitroaniline												
193-39-5	Indeno(1,2,3-cd)pyrene												
131-11-3	Dimethyl phthalate												
53-70-3	Dibenz(a,h)anthracene												
208-96-8	Acenaphthylene												
191-24-2	Benzo(g,h,i)perylene												
110-86-1	Pyridine	NR		NR		NR		NR		NR		NR	
103-33-3	Azobenzene	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-SVOA							
	SAMPLE ID ------->	659-S-B004-01		659-S-B004-02			
	ORIGINAL ID ----->	659SB00401		659SB00402			
	LAB SAMPLE ID --->	BDB661		BDB662			
	ID FROM REPORT -->	090122		090123			
	SAMPLE DATE ----->	08/31/94		08/31/94			
	DATE EXTRACTED -->	09/08/94		09/08/94			
	DATE ANALYZED --->	09/22/94		09/22/94			
	MATRIX ---------->	Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	CHS09	VAL	CHS09	VAL		
62-75-9	N-Nitrosodimethylamine						
606-20-2	2,6-Dinitrotoluene						
108-95-2	Phenol						
99-09-2	3-Nitroaniline						
62-53-3	Aniline						
83-32-9	Acenaphthene						
111-44-4	bis(2-Chloroethyl)ether						
51-28-5	2,4-Dinitrophenol						
95-57-8	2-Chlorophenol						
100-02-7	4-Nitrophenol						
541-73-1	1,3-Dichlorobenzene						
132-64-9	Dibenzofuran			152.	J		
106-46-7	1,4-Dichlorobenzene						
121-14-2	2,4-Dinitrotoluene						
100-51-6	Benzyl alcohol						
84-66-2	Diethylphthalate						
95-50-1	1,2-Dichlorobenzene						
7005-72-3	4-Chlorophenylphenylether						
95-48-7	2-Methylphenol (o-Cresol)						
86-73-7	Fluorene						
108-60-1	2,2'-oxybis(1-Chloropropane)						
100-01-6	4-Nitroaniline						
106-44-5	4-Methylphenol (p-Cresol)						
534-52-1	2-Methyl-4,6-Dinitrophenol						
621-64-7	N-Nitroso-di-n-propylamine						
86-30-6	N-Nitrosodiphenylamine						
67-72-1	Hexachloroethane						
101-55-3	4-Bromophenyl-phenylether						
98-95-3	Nitrobenzene						
118-74-1	Hexachlorobenzene						
78-59-1	Isophorone						
87-86-5	Pentachlorophenol						
88-75-5	2-Nitrophenol						
85-01-8	Phenanthrene			517.			
105-67-9	2,4-Dimethylphenol						
120-12-7	Anthracene						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-SVOA							
	SAMPLE ID ------->	659-S-B004-01	659-S-B004-02				
	ORIGINAL ID ----->	659SB00401	659SB00402				
	LAB SAMPLE ID --->	BDB661	BDB662				
	ID FROM REPORT -->	090122	090123				
	SAMPLE DATE ----->	08/31/94	08/31/94				
	DATE EXTRACTED -->	09/08/94	09/08/94				
	DATE ANALYZED --->	09/22/94	09/22/94				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	UG/KG	UG/KG				
CAS #	Parameter	CHS09 VAL	CHS09 VAL				
65-85-0	Benzoic acid						
84-74-2	Di-n-butylphthalate						
111-91-1	bis(2-Chloroethoxy)methane						
206-44-0	Fluoranthene						
120-83-2	2,4-Dichlorophenol						
92-87-5	Benzidine						
120-82-1	1,2,4-Trichlorobenzene						
129-00-0	Pyrene						
91-20-3	Naphthalene		490.				
85-68-7	Butylbenzylphthalate						
106-47-8	4-Chloroaniline						
91-94-1	3,3'-Dichlorobenzidine						
87-68-3	Hexachlorobutadiene						
56-55-3	Benzo(a)anthracene						
59-50-7	4-Chloro-3-methylphenol						
218-01-9	Chrysene						
91-57-6	2-Methylnaphthalene		1740.				
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	423.					
77-47-4	Hexachlorocyclopentadiene						
117-84-0	Di-n-octyl phthalate						
88-06-2	2,4,6-Trichlorophenol						
205-99-2	Benzo(b)fluoranthene						
95-95-4	2,4,5-Trichlorophenol						
207-08-9	Benzo(k)fluoranthene						
91-58-7	2-Chloronaphthalene						
50-32-8	Benzo(a)pyrene						
88-74-4	2-Nitroaniline						
193-39-5	Indeno(1,2,3-cd)pyrene						
131-11-3	Dimethyl phthalate						
53-70-3	Dibenz(a,h)anthracene						
208-96-8	Acenaphthylene						
191-24-2	Benzo(g,h,i)perylene						
110-86-1	Pyridine	NR	NR				
103-33-3	Azobenzene	NR	NR				
86-74-8	Carbazole	NR	NR				

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-VOA

	SAMPLE ID ------->	659-S-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01		659-S-B003-02	
	ORIGINAL ID ----->	659SB00101		659SB00102		659SB00201		659SB00202		659SB00301		659SB00302	
	LAB SAMPLE ID --->	BDB655		BDB656		BDB657		BDB658		BDB659		BDB660	
	ID FROM REPORT -->	090116		090117		090118		090119		090120		090121	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/09/94		09/12/94		09/09/94		09/08/94		09/09/94		09/08/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
100-41-4	Ethylbenzene											2660.	
100-42-5	Styrene												
10061-01-5	cis-1,3-Dichloropropene												
10061-02-6	trans-1,3-Dichloropropene												
107-06-2	1,2-Dichloroethane												
108-05-4	Vinyl acetate												
108-10-1	4-Methyl-2-Pentanone (MIBK)												
108-88-3	Toluene											395.	J
108-90-7	Chlorobenzene												
109-99-9	Tetrahydrofuran												
124-48-1	Dibromochloromethane												
127-18-4	Tetrachloroethene												
1330-20-7	Xylene (Total)												
540-59-0	1,2-Dichloroethene (total)												
56-23-5	Carbon tetrachloride												
591-78-6	2-Hexanone												
67-64-1	Acetone							71.1	J				
67-66-3	Chloroform												
71-43-2	Benzene												
71-55-6	1,1,1-Trichloroethane												
74-83-9	Bromomethane												
74-87-3	Chloromethane												
75-00-3	Chloroethane												
75-01-4	Vinyl chloride												
75-09-2	Methylene chloride			264.	J							328.	J
75-15-0	Carbon disulfide												
75-25-2	Bromoform												
75-27-4	Bromodichloromethane												
75-34-3	1,1-Dichloroethane												
75-35-4	1,1-Dichloroethene												
75-69-4	Trichlorofluoromethane												
78-87-5	1,2-Dichloropropane												
78-93-3	2-Butanone (MEK)												
79-00-5	1,1,2-Trichloroethane												
79-01-6	Trichloroethene												
79-34-5	1,1,2,2-Tetrachloroethane												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

SW846-VOA								
	SAMPLE ID ------->	659-S-B004-01		659-S-B004-02				
	ORIGINAL ID ----->	659SB00401		659SB00402				
	LAB SAMPLE ID --->	BDB661		BDB662				
	ID FROM REPORT -->	090122		090123				
	SAMPLE DATE ----->	08/31/94		08/31/94				
	DATE ANALYZED --->	09/08/94		09/08/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	CHS09	VAL	CHS09	VAL			
100-41-4	Ethylbenzene			3.59				
100-42-5	Styrene							
10061-01-5	cis-1,3-Dichloropropene							
10061-02-6	trans-1,3-Dichloropropene							
107-06-2	1,2-Dichloroethane							
108-05-4	Vinyl acetate							
108-10-1	4-Methyl-2-Pentanone (MIBK)							
108-88-3	Toluene							
108-90-7	Chlorobenzene							
109-99-9	Tetrahydrofuran							
124-48-1	Dibromochloromethane							
127-18-4	Tetrachloroethene							
1330-20-7	Xylene (Total)							
540-59-0	1,2-Dichloroethene (total)							
56-23-5	Carbon tetrachloride							
591-78-6	2-Hexanone							
67-64-1	Acetone	8.75	J	45.6	J			
67-66-3	Chloroform							
71-43-2	Benzene							
71-55-6	1,1,1-Trichloroethane							
74-83-9	Bromomethane							
74-87-3	Chloromethane							
75-00-3	Chloroethane							
75-01-4	Vinyl chloride							
75-09-2	Methylene chloride							
75-15-0	Carbon disulfide							
75-25-2	Bromoform							
75-27-4	Bromodichloromethane							
75-34-3	1,1-Dichloroethane							
75-35-4	1,1-Dichloroethene							
75-69-4	Trichlorofluoromethane							
78-87-5	1,2-Dichloropropane							
78-93-3	2-Butanone (MEK)							
79-00-5	1,1,2-Trichloroethane							
79-01-6	Trichloroethene							
79-34-5	1,1,2,2-Tetrachloroethane							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

TPH-IR													
	SAMPLE ID ------->	659-S-B001-01		659-C-B001-01		659-S-B001-02		659-S-B002-01		659-S-B002-02		659-S-B003-01	
	ORIGINAL ID ----->	659SB00101		659CB00101		659SB00102		659SB00201		659SB00202		659SB00301	
	LAB SAMPLE ID --->	41381-053		41382-005		41381-054		41381-055		41381-056		41381-057	
	ID FROM REPORT -->	090116		090107		090117		090118		090119		090120	
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE EXTRACTED -->	09/07/94		09/08/94		09/07/94		09/07/94		09/07/94		09/07/94	
	DATE ANALYZED --->	09/08/94		09/09/94		09/08/94		09/08/94		09/08/94		09/08/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS09	VAL	APX02	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
999900-02-4	Petroleum Hydrocarbons, TPH	170.		190.		6100.		160.					

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 659 Soil Analytical Data

TPH-IR									
	SAMPLE ID ------->	659-S-B003-02		659-S-B004-01		659-S-B004-02			
	ORIGINAL ID ----->	659SB00302		659SB00401		659SB00402			
	LAB SAMPLE ID --->	41381-058		41381-059		41381-060			
	ID FROM REPORT -->	090121		090122		090123			
	SAMPLE DATE ----->	08/31/94		08/31/94		08/31/94			
	DATE EXTRACTED -->	09/07/94		09/07/94		09/07/94			
	DATE ANALYZED --->	09/08/94		09/08/94		09/08/94			
	MATRIX ---------->	Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG			
CAS #	Parameter	CHS09	VAL	CHS09	VAL	CHS09	VAL		
999900-02-4	Petroleum Hydrocarbons, TPH	15000.		77.		2200.			

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Groundwater Screening Data for AOC 659

SW-VOA

	SAMPLE ID ------->	659-G-P001-15		659-G-P002-15							
	ORIGINAL ID ----->	659GP00115		659GP00215							
	LAB SAMPLE ID --->	7834-10		7834-09							
	ID FROM REPORT -->	659GP00115		659GP00215							
	SAMPLE DATE ----->	06/25/97		06/25/97							
	DATE ANALYZED --->	06/26/97		06/26/97							
	MATRIX ---------->	Water		Water							
	UNITS ---------->	UG/L		UG/L							
CAS #	Parameter	7834	VAL	7834	VAL						
74-87-3	Chloromethane	5.	U	5.	U						
74-83-9	Bromomethane	5.	U	5.	U						
75-01-4	Vinyl chloride	5.	U	5.	U						
75-00-3	Chloroethane	5.	U	5.	U						
75-09-2	Methylene chloride	5.	U	5.	U						
67-64-1	Acetone	10.	U	10.	U						
75-15-0	Carbon disulfide	5.	U	5.	U						
75-35-4	1,1-Dichloroethene	5.	U	5.	U						
75-34-3	1,1-Dichloroethane	5.	U	5.	U						
108-05-4	Vinyl acetate	10.	U	10.	U						
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U						
67-66-3	Chloroform	5.	U	5.	U						
107-06-2	1,2-Dichloroethane	5.	U	5.	U						
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U						
78-93-3	2-Butanone (MEK)	10.	U	10.	U						
56-23-5	Carbon tetrachloride	5.	U	5.	U						
75-27-4	Bromodichloromethane	5.	U	5.	U						
78-87-5	1,2-Dichloropropane	5.	U	5.	U						
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U						
79-01-6	Trichloroethene	5.	U	5.	U						
124-48-1	Dibromochloromethane	5.	U	5.	U						
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U						
71-43-2	Benzene	4.	J	5.	U						
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U						
75-25-2	Bromoform	5.	U	5.	U						
127-18-4	Tetrachloroethene	5.	U	5.	U						
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U						
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U						
108-88-3	Toluene	5.	U	5.	U						
591-78-6	2-Hexanone	10.	UJ	10.	UJ						
108-90-7	Chlorobenzene	5.	U	5.	U						
100-41-4	Ethylbenzene	5.	U	5.	U						
100-42-5	Styrene	5.	U	5.	U						
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U						
99900-02-9	Xylenes (Total)	5.	U	5.	U						

*** Validation Complete ***

PAGE 1 OF 2

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

CTO-TASK: 2908-08420
COC #:
BPA/SO: PD3 REL 18 CEMIC

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
SAMPLERS: (SIGNATURE) C. Davis

PROJECT MANAGER: Charlie Vernon
TELEPHONE NO.: (803) 884-0029
FAX. NO.: (803) 856-0107

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH667GP003-15	6/25/97	0850	Water	40 mL	4°C	HCL	2	X							* DQO Level II
NBCH667GP004-15		0910					2	X							*
NBCH667GP005-19		0925					2	X							*
NBCH667GP008-15		0945					2	X							*
NBCH667GP007-15		1000					2	X							*
NBCH667GP006-15		1010					2	X							*
NBCH667GP002-15		1100					2	X							*
NBCH667GP001-15		1115					2	X							*
NBCH659GP002-15		1325					2	X							*
NBCH659GP001-15		1330					2	X							*

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: C. Davis	6/25/97	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: C. Davis		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EnSafe	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Lab	1700	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO. 5663645271
SPECIAL INSTRUCTION:

COMMENTS: *Fiber reference in Samples
All Samples DQO Lvl 2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

CLNCOCR1

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 2 OF 2

CTO-TASK: 2908-08420
COC #:
BPA/SO: PO 9 REL 13 CEMIC

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
SAMPLERS: (SIGNATURE) C D

PROJECT MANAGER Charlie Vernoy
TELEPHONE NO. (803)884-0029
FAX. NO. (803)856-0107

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH059TP001-01	6-25-97	1330	Water	40mL	4°C	HCL	1	X							DQD Level II

Chris [illegible]
6-25-97

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [illegible]	6/25/97	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED C Davis		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: FedEX
SHIPMENT NO. 5663645271
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

CLNCOCR1

APPENDIX B

AOC 661 ANALYTICAL DATA FOR SOIL

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
AOC 661 Analytical Data for Soil

EXPLOSIVE											
	SAMPLE ID ------->	661-S-B001-01		661-S-B002-01		661-S-B003-01					
	ORIGINAL ID ----->	661SB00101		661SB00201		661SB00301					
	LAB SAMPLE ID --->	8017-01		8017-02		8017-03					
	ID FROM REPORT -->	661SB00101		661SB00201		661SB00301					
	SAMPLE DATE ----->	08/01/97		08/01/97		08/01/97					
	DATE EXTRACTED -->	08/03/97		08/03/97		08/03/97					
	DATE ANALYZED --->	08/04/97		08/04/97		08/04/97					
	MATRIX ---------->	Soil		Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG		UG/KG					
CAS #	Parameter	8017		8017		8017					
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	500.	U	500.	U	500.	U				
121-14-2	2,4-Dinitrotoluene	500.	U	500.	U	500.	U				
121-82-4	RDX (Cyclonite)	500.	U	500.	U	500.	U				
92-67-1	4-Aminobiphenyl	500.	U	500.	U	500.	U				
25377-32-6	1,3,5-Trinitrobenzene	500.	U	500.	U	500.	U				
2691-41-0	HMX	500.	U	500.	U	500.	U				
35572-78-2	2-Am-DNT	500.	U	500.	U	500.	U				
479-45-8	Tetryl	500.	U	500.	U	500.	U				
606-20-2	2,6-Dinitrotoluene	500.	U	500.	U	500.	U				
88-72-2	o-Nitrotoluene	500.	U	500.	U	500.	U				
98-95-3	Nitrobenzene	500.	U	500.	U	500.	U				
99-08-1	m-Nitrotoluene	500.	U	500.	U	500.	U				
99-65-0	1,3-Dinitrobenzene	500.	U	500.	U	500.	U				
99-99-0	p-Nitrotoluene	500.	U	500.	U	500.	U				

PAGE 1 OF 1

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

CTO-TASK:
COC #:
BPA/SO: PO3 REL18
Ceimic

CLIENT Naval Base Charleston
PROJECT MANAGER Charlie Verney
ADDRESS Zone H
TELEPHONE NO. 803-884-0029
PROJECT NAME/NUMBER 2908-08420
FAX. NO. 803-856-0107
SAMPLERS: (SIGNATURE)

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	Explosives							REMARKS
NBCH 6615B00101	8-1-97	1330	Soil	9oz Glass	4°C	None	1	X							7 Day Turn
NBCH 6615B00201	8-1-97	1340	↓	↓	↓	↓	1	X							
NBCH 6615B00301	8-1-97	1335	↓	↓	↓	↓	1	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	8/1/97	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Todd B Temple		PRINTED		PRINTED		PRINTED	
COMPANY ENSAFE	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Ship to Lab	1600	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fedex
SHIPMENT NO. 566 364 7640
SPECIAL INSTRUCTION: Store Ceimic

COMMENTS: DO3 + TCD

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

CLNCOCR1

APPENDIX C

AOC 665 SOIL ANALYTICAL DATA

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-DIOXI

SAMPLE ID ------->	665-C-8002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	IK1120-1
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/15/94
MATRIX ---------->	Soil
UNITS ---------->	PG/G

CAS #	Parameter	APX02	VAL
1746-01-6	2378-TCDD		
19408-74-3	123789-HxCDD	1.3444	EMPC
3268-87-9	OCDD	177.87	J
35822-46-9	1234678-HpCDD	15.0242	J
39001-02-0	OCDF		
39227-28-6	123478-HxCDD	0.3881	EMPC
40321-76-4	12378-PeCDD		
51207-31-9	2378-TCDF		
55673-89-7	1234789-HpCDF		
57117-31-4	23478-PeCDF		
57117-41-6	12378-PeCDF		
57117-44-9	123678-HxCDF		
57653-85-7	123678-HxCDD	0.6949	EMPC
60851-34-5	234678-HxCDF		
67562-39-4	1234678-HpCDF		
70648-26-9	123478-HxCDF		
72918-21-9	123789-HxCDF		
41903-57-5	Total Tetra-Dioxins	2.7833	EMPC
36088-22-9	Total Penta-Dioxins	2.5838	EMPC
34465-46-8	Total Hexa-Dioxins	30.744	J
37871-00-4	Total Hepta-Dioxins	45.4523	J
55722-27-5	Total Tetra-Furans		
30602-15-4	Total Penta-Furans	0.8955	EMPC
55684-94-1	Total Hexa-Furans		
38998-75-3	Total Hepta-Furans	4.7839	EMPC

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-HERB

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	08/31/94
DATE ANALYZED --->	09/13/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
93-72-1	2,4,5-TP (Silvex)		
93-76-5	2,4,5-T		
94-75-7	2,4-D		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-METAL

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	41334-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	08/29/94
DATE ANALYZED --->	08/30/94
MATRIX ---------->	Soil
UNITS ----------->	MG/KG

CAS #	Parameter	APX02	VAL
7439-92-1	Lead (Pb)		
7439-97-6	Mercury (Hg)		
7440-02-0	Nickel (Ni)		
7440-22-4	Silver (Ag)		
7440-31-5	Tin (Sn)	2.2	J
7440-36-0	Antimony (Sb)		
7440-38-2	Arsenic (As)	3.3	J
7440-39-3	Barium (Ba)		
7440-41-7	Beryllium (Be)	0.19	J
7440-43-9	Cadmium (Cd)		
7440-47-3	Chromium (Cr)	5.4	
7440-48-4	Cobalt (Co)		
7440-50-8	Copper (Cu)		
7440-62-2	Vanadium (V)	5.8	
7440-66-6	Zinc (Zn)		
7782-49-2	Selenium (Se)		
7440-28-0	Thallium (Tl)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-OP PE

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJ1-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/08/94
DATE ANALYZED --->	09/09/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
126-68-1	O,O,O-Triethylphosphorothioate		
297-97-2	Thionazin		
298-00-0	Methyl parathion		
298-02-2	Phorate		
298-04-4	Disulfoton		
3689-24-5	Sulfotep		
52-85-7	Famphur		
56-38-2	Parathion		
60-51-5	Dimethoate		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-PEST

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/02/94
DATE ANALYZED --->	09/08/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
309-00-2	Aldrin		
319-84-6	alpha-BHC		
319-85-7	beta-BHC		
319-86-8	delta-BHC		
58-89-9	gamma-BHC (Lindane)		
5103-71-9	alpha-Chlordane		
5103-74-2	gamma-Chlordane		
510-15-6	Chlorobenzilate		
72-54-8	4,4'-DDD		
72-55-9	4,4'-DDE		
50-29-3	4,4'-DDT		
2303-16-4	Diallate		
60-57-1	Dieldrin		
959-98-8	Endosulfan I		
33213-65-9	Endosulfan II		
1031-07-8	Endosulfan sulfate		
72-20-8	Endrin		
7421-93-4	Endrin aldehyde		
76-44-8	Heptachlor		
1024-57-3	Heptachlor epoxide		
465-73-6	Isodrin		
143-50-0	Kepone		
72-43-5	Methoxychlor		
8001-35-2	Toxaphene		
12674-11-2	Aroclor-1016		
11104-28-2	Aroclor-1221		
11141-16-5	Aroclor-1232		
53469-21-9	Aroclor-1242		
12672-29-6	Aroclor-1248		
11097-69-1	Aroclor-1254		
11096-82-5	Aroclor-1260		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/09/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
83-32-9	Acenaphthene		
208-96-8	Acenaphthylene		
98-86-2	Acetophenone		
53-96-3	Acetamidofluorene		
92-67-1	4-Aminobiphenyl		
62-53-3	Aniline		
120-12-7	Anthracene		
140-57-8	Aramite		
56-55-3	Benzo(a)anthracene		
205-99-2	Benzo(b)fluoranthene		
207-08-9	Benzo(k)fluoranthene		
191-24-2	Benzo(g,h,i)perylene		
50-32-8	Benzo(a)pyrene		
100-51-6	Benzyl alcohol		
111-91-1	bis(2-Chloroethoxy)methane		
111-44-4	bis(2-Chloroethyl)ether		
108-60-1	2,2'-oxybis(1-Chloropropane)		
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)		
101-55-3	4-Bromophenyl-phenylether		
85-68-7	Butylbenzylphthalate		
106-47-8	4-Chloroaniline		
59-50-7	4-Chloro-3-methylphenol		
91-58-7	2-Chloronaphthalene		
95-57-8	2-Chlorophenol		
7005-72-3	4-Chlorophenylphenylether		
218-01-9	Chrysene		
95-48-7	2-Methylphenol (o-Cresol)		
108-39-4	3-Methylphenol (m-Cresol)		
106-44-5	4-Methylphenol (p-Cresol)		
53-70-3	Dibenz(a,h)anthracene		
132-64-9	Dibenzofuran		
95-50-1	1,2-Dichlorobenzene		
541-73-1	1,3-Dichlorobenzene		
106-46-7	1,4-Dichlorobenzene		
91-94-1	3,3'-Dichlorobenzidine		
120-83-2	2,4-Dichlorophenol		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/09/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
87-65-0	2,6-Dichlorophenol		
84-66-2	Diethylphthalate		
60-11-7	p-(Dimethylamino)azobenzene		
57-97-6	7,12-Dimethylbenz(a)anthracene		
119-93-7	3,3-Dimethylbenzidine		
122-09-8	a,a-Dimethylphenethylamine		
131-11-3	Dimethyl phthalate		
105-67-9	2,4-Dimethylphenol		
84-74-2	Di-n-butylphthalate		
99-65-0	1,3-Dinitrobenzene		
534-52-1	2-Methyl-4,6-Dinitrophenol		
51-28-5	2,4-Dinitrophenol		
88-85-7	Dinoseb		
121-14-2	2,4-Dinitrotoluene		
606-20-2	2,6-Dinitrotoluene		
117-84-0	Di-n-octyl phthalate		
122-39-4	Diphenylamine		
97-63-2	Ethyl methacrylate		
62-50-0	Ethyl methanesulfonate		
206-44-0	Fluoranthene		
86-73-7	Fluorene		
118-74-1	Hexachlorobenzene		
87-68-3	Hexachlorobutadiene		
77-47-4	Hexachlorocyclopentadiene		
67-72-1	Hexachloroethane		
70-30-4	Hexachlorophene		
1888-71-7	Hexachloropropene		
193-39-5	Indeno(1,2,3-cd)pyrene		
78-59-1	Isophorone		
120-58-1	Isosafrole		
91-80-5	Methapyrilene		
56-49-5	3-Methyl cholanthrene		
80-62-6	Methyl methacrylate		
66-27-3	Methyl methanesulfonate		
91-57-6	2-Methylnaphthalene		
91-20-3	Naphthalene		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/09/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
130-15-4	1,4-Naphthoquinone		
134-32-7	1-Naphthylamine		
91-59-8	2-Naphthylamine		
88-74-4	2-Nitroaniline		
99-09-2	3-Nitroaniline		
100-01-6	4-Nitroaniline		
98-95-3	Nitrobenzene		
88-75-5	2-Nitrophenol		
100-02-7	4-Nitrophenol		
56-57-5	4-Nitroquinoline 1-oxide		
924-16-3	N-Nitroso-di-n-butylamine		
55-18-5	N-Nitrosodiethylamine		
62-75-9	N-Nitrosodimethylamine		
86-30-6	N-Nitrosodiphenylamine		
621-64-7	N-Nitroso-di-n-propylamine		
10595-95-6	N-Nitrosomethylethylamine		
59-89-2	N-Nitrosomorpholine		
100-75-4	N-Nitrosopiperidine		
930-55-2	N-Nitrosopyrrolidine		
99-55-8	5-Nitro-o-toluidine		
608-93-5	Pentachlorobenzene		
76-01-7	Pentachloroethane		
82-68-8	Pentachloronitrobenzene		
87-86-5	Pentachlorophenol		
62-44-2	Phenacetin		
85-01-8	Phenanthrene		
108-95-2	Phenol		
106-50-3	p-Phenylenediamine		
109-06-8	2-Picoline		
23950-58-5	Pronamide		
129-00-0	Pyrene		
110-86-1	Pyridine		
94-59-7	Safrole		
95-94-3	1,2,4,5-Tetrachlorobenzene		
58-90-2	2,3,4,6-Tetrachlorophenol		
95-53-4	o-Toluidine		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-SVOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/06/94
DATE ANALYZED --->	09/09/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
120-82-1	1,2,4-Trichlorobenzene		
95-95-4	2,4,5-Trichlorophenol		
88-06-2	2,4,6-Trichlorophenol		
99-35-4	1,3,5-Trinitrobenzene		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-VOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJ1-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/03/94
DATE ANALYZED --->	09/03/94
MATRIX ---------->	Soil
UNITS ----------->	UG/KG

CAS #	Parameter	APX02	VAL
67-64-1	Acetone		
75-05-8	Acetonitrile		
107-02-8	Acrolein		
107-13-1	Acrylonitrile		
107-05-1	3-Chloropropene		
71-43-2	Benzene		
75-27-4	Bromodichloromethane		
75-25-2	Bromoform		
75-15-0	Carbon disulfide		
56-23-5	Carbon tetrachloride		
108-90-7	Chlorobenzene		
75-00-3	Chloroethane		
67-66-3	Chloroform		
126-99-8	Chloroprene		
124-48-1	Dibromochloromethane		
96-12-8	1,2-Dibromo-3-Chloropropane		
106-93-4	1, 2-Dibromoethane		
110-57-6	trans-1,4-Dichloro-2-butene		
75-71-8	Dichlorodifluoromethane		
75-34-3	1,1-Dichloroethane		
107-06-2	1,2-Dichloroethane		
75-35-4	1,1-Dichloroethene		
156-60-5	trans-1,2-Dichloroethene		
78-87-5	1,2-Dichloropropane		
10061-01-5	cis-1,3-Dichloropropene		
10061-02-6	trans-1,3-Dichloropropene		
123-91-1	1,4-Dioxane		
100-41-4	Ethylbenzene		
591-78-6	2-Hexanone		
78-83-1	Isobutyl alcohol		
126-98-7	Methacrylonitrile		
74-83-9	Bromomethane		
74-87-3	Chloromethane		
74-95-3	Methylene bromide		
75-09-2	Methylene chloride		
78-93-3	2-Butanone (MEK)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

APX9-VOA

SAMPLE ID ------->	665-C-B002-02
ORIGINAL ID ----->	665CB00202
LAB SAMPLE ID --->	TJI-001
ID FROM REPORT -->	082721
SAMPLE DATE ----->	08/26/94
DATE EXTRACTED -->	09/03/94
DATE ANALYZED --->	09/03/94
MATRIX ---------->	Soil
UNITS ---------->	UG/KG

CAS #	Parameter	APX02	VAL
74-88-4	Methyl iodide		
108-10-1	4-Methyl-2-Pentanone (MIBK)		
107-12-0	Propionitrile		
100-42-5	Styrene		
630-20-6	1,1,1,2-Tetrachloroethane		
79-34-5	1,1,2,2-Tetrachloroethane		
127-18-4	Tetrachloroethene		
108-88-3	Toluene	6.3	
71-55-6	1,1,1-Trichloroethane		
79-00-5	1,1,2-Trichloroethane		
79-01-6	Trichloroethene		
75-69-4	Trichlorofluoromethane		
96-18-4	1,2,3-Trichloropropane		
108-05-4	Vinyl acetate		
75-01-4	Vinyl chloride		
1330-20-7	Xylene (Total)		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

CYANIDE													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-C-B002-02		665-S-B003-01	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665CB00202		665SB00301	
	LAB SAMPLE ID --->	41332-026		41332-027		41332-028		41332-029		41334-001		41332-030	
	ID FROM REPORT -->	082701		082702		082703		082704		082721		082705	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE ANALYZED --->	08/30/94		08/30/94		08/30/94		08/30/94		08/30/94		08/30/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	APX02	VAL	CHS07	VAL
57-12-5	Cyanide (CN)												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

CYANIDE											
		SAMPLE ID ------->	665-S-B003-02		665-S-B004-01		665-S-B004-02				
		ORIGINAL ID ----->	665SB00302		665SB00401		665SB00402				
		LAB SAMPLE ID --->	41332-031		41332-032		41332-033				
		ID FROM REPORT -->	082706		082707		082708				
		SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94				
		DATE EXTRACTED -->	08/29/94		08/29/94		08/29/94				
		DATE ANALYZED --->	08/30/94		08/30/94		08/30/94				
		MATRIX ---------->	Soil		Soil		Soil				
		UNITS ----------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter		CHS07	VAL	CHS07	VAL	CHS07	VAL			
57-12-5	Cyanide (CN)										

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

HEXACHROME							
	SAMPLE ID ------->	665-C-B002-02					
	ORIGINAL ID ----->	665CB00202					
	LAB SAMPLE ID --->	41334-001					
	ID FROM REPORT -->	082721					
	SAMPLE DATE ----->	08/26/94					
	DATE ANALYZED --->	08/29/94					
	MATRIX ---------->	Soil					
	UNITS ---------->	MG/KG					
CAS #	Parameter	APX02	VAL				
999900-00-5	Hexavalent Chromium						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-META	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-S-B003-01		665-S-B003-02	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665SB00301		665SB00302	
	LAB SAMPLE ID --->	41332-026		41332-027		41332-028		41332-029		41332-030		41332-031	
	ID FROM REPORT -->	082701		082702		082703		082704		082705		082706	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE ANALYZED --->	08/30/94		08/30/94		08/30/94		08/30/94		08/30/94		08/30/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL
7429-90-5	Aluminum (Al)	5670.		830.		8000.		1100.		7090.		2830.	
7439-89-6	Iron (Fe)	2430.		2410.		6370.		2060.		8510.		6250.	
7439-92-1	Lead (Pb)	4.3		2.2		9.5		2.2		11.4		5.3	
7440-02-0	Nickel (Ni)	1.6	J	1.3	J	5.1		1.	J	3.9	J	6.4	
7440-09-7	Potassium (K)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)	27.1	J	241.	J	246.	J	133.	J	101.	J	538.	J
7440-28-0	Thallium (Tl)												
7440-36-0	Antimony (Sb)							1.4	J				
7440-38-2	Arsenic (As)	1.3		4.4		4.4		2.4		5.9		9.	
7440-39-3	Barium (Ba)	8.	J	4.1	J	12.5	J	5.1	J	14.1	J		
7440-41-7	Beryllium (Be)	0.04	J	0.21	J	0.21	J	0.14	J	0.24	J	0.31	J
7440-43-9	Cadmium (Cd)												
7440-48-4	Cobalt (Co)	1.1	J	0.76	J	1.2	J	0.38	J	1.6	J	1.	J
7440-50-8	Copper (Cu)	1.6	J	0.64	J	4.		1.1	J	39.1		10.2	
7440-62-2	Vanadium (V)	10.2		3.8	J	15.5		3.5	J	21.6		15.5	
7440-66-6	Zinc (Zn)									23.		34.5	
7782-49-2	Selenium (Se)												
7439-97-6	Mercury (Hg)	0.03	J	0.02	J					0.05		0.05	
7439-95-4	Magnesium (Mg)	161.	J	201.	J	908.		286.	J	794.		2110.	
7439-96-5	Manganese (Mn)	5.9		31.		35.7		22.		63.9		135.	
7440-70-2	Calcium (Ca)	1200.		14800.		23400.		8790.		10100.		126000.	
7440-47-3	Chromium (Cr)	5.9		4.		12.8		3.8		12.3		20.7	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-META

	SAMPLE ID ------->	665-S-B004-01		665-S-B004-02				
	ORIGINAL ID ----->	665SB00401		665SB00402				
	LAB SAMPLE ID --->	41332-032		41332-033				
	ID FROM REPORT -->	082707		082708				
	SAMPLE DATE ----->	08/26/94		08/26/94				
	DATE EXTRACTED -->	08/29/94		08/29/94				
	DATE ANALYZED --->	08/30/94		08/30/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	CHS07	VAL	CHS07	VAL			
7429-90-5	Aluminum (Al)	4540.		2150.				
7439-89-6	Iron (Fe)	3920.		3500.				
7439-92-1	Lead (Pb)	51.4						
7440-02-0	Nickel (Ni)	10.1		4.2	J			
7440-09-7	Potassium (K)							
7440-22-4	Silver (Ag)							
7440-23-5	Sodium (Na)	53.7	J	398.	J			
7440-28-0	Thallium (Tl)							
7440-36-0	Antimony (Sb)							
7440-38-2	Arsenic (As)	7.9		7.				
7440-39-3	Barium (Ba)	13.7	J					
7440-41-7	Beryllium (Be)	0.1	J	0.22	J			
7440-43-9	Cadmium (Cd)	0.81		0.19	J			
7440-48-4	Cobalt (Co)	1.5	J	0.6	J			
7440-50-8	Copper (Cu)	30.		3.				
7440-62-2	Vanadium (V)	36.9		10.8				
7440-66-6	Zinc (Zn)	111.		18.				
7782-49-2	Selenium (Se)							
7439-97-6	Mercury (Hg)	0.1						
7439-95-4	Magnesium (Mg)	481.	J	1770.				
7439-96-5	Manganese (Mn)	30.9		41.5				
7440-70-2	Calcium (Ca)	5920.		87100.				
7440-47-3	Chromium (Cr)	17.4		17.5				
7440-31-5	Tin (Sn)	NR		NR				

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-PEST													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-S-B003-01		665-S-B003-02	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665SB00301		665SB00302	
	LAB SAMPLE ID --->	41332-014		41332-015		41332-016		41332-017		41332-018		41332-019	
	ID FROM REPORT -->	082701		082702		082703		082704		082705		082706	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	08/30/94		08/30/94		08/30/94		08/30/94		08/30/94		08/30/94	
	DATE ANALYZED --->	09/10/94		09/10/94		09/10/94		09/10/94		09/17/94		09/20/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL
11097-69-1	Aroclor-1254												
11104-28-2	Aroclor-1221												
11141-16-5	Aroclor-1232												
12672-29-6	Aroclor-1248												
11096-82-5	Aroclor-1260												
12674-11-2	Aroclor-1016												
53469-21-9	Aroclor-1242												
1024-57-3	Heptachlor epoxide												
1031-07-8	Endosulfan sulfate												
309-00-2	Aldrin												
319-84-6	alpha-BHC												
319-85-7	beta-BHC												
319-86-8	delta-BHC												
33213-65-9	Endosulfan II												
50-29-3	4,4'-DDT					13.				10.	J		
5103-71-9	alpha-Chlordane					3.	J			5.		670.	
5103-74-2	gamma-Chlordane					4.				4.		650.	
53494-70-5	Endrin ketone												
58-89-9	gamma-BHC (Lindane)												
60-57-1	Dieldrin												
72-20-8	Endrin												
72-43-5	Methoxychlor												
72-54-8	4,4'-DDD												
72-55-9	4,4'-DDE			3.	J	8.				4.			
7421-93-4	Endrin aldehyde												
76-44-8	Heptachlor												
8001-35-2	Toxaphene												
959-98-8	Endosulfan I											140.	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-PEST								
	SAMPLE ID ------->	665-S-B004-01		665-S-B004-02				
	ORIGINAL ID ----->	665SB00401		665SB00402				
	LAB SAMPLE ID --->	41332-020		41332-021				
	ID FROM REPORT -->	082707		082708				
	SAMPLE DATE ----->	08/26/94		08/26/94				
	DATE EXTRACTED -->	08/30/94		08/30/94				
	DATE ANALYZED --->	09/17/94		09/17/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	CHS07	VAL	CHS07	VAL			
11097-69-1	Aroclor-1254							
11104-28-2	Aroclor-1221							
11141-16-5	Aroclor-1232							
12672-29-6	Aroclor-1248							
11096-82-5	Aroclor-1260							
12674-11-2	Aroclor-1016							
53469-21-9	Aroclor-1242							
1024-57-3	Heptachlor epoxide	8.						
1031-07-8	Endosulfan sulfate							
309-00-2	Aldrin							
319-84-6	alpha-BHC							
319-85-7	beta-BHC							
319-86-8	delta-BHC							
33213-65-9	Endosulfan II	4.	J					
50-29-3	4,4'-DDT	13.	J					
5103-71-9	alpha-Chlordane	11.						
5103-74-2	gamma-Chlordane	18.						
53494-70-5	Endrin ketone							
58-89-9	gamma-BHC (Lindane)							
60-57-1	Dieldrin							
72-20-8	Endrin							
72-43-5	Methoxychlor							
72-54-8	4,4'-DDD							
72-55-9	4,4'-DDE	6.						
7421-93-4	Endrin aldehyde							
76-44-8	Heptachlor							
8001-35-2	Toxaphene							
959-98-8	Endosulfan I							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-SVOA													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-S-B003-01		665-S-B003-02	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665SB00301		665SB00302	
	LAB SAMPLE ID --->	41332-014		41332-015		41332-016		41332-017		41332-018		41332-019	
	ID FROM REPORT -->	082701		082702		082703		082704		082705		082706	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	09/09/94		09/09/94		09/09/94		09/09/94		09/09/94		09/09/94	
	DATE ANALYZED --->	09/16/94		09/19/94		09/19/94		09/19/94		09/19/94		09/16/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL
62-75-9	N-Nitrosodimethylamine												
606-20-2	2,6-Dinitrotoluene												
108-95-2	Phenol												
99-09-2	3-Nitroaniline												
62-53-3	Aniline												
83-32-9	Acenaphthene												
111-44-4	bis(2-Chloroethyl)ether												
51-28-5	2,4-Dinitrophenol												
95-57-8	2-Chlorophenol												
100-02-7	4-Nitrophenol												
541-73-1	1,3-Dichlorobenzene												
132-64-9	Dibenzofuran												
106-46-7	1,4-Dichlorobenzene												
121-14-2	2,4-Dinitrotoluene												
100-51-6	Benzyl alcohol												
84-66-2	Diethylphthalate												
95-50-1	1,2-Dichlorobenzene												
7005-72-3	4-Chlorophenylphenylether												
95-48-7	2-Methylphenol (o-Cresol)												
86-73-7	Fluorene												
108-60-1	2,2'-oxybis(1-Chloropropane)												
100-01-6	4-Nitroaniline												
106-44-5	4-Methylphenol (p-Cresol)												
534-52-1	2-Methyl-4,6-Dinitrophenol												
621-64-7	N-Nitroso-di-n-propylamine												
86-30-6	N-Nitrosodiphenylamine												
67-72-1	Hexachloroethane												
101-55-3	4-Bromophenyl-phenylether												
98-95-3	Nitrobenzene												
118-74-1	Hexachlorobenzene												
78-59-1	Isophorone												
87-86-5	Pentachlorophenol												
88-75-5	2-Nitrophenol												
85-01-8	Phenanthrene					320.	J						
105-67-9	2,4-Dimethylphenol												
120-12-7	Anthracene									150.	J		

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-SVOA													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-S-B003-01		665-S-B003-02	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665SB00301		665SB00302	
	LAB SAMPLE ID --->	41332-014		41332-015		41332-016		41332-017		41332-018		41332-019	
	ID FROM REPORT -->	082701		082702		082703		082704		082705		082706	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	09/09/94		09/09/94		09/09/94		09/09/94		09/09/94		09/09/94	
	DATE ANALYZED --->	09/16/94		09/19/94		09/19/94		09/19/94		09/19/94		09/16/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL
65-85-0	Benzoic acid												
84-74-2	Di-n-butylphthalate												
111-91-1	bis(2-Chloroethoxy)methane												
206-44-0	Fluoranthene					370.	J						
120-83-2	2,4-Dichlorophenol												
92-87-5	Benzidine												
120-82-1	1,2,4-Trichlorobenzene												
129-00-0	Pyrene					280.	J						
91-20-3	Naphthalene												
85-68-7	Butylbenzylphthalate												
106-47-8	4-Chloroaniline												
91-94-1	3,3'-Dichlorobenzidine												
87-68-3	Hexachlorobutadiene												
56-55-3	Benzo(a)anthracene					170.	J						
59-50-7	4-Chloro-3-methylphenol												
218-01-9	Chrysene					170.	J						
91-57-6	2-Methylnaphthalene												
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)											150.	J
77-47-4	Hexachlorocyclopentadiene												
117-84-0	Di-n-octyl phthalate												
88-06-2	2,4,6-Trichlorophenol												
205-99-2	Benzo(b)fluoranthene					120.	J						
95-95-4	2,4,5-Trichlorophenol												
207-08-9	Benzo(k)fluoranthene					150.	J						
91-58-7	2-Chloronaphthalene												
50-32-8	Benzo(a)pyrene					120.	J			77.	J		
88-74-4	2-Nitroaniline												
193-39-5	Indeno(1,2,3-cd)pyrene									81.	J		
131-11-3	Dimethyl phthalate												
53-70-3	Dibenz(a,h)anthracene												
208-96-8	Acenaphthylene												
191-24-2	Benzo(g,h,i)perylene									100.	J		
110-86-1	Pyridine	NR		NR		NR		NR		NR		NR	
103-33-3	Azobenzene	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-SVOA

SAMPLE ID ------->	665-S-B004-01		665-S-B004-02				
ORIGINAL ID ----->	665SB00401		665SB00402				
LAB SAMPLE ID --->	41332-020		41332-021				
ID FROM REPORT -->	082707		082708				
SAMPLE DATE ----->	08/26/94		08/26/94				
DATE EXTRACTED -->	09/09/94		09/09/94				
DATE ANALYZED --->	09/19/94		09/16/94				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	CHS07	VAL	CHS07	VAL			
62-75-9 N-Nitrosodimethylamine							
606-20-2 2,6-Dinitrotoluene							
108-95-2 Phenol							
99-09-2 3-Nitroaniline							
62-53-3 Aniline							
83-32-9 Acenaphthene							
111-44-4 bis(2-Chloroethyl)ether							
51-28-5 2,4-Dinitrophenol							
95-57-8 2-Chlorophenol							
100-02-7 4-Nitrophenol							
541-73-1 1,3-Dichlorobenzene							
132-64-9 Dibenzofuran							
106-46-7 1,4-Dichlorobenzene							
121-14-2 2,4-Dinitrotoluene							
100-51-6 Benzyl alcohol							
84-66-2 Diethylphthalate							
95-50-1 1,2-Dichlorobenzene							
7005-72-3 4-Chlorophenylphenylether							
95-48-7 2-Methylphenol (o-Cresol)							
86-73-7 Fluorene							
108-60-1 2,2'-oxybis(1-Chloropropane)							
100-01-6 4-Nitroaniline							
106-44-5 4-Methylphenol (p-Cresol)							
534-52-1 2-Methyl-4,6-Dinitrophenol							
621-64-7 N-Nitroso-di-n-propylamine							
86-30-6 N-Nitrosodiphenylamine							
67-72-1 Hexachloroethane							
101-55-3 4-Bromophenyl-phenylether							
98-95-3 Nitrobenzene							
118-74-1 Hexachlorobenzene							
78-59-1 Isophorone							
87-86-5 Pentachlorophenol							
88-75-5 2-Nitrophenol							
85-01-8 Phenanthrene							
105-67-9 2,4-Dimethylphenol							
120-12-7 Anthracene							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-SVOA								
	SAMPLE ID ------->	665-S-B004-01		665-S-B004-02				
	ORIGINAL ID ----->	665SB00401		665SB00402				
	LAB SAMPLE ID --->	41332-020		41332-021				
	ID FROM REPORT -->	082707		082708				
	SAMPLE DATE ----->	08/26/94		08/26/94				
	DATE EXTRACTED -->	09/09/94		09/09/94				
	DATE ANALYZED --->	09/19/94		09/16/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	CHS07	VAL	CHS07	VAL			
65-85-0	Benzoic acid							
84-74-2	Di-n-butylphthalate							
111-91-1	bis(2-Chloroethoxy)methane							
206-44-0	Fluoranthene							
120-83-2	2,4-Dichlorophenol							
92-87-5	Benzidine							
120-82-1	1,2,4-Trichlorobenzene							
129-00-0	Pyrene							
91-20-3	Naphthalene							
85-68-7	Butylbenzylphthalate							
106-47-8	4-Chloroaniline							
91-94-1	3,3'-Dichlorobenzidine							
87-68-3	Hexachlorobutadiene							
56-55-3	Benzo(a)anthracene							
59-50-7	4-Chloro-3-methylphenol							
218-01-9	Chrysene							
91-57-6	2-Methylnaphthalene							
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	130.	J					
77-47-4	Hexachlorocyclopentadiene							
117-84-0	Di-n-octyl phthalate							
88-06-2	2,4,6-Trichlorophenol							
205-99-2	Benzo(b)fluoranthene							
95-95-4	2,4,5-Trichlorophenol							
207-08-9	Benzo(k)fluoranthene							
91-58-7	2-Chloronaphthalene							
50-32-8	Benzo(a)pyrene							
88-74-4	2-Nitroaniline							
193-39-5	Indeno(1,2,3-cd)pyrene							
131-11-3	Dimethyl phthalate							
53-70-3	Dibenz(a,h)anthracene							
208-96-8	Acenaphthylene							
191-24-2	Benzo(g,h,i)perylene							
110-86-1	Pyridine	NR		NR				
103-33-3	Azobenzene	NR		NR				
86-74-8	Carbazole	NR		NR				

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-VOA													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-S-B003-01		665-S-B003-02	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665SB00301		665SB00302	
	LAB SAMPLE ID --->	41332-001		41332-002		41332-003		41332-004		41332-005		41332-006	
	ID FROM REPORT -->	082701		082702		082703		082704		082705		082706	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE ANALYZED --->	08/30/94		08/30/94		08/30/94		08/30/94		08/31/94		08/31/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL
100-41-4	Ethylbenzene												
100-42-5	Styrene												
10061-01-5	cis-1,3-Dichloropropene												
10061-02-6	trans-1,3-Dichloropropene												
107-06-2	1,2-Dichloroethane												
108-05-4	Vinyl acetate												
108-10-1	4-Methyl-2-Pentanone (MIBK)												
108-88-3	Toluene	4.2	J			3.9	J	3.1	J			10.	
108-90-7	Chlorobenzene												
109-99-9	Tetrahydrofuran												
124-48-1	Dibromochloromethane												
127-18-4	Tetrachloroethene												
1330-20-7	Xylene (Total)												
540-59-0	1,2-Dichloroethene (total)												
56-23-5	Carbon tetrachloride												
591-78-6	2-Hexanone												
67-64-1	Acetone					34.		40.		210.		96.	
67-66-3	Chloroform												
71-43-2	Benzene												
71-55-6	1,1,1-Trichloroethane												
74-83-9	Bromomethane												
74-87-3	Chloromethane												
75-00-3	Chloroethane												
75-01-4	Vinyl chloride												
75-09-2	Methylene chloride												
75-15-0	Carbon disulfide												
75-25-2	Bromoform												
75-27-4	Bromodichloromethane												
75-34-3	1,1-Dichloroethane												
75-35-4	1,1-Dichloroethene												
75-69-4	Trichlorofluoromethane												
78-87-5	1,2-Dichloropropane												
78-93-3	2-Butanone (MEK)												
79-00-5	1,1,2-Trichloroethane												
79-01-6	Trichloroethene												
79-34-5	1,1,2,2-Tetrachloroethane												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

SW846-VOA							
	SAMPLE ID ------->	665-S-B004-01	665-S-B004-02				
	ORIGINAL ID ----->	665SB00401	665SB00402				
	LAB SAMPLE ID --->	41332-007	41332-008				
	ID FROM REPORT -->	082707	082708				
	SAMPLE DATE ----->	08/26/94	08/26/94				
	DATE ANALYZED --->	08/31/94	08/31/94				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	UG/KG	UG/KG				
CAS #	Parameter	CHS07 VAL	CHS07 VAL				
100-41-4	Ethylbenzene						
100-42-5	Styrene						
10061-01-5	cis-1,3-Dichloropropene						
10061-02-6	trans-1,3-Dichloropropene						
107-06-2	1,2-Dichloroethane						
108-05-4	Vinyl acetate						
108-10-1	4-Methyl-2-Pentanone (MIBK)						
108-88-3	Toluene		7.				
108-90-7	Chlorobenzene						
109-99-9	Tetrahydrofuran						
124-48-1	Dibromochloromethane						
127-18-4	Tetrachloroethene						
1330-20-7	Xylene (Total)						
540-59-0	1,2-Dichloroethene (total)						
56-23-5	Carbon tetrachloride						
591-78-6	2-Hexanone						
67-64-1	Acetone		59.				
67-66-3	Chloroform						
71-43-2	Benzene						
71-55-6	1,1,1-Trichloroethane						
74-83-9	Bromomethane						
74-87-3	Chloromethane						
75-00-3	Chloroethane						
75-01-4	Vinyl chloride						
75-09-2	Methylene chloride						
75-15-0	Carbon disulfide						
75-25-2	Bromoform						
75-27-4	Bromodichloromethane						
75-34-3	1,1-Dichloroethane						
75-35-4	1,1-Dichloroethene						
75-69-4	Trichlorofluoromethane						
78-87-5	1,2-Dichloropropane						
78-93-3	2-Butanone (MEK)						
79-00-5	1,1,2-Trichloroethane						
79-01-6	Trichloroethene						
79-34-5	1,1,2,2-Tetrachloroethane						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

TPH-IR													
	SAMPLE ID ------->	665-S-B001-01		665-S-B001-02		665-S-B002-01		665-S-B002-02		665-C-B002-02		665-S-B003-01	
	ORIGINAL ID ----->	665SB00101		665SB00102		665SB00201		665SB00202		665CB00202		665SB00301	
	LAB SAMPLE ID --->	41332-038		41332-039		41332-040		41332-041		41334-001		41332-042	
	ID FROM REPORT -->	082701		082702		082703		082704		082721		082705	
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94		08/26/94		08/26/94		08/26/94	
	DATE EXTRACTED -->	09/08/94		09/08/94		09/08/94		09/08/94		09/07/94		09/08/94	
	DATE ANALYZED --->	09/09/94		09/09/94		09/09/94		09/09/94		09/08/94		09/09/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL	CHS07	VAL	APX02	VAL	CHS07	VAL
9999900-02-4	Petroleum Hydrocarbons, TPH					200.						94.	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 665 Soil Analytical Data

TPH-IR									
	SAMPLE ID ------->	665-S-B003-02		665-S-B004-01		665-S-B004-02			
	ORIGINAL ID ----->	665SB00302		665SB00401		665SB00402			
	LAB SAMPLE ID --->	41332-043		41332-044		41332-045			
	ID FROM REPORT -->	082706		082707		082708			
	SAMPLE DATE ----->	08/26/94		08/26/94		08/26/94			
	DATE EXTRACTED -->	09/08/94		09/08/94		09/08/94			
	DATE ANALYZED --->	09/09/94		09/09/94		09/09/94			
	MATRIX ---------->	Soil		Soil		Soil			
	UNITS ---------->	MG/KG		MG/KG		MG/KG			
CAS #	Parameter	CHS07	VAL	CHS07	VAL	CHS07	VAL		
999900-02-4	Petroleum Hydrocarbons, TPH								

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
AOC 665 Analytical Data for Soil

EXPLOSIVES											
	SAMPLE ID ------->	665-S-B005-01		665-S-B005-02		665-S-B006-01		665-S-B007-01		665-S-B007-02	
	ORIGINAL ID ----->	665SB00501		665SB00502		665SB00601		665SB00701		665SB00702	
	LAB SAMPLE ID --->	7920-04		7920-05		7920-03		7920-01		7920-02	
	ID FROM REPORT -->	665SB00501		665SB00502		665SB00601		665SB00701		665SB00702	
	SAMPLE DATE ----->	07/14/97		07/14/97		07/14/97		07/14/97		07/14/97	
	DATE EXTRACTED -->	07/17/97		07/17/97		07/17/97		07/17/97		07/17/97	
	DATE ANALYZED --->	07/25/97		07/25/97		07/25/97		07/25/97		07/25/97	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	7920		7920		7920		7920		7920	
118-96-7	Trinitrotoluene, 2,4,6- (TNT)	495.	U	498.	U	500.	U	500.	U	498.	U
121-14-2	2,4-Dinitrotoluene	495.	U	498.	U	500.	U	500.	U	498.	U
121-82-4	RDX (Cyclonite)	495.	U	498.	U	500.	U	500.	U	498.	U
19406-51-0	4-AM-DNT	495.	U	498.	U	500.	U	500.	U	498.	U
25377-32-6	1,3,5-Trinitrobenzene	495.	U	498.	U	500.	U	500.	U	498.	U
2691-41-0	HMX	495.	U	498.	U	500.	U	500.	U	498.	U
35572-78-2	2-Am-DNT	495.	U	498.	U	500.	U	500.	U	498.	U
479-45-8	Tetryl	495.	U	498.	U	500.	U	500.	U	498.	U
606-20-2	2,6-Dinitrotoluene	495.	U	498.	U	500.	U	500.	U	498.	U
88-72-2	o-Nitrotoluene	495.	U	498.	U	500.	U	500.	U	498.	U
98-95-3	Nitrobenzene	495.	U	498.	U	500.	U	500.	U	498.	U
99-09-2	3-Nitroaniline	495.	U	498.	U	500.	U	500.	U	498.	U
99-65-0	1,3-Dinitrobenzene	495.	U	498.	U	500.	U	500.	U	498.	U
99-99-0	p-Nitrotoluene	495.	U	498.	U	500.	U	500.	U	498.	U

PAGE 1 OF 1

CTO-TASK: PO.3

COC #:

BPA/SO: Release #18

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

CLIENT: Navy Base Charleston

ADDRESS: Zone H

PROJECT NAME/NUMBER: 290808420

SAMPLERS: (SIGNATURE) [signature]

PROJECT MANAGER: Charlie Verney

TELEPHONE NO.: 803-884-0029

FAX. NO.: 803-856-0107

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	EXPLOSIVES							REMARKS
665SB007 01	7/14/97	1445	soil	4oz, glass	4°	None	2	X							
665SB007 02	7/14/97	1510	Soil	↓	↓	↓	↓	X							
665SB006 01	7/14/97	1540	Soil	↓	↓	↓	↓	X							
665SB005 01	7/14/97	1610	Soil	↓	↓	↓	↓	X							
665SB005 02	7/14/97	1620	Soil	↓	↓	↓	↓	X							

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE [signature]	7/14/97	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED Greg Goodman		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe/Allen	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Fed ex shipment	1500	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed Ex

SHIPMENT NO. 5466 3647 6801

SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY, (INITIALS/DATE)

CLNCDCR1

APPENDIX D

AOC 667 AND SWMU 138

SOIL AND GROUNDWATER DATA

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

PX9-DIOXI									
		SAMPLE ID ------->	138-C-B002-01		667-C-B002-01				
		ORIGINAL ID ----->	138CB00201		667CB00201				
		LAB SAMPLE ID --->	IK1131-3		IK1131-2				
		ID FROM REPORT -->	083002		083001				
		SAMPLE DATE ----->	08/29/94		08/29/94				
		DATE EXTRACTED -->	09/06/94		09/06/94				
		DATE ANALYZED --->	09/28/94		09/16/94				
		MATRIX ---------->	Soil		Soil				
		UNITS ---------->	PG/G		PG/G				
CAS #	Parameter		APX02	VAL	APX02	VAL			
1746-01-6	2378-TCDD		2.4399	EMPC					
19408-74-3	123789-HxCDD		3.3224	EMPC					
3268-87-9	OCDD		1096.5	J	511.23	J			
5822-46-9	1234678-HpCDD		110.52	J	42.872	J			
9001-02-0	OCDF		48.797	J	18.679	J			
9227-28-6	123478-HxCDD		1.5144	EMPC					
0321-76-4	12378-PeCDD		0.8068	EMPC					
1207-31-9	2378-TCDF								
5673-89-7	1234789-HpCDF		1.53	EMPC					
7117-31-4	23478-PeCDF								
7117-41-6	12378-PeCDF								
7117-44-9	123678-HxCDF		1.1727	EMPC					
7653-85-7	123678-HxCDD		4.0624	EMPC					
0851-34-5	234678-HxCDF		1.6814	EMPC	0.791	EMPC			
7562-39-4	1234678-HpCDF		22.68	J					
0648-26-9	123478-HxCDF		1.778	EMPC					
2918-21-9	123789-HxCDF								
1903-57-5	Total Tetra-Dioxins		5.4225	EMPC	1.1271	EMPC			
6088-22-9	Total Penta-Dioxins		4.7554	EMPC	1.1111	EMPC			
4465-46-8	Total Hexa-Dioxins		53.323	J	20.913	J			
7871-00-4	Total Hepta-Dioxins		368.27	J	140.33	J			
5722-27-5	Total Tetra-Furans		3.348	EMPC	0.7219	EMPC			
0602-15-4	Total Penta-Furans		9.0642	EMPC	4.4143	EMPC			
5684-94-1	Total Hexa-Furans		31.227	J	9.8533	EMPC			
8998-75-3	Total Hepta-Furans		69.451	J	14.833	J			

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-HERB									
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01					
	ORIGINAL ID ----->	138CB00201		667CB00201					
	LAB SAMPLE ID --->	TJU-002		TJU-001					
	ID FROM REPORT -->	083002		083001					
	SAMPLE DATE ----->	08/29/94		08/29/94					
	DATE EXTRACTED -->	09/07/94		09/07/94					
	DATE ANALYZED --->	09/15/94		09/15/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	UG/KG		UG/KG					
CAS #	Parameter	APX02	VAL	APX02	VAL				
93-72-1	2,4,5-TP (Silvex)	7.9	J	7.9	J				
93-76-5	2,4,5-T			8.5	J				
94-75-7	2,4-D								

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

PX9-METAL

SAMPLE ID ------->	138-C-B002-01		667-C-B002-01					
ORIGINAL ID ----->	138CB00201		667CB00201					
LAB SAMPLE ID --->	41356-002		41356-001					
ID FROM REPORT -->	083002		083001					
SAMPLE DATE ----->	08/29/94		08/29/94					
DATE EXTRACTED -->	09/02/94		09/02/94					
DATE ANALYZED --->	09/06/94		09/07/94					
MATRIX ---------->	Soil		Soil					
UNITS ---------->	MG/KG		MG/KG					
CAS # Parameter	APX02	VAL	APX02	VAL				
7439-92-1 Lead (Pb)								
7439-97-6 Mercury (Hg)			0.02	J				
7440-02-0 Nickel (Ni)								
7440-22-4 Silver (Ag)								
7440-31-5 Tin (Sn)								
7440-36-0 Antimony (Sb)								
7440-38-2 Arsenic (As)	9.	J	2.4	J				
7440-39-3 Barium (Ba)								
7440-41-7 Beryllium (Be)	0.37	J	0.15	J				
7440-43-9 Cadmium (Cd)								
7440-47-3 Chromium (Cr)	13.9		6.8					
7440-48-4 Cobalt (Co)								
7440-50-8 Copper (Cu)	17.6							
7440-62-2 Vanadium (V)	9.7		10.6	J				
7440-66-6 Zinc (Zn)	34.5		49.					
7782-49-2 Selenium (Se)								
7440-28-0 Thallium (Tl)								

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-OP PE

SAMPLE ID ------->	138-C-B002-01		667-C-B002-01				
ORIGINAL ID ----->	138CB00201		667CB00201				
LAB SAMPLE ID --->	TJU-002		TJU-001				
ID FROM REPORT -->	083002		083001				
SAMPLE DATE ----->	08/29/94		08/29/94				
DATE EXTRACTED -->	09/02/94		09/02/94				
DATE ANALYZED --->	09/08/94		09/08/94				
MATRIX ---------->	Soil		Soil				
UNITS ---------->	UG/KG		UG/KG				
CAS # Parameter	APX02	VAL	APX02	VAL			
126-68-1 O,O,O-Triethylphosphorothioate							
297-97-2 Thionazin							
298-00-0 Methyl parathion							
298-02-2 Phorate							
298-04-4 Disulfoton							
3689-24-5 Sulfotep							
52-85-7 Famphur							
56-38-2 Parathion							
60-51-5 Dimethoate							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-PEST								
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01				
	ORIGINAL ID ----->	138CB00201		667CB00201				
	LAB SAMPLE ID --->	TJU-002		TJU-001				
	ID FROM REPORT -->	083002		083001				
	SAMPLE DATE ----->	08/29/94		08/29/94				
	DATE EXTRACTED -->	09/02/94		09/02/94				
	DATE ANALYZED --->	09/08/94		09/08/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	APX02	VAL	APX02	VAL			
309-00-2	Aldrin							
319-84-6	alpha-BHC							
319-85-7	beta-BHC							
319-86-8	delta-BHC							
58-89-9	gamma-BHC (Lindane)							
5103-71-9	alpha-Chlordane							
5103-74-2	gamma-Chlordane							
510-15-6	Chlorobenzilate							
72-54-8	4,4'-DDD							
72-55-9	4,4'-DDE							
50-29-3	4,4'-DDT							
2303-16-4	Diallate							
60-57-1	Dieldrin							
959-98-8	Endosulfan I							
33213-65-9	Endosulfan II							
1031-07-8	Endosulfan sulfate							
72-20-8	Endrin							
7421-93-4	Endrin aldehyde							
76-44-8	Heptachlor							
1024-57-3	Heptachlor epoxide							
465-73-6	Isodrin							
143-50-0	Kepone							
72-43-5	Methoxychlor							
8001-35-2	Toxaphene							
12674-11-2	Aroclor-1016							
11104-28-2	Aroclor-1221							
11141-16-5	Aroclor-1232							
53469-21-9	Aroclor-1242							
12672-29-6	Aroclor-1248							
11097-69-1	Aroclor-1254							
11096-82-5	Aroclor-1260							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-SVOA							
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01			
	ORIGINAL ID ----->	138CB00201		667CB00201			
	LAB SAMPLE ID --->	TJU-002		TJU-001			
	ID FROM REPORT -->	083002		083001			
	SAMPLE DATE ----->	08/29/94		08/29/94			
	DATE EXTRACTED -->	09/06/94		09/06/94			
	DATE ANALYZED --->	09/14/94		09/09/94			
	MATRIX ---------->	Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	APX02	VAL	APX02	VAL		
83-32-9	Acenaphthene						
208-96-8	Acenaphthylene						
98-86-2	Acetophenone						
53-96-3	Acetamidofluorene						
92-67-1	4-Aminobiphenyl						
62-53-3	Aniline						
120-12-7	Anthracene						
140-57-8	Aramite						
56-55-3	Benzo(a)anthracene						
205-99-2	Benzo(b)fluoranthene						
207-08-9	Benzo(k)fluoranthene						
191-24-2	Benzo(g,h,i)perylene						
50-32-8	Benzo(a)pyrene						
100-51-6	Benzyl alcohol						
111-91-1	bis(2-Chloroethoxy)methane						
111-44-4	bis(2-Chloroethyl)ether						
108-60-1	2,2'-oxybis(1-Chloropropane)						
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)			500.	J		
101-55-3	4-Bromophenyl-phenylether						
85-68-7	Butylbenzylphthalate						
106-47-8	4-Chloroaniline						
59-50-7	4-Chloro-3-methylphenol						
91-58-7	2-Chloronaphthalene						
95-57-8	2-Chlorophenol						
7005-72-3	4-Chlorophenylphenylether						
218-01-9	Chrysene						
95-48-7	2-Methylphenol (o-Cresol)						
108-39-4	3-Methylphenol (m-Cresol)						
106-44-5	4-Methylphenol (p-Cresol)						
53-70-3	Dibenz(a,h)anthracene						
132-64-9	Dibenzofuran						
95-50-1	1,2-Dichlorobenzene						
541-73-1	1,3-Dichlorobenzene						
106-46-7	1,4-Dichlorobenzene						
91-94-1	3,3'-Dichlorobenzidine						
120-83-2	2,4-Dichlorophenol						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-SVOA							
	SAMPLE ID ------->	138-C-B002-01	667-C-B002-01				
	ORIGINAL ID ----->	138CB00201	667CB00201				
	LAB SAMPLE ID --->	TJU-002	TJU-001				
	ID FROM REPORT -->	083002	083001				
	SAMPLE DATE ----->	08/29/94	08/29/94				
	DATE EXTRACTED -->	09/06/94	09/06/94				
	DATE ANALYZED --->	09/14/94	09/09/94				
	MATRIX ---------->	Soil	Soil				
	UNITS ---------->	UG/KG	UG/KG				
CAS #	Parameter	APX02 VAL	APX02 VAL				
87-65-0	2,6-Dichlorophenol						
84-66-2	Diethylphthalate						
60-11-7	p-(Dimethylamino)azobenzene						
57-97-6	7,12-Dimethylbenz(a)anthracene						
119-93-7	3,3-Dimethylbenzidine						
122-09-8	a,a-Dimethylphenethylamine						
131-11-3	Dimethyl phthalate						
105-67-9	2,4-Dimethylphenol						
84-74-2	Di-n-butylphthalate						
99-65-0	1,3-Dinitrobenzene						
534-52-1	2-Methyl-4,6-Dinitrophenol						
51-28-5	2,4-Dinitrophenol						
88-85-7	Dinoseb						
121-14-2	2,4-Dinitrotoluene						
606-20-2	2,6-Dinitrotoluene						
117-84-0	Di-n-octyl phthalate						
122-39-4	Diphenylamine						
97-63-2	Ethyl methacrylate						
62-50-0	Ethyl methanesulfonate						
206-44-0	Fluoranthene						
86-73-7	Fluorene						
118-74-1	Hexachlorobenzene						
87-68-3	Hexachlorobutadiene						
77-47-4	Hexachlorocyclopentadiene						
67-72-1	Hexachloroethane						
70-30-4	Hexachlorophene						
1888-71-7	Hexachloropropene						
193-39-5	Indeno(1,2,3-cd)pyrene						
78-59-1	Isophorone						
120-58-1	Isosafrole						
91-80-5	Methapyrilene						
56-49-5	3-Methyl cholanthrene						
80-62-6	Methyl methacrylate						
66-27-3	Methyl methanesulfonate						
91-57-6	2-Methylnaphthalene						
91-20-3	Naphthalene						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-SVOA							
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01			
	ORIGINAL ID ----->	138CB00201		667CB00201			
	LAB SAMPLE ID --->	TJU-002		TJU-001			
	ID FROM REPORT -->	083002		083001			
	SAMPLE DATE ----->	08/29/94		08/29/94			
	DATE EXTRACTED -->	09/06/94		09/06/94			
	DATE ANALYZED --->	09/14/94		09/09/94			
	MATRIX ---------->	Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	APX02	VAL	APX02	VAL		
130-15-4	1,4-Naphthoquinone						
134-32-7	1-Naphthylamine						
91-59-8	2-Naphthylamine						
88-74-4	2-Nitroaniline						
99-09-2	3-Nitroaniline						
100-01-6	4-Nitroaniline						
98-95-3	Nitrobenzene						
88-75-5	2-Nitrophenol						
100-02-7	4-Nitrophenol						
56-57-5	4-Nitroquinoline 1-oxide						
924-16-3	N-Nitroso-di-n-butylamine						
55-18-5	N-Nitrosodiethylamine						
62-75-9	N-Nitrosodimethylamine						
86-30-6	N-Nitrosodiphenylamine						
621-64-7	N-Nitroso-di-n-propylamine						
10595-95-6	N-Nitrosomethylethylamine						
59-89-2	N-Nitrosomorpholine						
100-75-4	N-Nitrosopiperidine						
930-55-2	N-Nitrosopyrrolidine						
99-55-8	5-Nitro-o-toluidine						
608-93-5	Pentachlorobenzene						
76-01-7	Pentachloroethane						
82-68-8	Pentachloronitrobenzene						
87-86-5	Pentachlorophenol						
62-44-2	Phenacetin						
85-01-8	Phenanthrene	50.8	J				
108-95-2	Phenol						
106-50-3	p-Phenylenediamine						
109-06-8	2-Picoline						
23950-58-5	Pronamide						
129-00-0	Pyrene						
110-86-1	Pyridine						
94-59-7	Safrole						
95-94-3	1,2,4,5-Tetrachlorobenzene						
58-90-2	2,3,4,6-Tetrachlorophenol						
95-53-4	o-Toluidine						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-SVOA							
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01			
	ORIGINAL ID ----->	138CB00201		667CB00201			
	LAB SAMPLE ID --->	TJU-002		TJU-001			
	ID FROM REPORT -->	083002		083001			
	SAMPLE DATE ----->	08/29/94		08/29/94			
	DATE EXTRACTED -->	09/06/94		09/06/94			
	DATE ANALYZED --->	09/14/94		09/09/94			
	MATRIX ---------->	Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	APX02	VAL	APX02	VAL		
120-82-1	1,2,4-Trichlorobenzene						
95-95-4	2,4,5-Trichlorophenol						
88-06-2	2,4,6-Trichlorophenol						
99-35-4	1,3,5-Trinitrobenzene						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-VOA			
	SAMPLE ID ------->	138-C-B002-01	667-C-B002-01
	ORIGINAL ID ----->	138CB00201	667CB00201
	LAB SAMPLE ID --->	TJU-002	TJU-001
	ID FROM REPORT -->	083002	083001
	SAMPLE DATE ----->	08/29/94	08/29/94
	DATE EXTRACTED -->	09/06/94	09/07/94
	DATE ANALYZED --->	09/06/94	09/07/94
	MATRIX ---------->	Soil	Soil
	UNITS ---------->	UG/KG	UG/KG

CAS #	Parameter	APX02	VAL	APX02	VAL
67-64-1	Acetone				
75-05-8	Acetonitrile				
107-02-8	Acrolein				
107-13-1	Acrylonitrile				
107-05-1	3-Chloropropene				
71-43-2	Benzene				
75-27-4	Bromodichloromethane				
75-25-2	Bromoform				
75-15-0	Carbon disulfide	4.6	J		
56-23-5	Carbon tetrachloride				
108-90-7	Chlorobenzene				
75-00-3	Chloroethane				
67-66-3	Chloroform				
126-99-8	Chloroprene				
124-48-1	Dibromochloromethane				
96-12-8	1,2-Dibromo-3-Chloropropane				
106-93-4	1, 2-Dibromoethane				
110-57-6	trans-1,4-Dichloro-2-butene				
75-71-8	Dichlorodifluoromethane				
75-34-3	1,1-Dichloroethane				
107-06-2	1,2-Dichloroethane				
75-35-4	1,1-Dichloroethene				
156-60-5	trans-1,2-Dichloroethene				
78-87-5	1,2-Dichloropropane				
10061-01-5	cis-1,3-Dichloropropene				
10061-02-6	trans-1,3-Dichloropropene				
123-91-1	1,4-Dioxane				
100-41-4	Ethylbenzene				
591-78-6	2-Hexanone				
78-83-1	Isobutyl alcohol				
126-98-7	Methacrylonitrile				
74-83-9	Bromomethane				
74-87-3	Chloromethane				
74-95-3	Methylene bromide				
75-09-2	Methylene chloride				
78-93-3	2-Butanone (MEK)			6.9	J

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

APX9-VOA								
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01				
	ORIGINAL ID ----->	138CB00201		667CB00201				
	LAB SAMPLE ID --->	TJU-002		TJU-001				
	ID FROM REPORT -->	083002		083001				
	SAMPLE DATE ----->	08/29/94		08/29/94				
	DATE EXTRACTED -->	09/06/94		09/07/94				
	DATE ANALYZED --->	09/06/94		09/07/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	APX02	VAL	APX02	VAL			
74-88-4	Methyl iodide							
108-10-1	4-Methyl-2-Pentanone (MIBK)							
107-12-0	Propionitrile							
100-42-5	Styrene							
630-20-6	1,1,1,2-Tetrachloroethane							
79-34-5	1,1,2,2-Tetrachloroethane							
127-18-4	Tetrachloroethene							
108-88-3	Toluene	22.6		2.3	J			
71-55-6	1,1,1-Trichloroethane							
79-00-5	1,1,2-Trichloroethane							
79-01-6	Trichloroethene							
75-69-4	Trichlorofluoromethane							
96-18-4	1,2,3-Trichloropropane							
108-05-4	Vinyl acetate							
75-01-4	Vinyl chloride							
1330-20-7	Xylene (Total)	2.4	J					

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

CYANIDE													
	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-038		41354-039		41355-010		41355-011		41355-012		41355-013	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		09/02/94		09/02/94		09/02/94		09/02/94	
	DATE ANALYZED --->	09/06/94		09/06/94		09/06/94		09/06/94		09/06/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
57-12-5	Cyanide (CN)												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

CYANIDE													
	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-C-B002-01		667-S-B002-02		667-S-B003-01	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667CB00201		667SB00202		667SB00301	
	LAB SAMPLE ID --->	41354-030		41354-031		41354-032		41356-001		41354-033		41354-034	
	ID FROM REPORT -->	083011		083012		083013		083001		083014		083015	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94		09/02/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/07/94		09/06/94		09/07/94		09/07/94		09/07/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	APX02	VAL	CHS08	VAL	CHS08	VAL
57-12-5	Cyanide (CN)					3.8		1.3					

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

CYANIDE	SAMPLE ID ------->	667-S-B003-02		667-S-B004-01		667-S-B004-02				
	ORIGINAL ID ----->	667SB00302		667SB00401		667SB00402				
	LAB SAMPLE ID --->	41354-035		41354-036		41354-037				
	ID FROM REPORT -->	083016		083017		083018				
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94				
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94				
	DATE ANALYZED --->	09/06/94		09/06/94		09/07/94				
	MATRIX ---------->	Soil		Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG		MG/KG				
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL			
57-12-5	Cyanide (CN)									

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

HEXACHROME	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01					
	ORIGINAL ID ----->	138CB00201		667CB00201					
	LAB SAMPLE ID --->	41356-002		41356-001					
	ID FROM REPORT -->	083002		083001					
	SAMPLE DATE ----->	08/29/94		08/29/94					
	DATE ANALYZED --->	08/31/94		08/31/94					
	MATRIX ---------->	Soil		Soil					
	UNITS ---------->	MG/KG		MG/KG					
CAS #	Parameter	APX02	VAL	APX02	VAL				
999900-00-5	Hexavalent Chromium								

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-META													
	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-038		41354-039		41355-010		41355-011		41355-012		41355-013	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		09/02/94		09/02/94		09/02/94		09/02/94	
	DATE ANALYZED --->	09/06/94		09/06/94		09/06/94		09/06/94		09/06/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
7429-90-5	Aluminum (Al)	3190.		4910.		3350.		3820.		3140.		3640.	
7439-89-6	Iron (Fe)	2690.		5660.		5440.		5210.		5600.		4730.	
7439-92-1	Lead (Pb)	2.8	J			21.				56.7			
7440-02-0	Nickel (Ni)	1.7	J	10.2				11.4				12.8	
7440-09-7	Potassium (K)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)	18.5		784.	J	331.	J	816.		103.	J	680.	
7440-28-0	Thallium (Tl)												
7440-36-0	Antimony (Sb)	1.1	J										
7440-38-2	Arsenic (As)	1.		6.6		8.		8.		5.4		7.	
7440-39-3	Barium (Ba)	7.9	J			175.				41.6			
7440-41-7	Beryllium (Be)	0.03	J	0.38	J	1.5		0.33	J	0.3	J	0.31	J
7440-43-9	Cadmium (Cd)			0.32	J			0.42	J	0.35	J	0.46	J
7440-48-4	Cobalt (Co)	0.28	J	1.	J	3.2	J	1.3	J	1.6	J	0.9	J
7440-50-8	Copper (Cu)	1.6	J	5.1		62.1				34.			
7440-62-2	Vanadium (V)	6.		18.9		10.9		14.6		14.2		15.6	
7440-66-6	Zinc (Zn)	3.9		24.		391.		28.2		85.5		29.	
7782-49-2	Selenium (Se)											1.2	J
7439-97-6	Mercury (Hg)	0.03	J							0.03	J		
7439-95-4	Magnesium (Mg)			3330.		3150.		4080.		1310.		5050.	
7439-96-5	Manganese (Mn)	17.7		51.		76.	J	63.9	J	87.6	J	63.4	J
7440-70-2	Calcium (Ca)	2920.		118000.		28900.		138000.		69900.		156000.	
7440-47-3	Chromium (Cr)	3.3	J	26.1	J	99.5		24.3		19.6		26.6	
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-META													
	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-S-B002-02		667-S-B003-01		667-S-B003-02	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667SB00202		667SB00301		667SB00302	
	LAB SAMPLE ID --->	41354-030		41354-031		41354-032		41354-033		41354-034		41354-035	
	ID FROM REPORT -->	083011		083012		083013		083014		083015		083016	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/07/94		09/06/94		09/07/94		09/07/94		09/06/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	MG/KG		MG/KG		MG/KG		MG/KG		MG/KG		MG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL
7429-90-5	Aluminum (Al)	4490.		3980.		1820.		6870.		4450.		4600.	
7439-89-6	Iron (Fe)	5070.		4580.		3080.		7250.		7460.		5580.	
7439-92-1	Lead (Pb)	11.9	J			11.4	J	14.4	J	6.8	J		
7440-02-0	Nickel (Ni)	4.5		6.6		9.3	J	14.2	J	1.8	J	10.2	
7440-09-7	Potassium (K)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)	71.7	J	810.		116.	J	2120.	J	33.1	J	567.	
7440-28-0	Thallium (Tl)												
7440-36-0	Antimony (Sb)							10.4	J				
7440-38-2	Arsenic (As)	3.3		7.2		2.3	J	10.		3.5		8.4	
7440-39-3	Barium (Ba)	8.2	J	2.1	J			8.7	J	8.5	J	1.	J
7440-41-7	Beryllium (Be)	0.11	J	0.55				1.2	J	0.05	J	0.31	J
7440-43-9	Cadmium (Cd)	0.36	J	0.31	J							0.33	J
7440-48-4	Cobalt (Co)	1.5	J	1.9	J	3.4	J	2.5	J	0.44	J	1.3	J
7440-50-8	Copper (Cu)	8.1		4.3		6.2	J	6.5	J	2.5		5.4	
7440-62-2	Vanadium (V)	12.4		11.4		8.	J	42.9		15.5		14.2	
7440-66-6	Zinc (Zn)	49.		15.2		49.1		30.6		14.1		27.3	
7782-49-2	Selenium (Se)											1.1	J
7439-97-6	Mercury (Hg)	0.02	J							0.02	J		
7439-95-4	Magnesium (Mg)	1060.		2450.		2000.	J	4910.		302.	J	3560.	
7439-96-5	Manganese (Mn)	81.7		119.		152.		91.6		24.		70.	
7440-70-2	Calcium (Ca)	99600.		124000.		202000.		162000.		13700.		119000.	
7440-47-3	Chromium (Cr)	8.4	J	15.4	J	8.6	J	40.4	J	8.5	J	21.	J
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-META

	SAMPLE ID ------->	667-S-B004-01		667-S-B004-02							
	ORIGINAL ID ----->	667SB00401		667SB00402							
	LAB SAMPLE ID --->	41354-036		41354-037							
	ID FROM REPORT -->	083017		083018							
	SAMPLE DATE ----->	08/29/94		08/29/94							
	DATE EXTRACTED -->	08/31/94		08/31/94							
	DATE ANALYZED --->	09/06/94		09/07/94							
	MATRIX ---------->	Soil		Soil							
	UNITS ---------->	MG/KG		MG/KG							
CAS #	Parameter	CHS08	VAL	CHS08	VAL						
7429-90-5	Aluminum (Al)	3250.		6020.							
7439-89-6	Iron (Fe)	1850.		7710.							
7439-92-1	Lead (Pb)	3.8	J								
7440-02-0	Nickel (Ni)	2.5	J	25.5							
7440-09-7	Potassium (K)										
7440-22-4	Silver (Ag)										
7440-23-5	Sodium (Na)	17.1	J	1630.	J						
7440-28-0	Thallium (Tl)										
7440-36-0	Antimony (Sb)	1.4	J								
7440-38-2	Arsenic (As)	0.92	J	9.5							
7440-39-3	Barium (Ba)	6.4	J								
7440-41-7	Beryllium (Be)	0.05	J	0.57	J						
7440-43-9	Cadmium (Cd)										
7440-48-4	Cobalt (Co)	0.39	J								
7440-50-8	Copper (Cu)	2.1	J	8.1	J						
7440-62-2	Vanadium (V)	9.1		36.							
7440-66-6	Zinc (Zn)	5.9		54.4							
7782-49-2	Selenium (Se)			2.3	J						
7439-97-6	Mercury (Hg)	0.03	J								
7439-95-4	Magnesium (Mg)	83.5	J	9700.							
7439-96-5	Manganese (Mn)	7.9		123.							
7440-70-2	Calcium (Ca)	1300.		205000.							
7440-47-3	Chromium (Cr)	3.1	J	59.9	J						
7440-31-5	Tin (Sn)	NR		NR							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-PEST	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-025		41354-026		BDB643		BDB644		BDB645		BDB646	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		09/09/94		09/09/94		09/09/94		09/09/94		09/09/94	
	DATE ANALYZED --->	09/22/94		09/22/94		09/18/94		09/17/94		09/21/94		09/17/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
11097-69-1	Aroclor-1254												
11104-28-2	Aroclor-1221												
11141-16-5	Aroclor-1232												
12672-29-6	Aroclor-1248												
11096-82-5	Aroclor-1260												
12674-11-2	Aroclor-1016												
53469-21-9	Aroclor-1242												
1024-57-3	Heptachlor epoxide												
1031-07-8	Endosulfan sulfate												
309-00-2	Aldrin												
319-84-6	alpha-BHC												
319-85-7	beta-BHC												
319-86-8	delta-BHC												
33213-65-9	Endosulfan II												
50-29-3	4,4'-DDT					25.7				1140.	J	8.99	
5103-71-9	alpha-Chlordane												
5103-74-2	gamma-Chlordane					4.8							
53494-70-5	Endrin ketone												
58-89-9	gamma-BHC (Lindane)												
60-57-1	Dieldrin												
72-20-8	Endrin												
72-43-5	Methoxychlor												
72-54-8	4,4'-DDD					11.4						18.1	
72-55-9	4,4'-DDE					11.1				632.	J		
7421-93-4	Endrin aldehyde												
76-44-8	Heptachlor												
8001-35-2	Toxaphene												
959-98-8	Endosulfan I												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-PEST	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-S-B002-02		667-S-B003-01		667-S-B003-02	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667SB00202		667SB00301		667SB00302	
	LAB SAMPLE ID --->	41354-017		41354-018		41354-019		41354-020		41354-021		41354-022	
	ID FROM REPORT -->	083011		083012		083013		083014		083015		083016	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/27/94		09/27/94		09/27/94		09/22/94		09/21/94		09/22/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL
11097-69-1	Aroclor-1254												
11104-28-2	Aroclor-1221												
11141-16-5	Aroclor-1232												
12672-29-6	Aroclor-1248												
11096-82-5	Aroclor-1260												
12674-11-2	Aroclor-1016												
53469-21-9	Aroclor-1242												
1024-57-3	Heptachlor epoxide												
1031-07-8	Endosulfan sulfate												
309-00-2	Aldrin												
319-84-6	alpha-BHC												
319-85-7	beta-BHC												
319-86-8	delta-BHC												
33213-65-9	Endosulfan II												
50-29-3	4,4'-DDT												
5103-71-9	alpha-Chlordane									3.	J		
5103-74-2	gamma-Chlordane									2.	J		
53494-70-5	Endrin ketone												
58-89-9	gamma-BHC (Lindane)												
60-57-1	Dieldrin												
72-20-8	Endrin												
72-43-5	Methoxychlor												
72-54-8	4,4'-DDD	4.	J										
72-55-9	4,4'-DDE	2.	J										
7421-93-4	Endrin aldehyde												
76-44-8	Heptachlor												
8001-35-2	Toxaphene												
959-98-8	Endosulfan I												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-PEST								
	SAMPLE ID ------->	667-S-B004-01		667-S-B004-02				
	ORIGINAL ID ----->	667SB00401		667SB00402				
	LAB SAMPLE ID --->	41354-023		41354-024				
	ID FROM REPORT -->	083017		083018				
	SAMPLE DATE ----->	08/29/94		08/29/94				
	DATE EXTRACTED -->	08/31/94		08/31/94				
	DATE ANALYZED --->	09/27/94		09/22/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	CHS08	VAL	CHS08	VAL			
11097-69-1	Aroclor-1254							
11104-28-2	Aroclor-1221							
11141-16-5	Aroclor-1232							
12672-29-6	Aroclor-1248							
11096-82-5	Aroclor-1260							
12674-11-2	Aroclor-1016							
53469-21-9	Aroclor-1242							
1024-57-3	Heptachlor epoxide							
1031-07-8	Endosulfan sulfate							
309-00-2	Aldrin							
319-84-6	alpha-BHC							
319-85-7	beta-BHC							
319-86-8	delta-BHC							
33213-65-9	Endosulfan II							
50-29-3	4,4'-DDT							
5103-71-9	alpha-Chlordane							
5103-74-2	gamma-Chlordane							
53494-70-5	Endrin ketone							
58-89-9	gamma-BHC (Lindane)							
60-57-1	Dieldrin							
72-20-8	Endrin							
72-43-5	Methoxychlor							
72-54-8	4,4'-DDD	5.	J					
72-55-9	4,4'-DDE	3.	J					
7421-93-4	Endrin aldehyde							
76-44-8	Heptachlor							
8001-35-2	Toxaphene							
959-98-8	Endosulfan I							

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA													
	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-025		41354-026		BDB643		BDB644		BDB645		BDB646	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		09/09/94		09/08/94		09/08/94		09/08/94		09/08/94	
	DATE ANALYZED --->	09/16/94		09/19/94		09/21/94		09/21/94		09/21/94		09/21/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
62-75-9	N-Nitrosodimethylamine												
606-20-2	2,6-Dinitrotoluene												
108-95-2	Phenol												
99-09-2	3-Nitroaniline												
62-53-3	Aniline												
83-32-9	Acenaphthene												
111-44-4	bis(2-Chloroethyl)ether												
51-28-5	2,4-Dinitrophenol												
95-57-8	2-Chlorophenol												
100-02-7	4-Nitrophenol												
541-73-1	1,3-Dichlorobenzene												
132-64-9	Dibenzofuran												
106-46-7	1,4-Dichlorobenzene												
121-14-2	2,4-Dinitrotoluene												
100-51-6	Benzyl alcohol												
84-66-2	Diethylphthalate												
95-50-1	1,2-Dichlorobenzene												
7005-72-3	4-Chlorophenylphenylether												
95-48-7	2-Methylphenol (o-Cresol)												
86-73-7	Fluorene												
108-60-1	2,2'-oxybis(1-Chloropropane)												
100-01-6	4-Nitroaniline												
106-44-5	4-Methylphenol (p-Cresol)												
534-52-1	2-Methyl-4,6-Dinitrophenol												
621-64-7	N-Nitroso-di-n-propylamine												
86-30-6	N-Nitrosodiphenylamine												
67-72-1	Hexachloroethane												
101-55-3	4-Bromophenyl-phenylether												
98-95-3	Nitrobenzene												
118-74-1	Hexachlorobenzene												
78-59-1	Isophorone												
87-86-5	Pentachlorophenol												
88-75-5	2-Nitrophenol												
85-01-8	Phenanthrene									55.8	J		
105-67-9	2,4-Dimethylphenol												
120-12-7	Anthracene												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA													
	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-025		41354-026		BDB643		BDB644		BDB645		BDB646	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		09/09/94		09/08/94		09/08/94		09/08/94		09/08/94	
	DATE ANALYZED --->	09/16/94		09/19/94		09/21/94		09/21/94		09/21/94		09/21/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
65-85-0	Benzoic acid												
84-74-2	Di-n-butylphthalate									64.	J		
111-91-1	bis(2-Chloroethoxy)methane												
206-44-0	Fluoranthene									117.	J		
120-83-2	2,4-Dichlorophenol												
92-87-5	Benzidine												
120-82-1	1,2,4-Trichlorobenzene												
129-00-0	Pyrene									89.1	J		
91-20-3	Naphthalene												
85-68-7	Butylbenzylphthalate												
106-47-8	4-Chloroaniline												
91-94-1	3,3'-Dichlorobenzidine												
87-68-3	Hexachlorobutadiene												
56-55-3	Benzo(a)anthracene												
59-50-7	4-Chloro-3-methylphenol	72.	J										
218-01-9	Chrysene												
91-57-6	2-Methylnaphthalene												
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)							111.	J				
77-47-4	Hexachlorocyclopentadiene												
117-84-0	Di-n-octyl phthalate												
88-06-2	2,4,6-Trichlorophenol												
205-99-2	Benzo(b)fluoranthene									214.	J		
95-95-4	2,4,5-Trichlorophenol												
207-08-9	Benzo(k)fluoranthene												
91-58-7	2-Chloronaphthalene												
50-32-8	Benzo(a)pyrene									153.	J		
88-74-4	2-Nitroaniline												
193-39-5	Indeno(1,2,3-cd)pyrene												
131-11-3	Dimethyl phthalate												
53-70-3	Dibenz(a,h)anthracene												
208-96-8	Acenaphthylene												
191-24-2	Benzo(g,h,i)perylene												
110-86-1	Pyridine	NR		NR		NR		NR		NR		NR	
103-33-3	Azobenzene	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA													
	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-S-B002-02		667-S-B003-01		667-S-B003-02	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667SB00202		667SB00301		667SB00302	
	LAB SAMPLE ID --->	41354-017		41354-018		41354-019		41354-020		41354-021		41354-022	
	ID FROM REPORT -->	083011		083012		083013		083014		083015		083016	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/20/94		09/16/94		09/20/94		09/16/94		09/19/94		09/20/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL
62-75-9	N-Nitrosodimethylamine												
606-20-2	2,6-Dinitrotoluene												
108-95-2	Phenol												
99-09-2	3-Nitroaniline												
62-53-3	Aniline												
83-32-9	Acenaphthene												
111-44-4	bis(2-Chloroethyl)ether												
51-28-5	2,4-Dinitrophenol												
95-57-8	2-Chlorophenol												
100-02-7	4-Nitrophenol												
541-73-1	1,3-Dichlorobenzene												
132-64-9	Dibenzofuran												
106-46-7	1,4-Dichlorobenzene												
121-14-2	2,4-Dinitrotoluene												
100-51-6	Benzyl alcohol												
84-66-2	Diethylphthalate												
95-50-1	1,2-Dichlorobenzene												
7005-72-3	4-Chlorophenylphenylether												
95-48-7	2-Methylphenol (o-Cresol)												
86-73-7	Fluorene											720.	J
108-60-1	2,2'-oxybis(1-Chloropropane)												
100-01-6	4-Nitroaniline												
106-44-5	4-Methylphenol (p-Cresol)												
534-52-1	2-Methyl-4,6-Dinitrophenol												
621-64-7	N-Nitroso-di-n-propylamine												
86-30-6	N-Nitrosodiphenylamine												
67-72-1	Hexachloroethane												
101-55-3	4-Bromophenyl-phenylether												
98-95-3	Nitrobenzene												
118-74-1	Hexachlorobenzene												
78-59-1	Isophorone												
87-86-5	Pentachlorophenol												
88-75-5	2-Nitrophenol												
85-01-8	Phenanthrene											1000.	
105-67-9	2,4-Dimethylphenol												
120-12-7	Anthracene												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA													
	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-S-B002-02		667-S-B003-01		667-S-B003-02	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667SB00202		667SB00301		667SB00302	
	LAB SAMPLE ID --->	41354-017		41354-018		41354-019		41354-020		41354-021		41354-022	
	ID FROM REPORT -->	083011		083012		083013		083014		083015		083016	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE EXTRACTED -->	08/31/94		08/31/94		08/31/94		08/31/94		08/31/94		08/31/94	
	DATE ANALYZED --->	09/20/94		09/16/94		09/20/94		09/16/94		09/19/94		09/20/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL
65-85-0	Benzoic acid												
84-74-2	Di-n-butylphthalate												
111-91-1	bis(2-Chloroethoxy)methane												
206-44-0	Fluoranthene												
120-83-2	2,4-Dichlorophenol												
92-87-5	Benzidine												
120-82-1	1,2,4-Trichlorobenzene												
129-00-0	Pyrene												
91-20-3	Naphthalene											670.	J
85-68-7	Butylbenzylphthalate												
106-47-8	4-Chloroaniline												
91-94-1	3,3'-Dichlorobenzidine												
87-68-3	Hexachlorobutadiene												
56-55-3	Benzo(a)anthracene												
59-50-7	4-Chloro-3-methylphenol												
218-01-9	Chrysene												
91-57-6	2-Methylnaphthalene											2600.	
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)	310.	J			460.	J						
77-47-4	Hexachlorocyclopentadiene												
117-84-0	Di-n-octyl phthalate												
88-06-2	2,4,6-Trichlorophenol												
205-99-2	Benzo(b)fluoranthene												
95-95-4	2,4,5-Trichlorophenol												
207-08-9	Benzo(k)fluoranthene												
91-58-7	2-Chloronaphthalene												
50-32-8	Benzo(a)pyrene												
88-74-4	2-Nitroaniline												
193-39-5	Indeno(1,2,3-cd)pyrene												
131-11-3	Dimethyl phthalate												
53-70-3	Dibenz(a,h)anthracene												
208-96-8	Acenaphthylene												
191-24-2	Benzo(g,h,i)perylene												
110-86-1	Pyridine	NR		NR		NR		NR		NR		NR	
103-33-3	Azobenzene	NR		NR		NR		NR		NR		NR	
86-74-8	Carbazole	NR		NR		NR		NR		NR		NR	

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA

SAMPLE ID ------->	667-S-B004-01	667-S-B004-02					
ORIGINAL ID ----->	667SB00401	667SB00402					
LAB SAMPLE ID --->	41354-023	41354-024					
ID FROM REPORT -->	083017	083018					
SAMPLE DATE ----->	08/29/94	08/29/94					
DATE EXTRACTED -->	08/31/94	08/31/94					
DATE ANALYZED --->	09/19/94	09/16/94					
MATRIX ---------->	Soil	Soil					
UNITS ---------->	UG/KG	UG/KG					

CAS #	Parameter	CHS08	VAL	CHS08	VAL				
62-75-9	N-Nitrosodimethylamine								
606-20-2	2,6-Dinitrotoluene								
108-95-2	Phenol								
99-09-2	3-Nitroaniline								
62-53-3	Aniline								
83-32-9	Acenaphthene								
111-44-4	bis(2-Chloroethyl)ether								
51-28-5	2,4-Dinitrophenol								
95-57-8	2-Chlorophenol								
100-02-7	4-Nitrophenol								
541-73-1	1,3-Dichlorobenzene								
132-64-9	Dibenzofuran								
106-46-7	1,4-Dichlorobenzene								
121-14-2	2,4-Dinitrotoluene								
100-51-6	Benzyl alcohol								
84-66-2	Diethylphthalate								
95-50-1	1,2-Dichlorobenzene								
7005-72-3	4-Chlorophenylphenylether								
95-48-7	2-Methylphenol (o-Cresol)								
86-73-7	Fluorene								
108-60-1	2,2'-oxybis(1-Chloropropane)								
100-01-6	4-Nitroaniline								
106-44-5	4-Methylphenol (p-Cresol)								
534-52-1	2-Methyl-4,6-Dinitrophenol								
621-64-7	N-Nitroso-di-n-propylamine								
86-30-6	N-Nitrosodiphenylamine								
67-72-1	Hexachloroethane								
101-55-3	4-Bromophenyl-phenylether								
98-95-3	Nitrobenzene								
118-74-1	Hexachlorobenzene								
78-59-1	Isophorone								
87-86-5	Pentachlorophenol								
88-75-5	2-Nitrophenol								
85-01-8	Phenanthrene								
105-67-9	2,4-Dimethylphenol								
120-12-7	Anthracene								

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-SVOA								
	SAMPLE ID ------->	667-S-B004-01		667-S-B004-02				
	ORIGINAL ID ----->	667SB00401		667SB00402				
	LAB SAMPLE ID --->	41354-023		41354-024				
	ID FROM REPORT -->	083017		083018				
	SAMPLE DATE ----->	08/29/94		08/29/94				
	DATE EXTRACTED -->	08/31/94		08/31/94				
	DATE ANALYZED --->	09/19/94		09/16/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	UG/KG		UG/KG				
CAS #	Parameter	CHS08	VAL	CHS08	VAL			
65-85-0	Benzoic acid							
84-74-2	Di-n-butylphthalate							
111-91-1	bis(2-Chloroethoxy)methane							
206-44-0	Fluoranthene							
120-83-2	2,4-Dichlorophenol							
92-87-5	Benzidine							
120-82-1	1,2,4-Trichlorobenzene							
129-00-0	Pyrene							
91-20-3	Naphthalene							
85-68-7	Butylbenzylphthalate							
106-47-8	4-Chloroaniline							
91-94-1	3,3'-Dichlorobenzidine							
87-68-3	Hexachlorobutadiene							
56-55-3	Benzo(a)anthracene							
59-50-7	4-Chloro-3-methylphenol							
218-01-9	Chrysene							
91-57-6	2-Methylnaphthalene							
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)							
77-47-4	Hexachlorocyclopentadiene							
117-84-0	Di-n-octyl phthalate							
88-06-2	2,4,6-Trichlorophenol							
205-99-2	Benzo(b)fluoranthene							
95-95-4	2,4,5-Trichlorophenol							
207-08-9	Benzo(k)fluoranthene							
91-58-7	2-Chloronaphthalene							
50-32-8	Benzo(a)pyrene							
88-74-4	2-Nitroaniline							
193-39-5	Indeno(1,2,3-cd)pyrene							
131-11-3	Dimethyl phthalate							
53-70-3	Dibenz(a,h)anthracene							
208-96-8	Acenaphthylene							
191-24-2	Benzo(g,h,i)perylene							
110-86-1	Pyridine	NR		NR				
103-33-3	Azobenzene	NR		NR				
86-74-8	Carbazole	NR		NR				

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-VOA													
	SAMPLE ID ------->	138-S-B001-01		138-S-B001-02		138-S-B002-01		138-S-B002-02		138-S-B003-01		138-S-B003-02	
	ORIGINAL ID ----->	138SB00101		138SB00102		138SB00201		138SB00202		138SB00301		138SB00302	
	LAB SAMPLE ID --->	41354-012		41354-013		BDB643		BDB644		BDB645		BDB646	
	ID FROM REPORT -->	083019		083020		083021		083022		083023		083024	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE ANALYZED --->	09/06/94		09/08/94		09/07/94		09/07/94		09/07/94		09/07/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL	CHS09	VAL
100-41-4	Ethylbenzene												
100-42-5	Styrene												
10061-01-5	cis-1,3-Dichloropropene												
10061-02-6	trans-1,3-Dichloropropene												
107-06-2	1,2-Dichloroethane												
108-05-4	Vinyl acetate												
108-10-1	4-Methyl-2-Pentanone (MIBK)												
108-88-3	Toluene	12.		5.	J	3.67	J						
108-90-7	Chlorobenzene												
109-99-9	Tetrahydrofuran												
124-48-1	Dibromochloromethane												
127-18-4	Tetrachloroethene												
1330-20-7	Xylene (Total)												
540-59-0	1,2-Dichloroethene (total)												
56-23-5	Carbon tetrachloride												
591-78-6	2-Hexanone												
67-64-1	Acetone	56.		96.				21.1	J	52.5		37.4	
67-66-3	Chloroform												
71-43-2	Benzene												
71-55-6	1,1,1-Trichloroethane												
74-83-9	Bromomethane												
74-87-3	Chloromethane												
75-00-3	Chloroethane												
75-01-4	Vinyl chloride												
75-09-2	Methylene chloride			5.	J	12.9						12.4	J
75-15-0	Carbon disulfide												
75-25-2	Bromoform												
75-27-4	Bromodichloromethane												
75-34-3	1,1-Dichloroethane												
75-35-4	1,1-Dichloroethene												
75-69-4	Trichlorofluoromethane												
78-87-5	1,2-Dichloropropane												
78-93-3	2-Butanone (MEK)											6.83	J
79-00-5	1,1,2-Trichloroethane												
79-01-6	Trichloroethene												
79-34-5	1,1,2,2-Tetrachloroethane												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-VOA													
	SAMPLE ID ------->	667-S-B001-01		667-S-B001-02		667-S-B002-01		667-S-B002-02		667-S-B003-01		667-S-B003-02	
	ORIGINAL ID ----->	667SB00101		667SB00102		667SB00201		667SB00202		667SB00301		667SB00302	
	LAB SAMPLE ID --->	41354-004		41354-005		41354-006		41354-007		41354-008		41354-009	
	ID FROM REPORT -->	083011		083012		083013		083014		083015		083016	
	SAMPLE DATE ----->	08/29/94		08/29/94		08/29/94		08/29/94		08/29/94		08/29/94	
	DATE ANALYZED --->	09/02/94		09/02/94		09/02/94		09/02/94		09/02/94		09/06/94	
	MATRIX ---------->	Soil		Soil		Soil		Soil		Soil		Soil	
	UNITS ---------->	UG/KG		UG/KG		UG/KG		UG/KG		UG/KG		UG/KG	
CAS #	Parameter	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL	CHS08	VAL
100-41-4	Ethylbenzene												
100-42-5	Styrene												
10061-01-5	cis-1,3-Dichloropropene												
10061-02-6	trans-1,3-Dichloropropene												
107-06-2	1,2-Dichloroethane												
108-05-4	Vinyl acetate												
108-10-1	4-Methyl-2-Pentanone (MIBK)												
108-88-3	Toluene	6.		6.				6.					
108-90-7	Chlorobenzene												
109-99-9	Tetrahydrofuran												
124-48-1	Dibromochloromethane												
127-18-4	Tetrachloroethene												
1330-20-7	Xylene (Total)												
540-59-0	1,2-Dichloroethene (total)												
56-23-5	Carbon tetrachloride												
591-78-6	2-Hexanone												
67-64-1	Acetone	82.		25.	J	44.		62.		120.		66.	
67-66-3	Chloroform												
71-43-2	Benzene												
71-55-6	1,1,1-Trichloroethane												
74-83-9	Bromomethane												
74-87-3	Chloromethane												
75-00-3	Chloroethane							18.					
75-01-4	Vinyl chloride												
75-09-2	Methylene chloride												
75-15-0	Carbon disulfide												
75-25-2	Bromoform												
75-27-4	Bromodichloromethane												
75-34-3	1,1-Dichloroethane			19.				74.					
75-35-4	1,1-Dichloroethene												
75-69-4	Trichlorofluoromethane												
78-87-5	1,2-Dichloropropane												
78-93-3	2-Butanone (MEK)	9.	J										
79-00-5	1,1,2-Trichloroethane												
79-01-6	Trichloroethene												
79-34-5	1,1,2,2-Tetrachloroethane												

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

SW846-VOA							
	SAMPLE ID ------->	667-S-B004-01		667-S-B004-02			
	ORIGINAL ID ----->	667SB00401		667SB00402			
	LAB SAMPLE ID --->	41354-010		41354-011			
	ID FROM REPORT -->	083017		083018			
	SAMPLE DATE ----->	08/29/94		08/29/94			
	DATE ANALYZED --->	09/06/94		09/09/94			
	MATRIX ---------->	Soil		Soil			
	UNITS ---------->	UG/KG		UG/KG			
CAS #	Parameter	CHS08	VAL	CHS08	VAL		
100-41-4	Ethylbenzene						
100-42-5	Styrene						
10061-01-5	cis-1,3-Dichloropropene						
10061-02-6	trans-1,3-Dichloropropene						
107-06-2	1,2-Dichloroethane						
108-05-4	Vinyl acetate						
108-10-1	4-Methyl-2-Pentanone (MIBK)						
108-88-3	Toluene						
108-90-7	Chlorobenzene						
109-99-9	Tetrahydrofuran						
124-48-1	Dibromochloromethane						
127-18-4	Tetrachloroethene						
1330-20-7	Xylene (Total)						
540-59-0	1,2-Dichloroethene (total)						
56-23-5	Carbon tetrachloride						
591-78-6	2-Hexanone						
67-64-1	Acetone	34.		780.			
67-66-3	Chloroform						
71-43-2	Benzene						
71-55-6	1,1,1-Trichloroethane						
74-83-9	Bromomethane						
74-87-3	Chloromethane						
75-00-3	Chloroethane						
75-01-4	Vinyl chloride						
75-09-2	Methylene chloride						
75-15-0	Carbon disulfide						
75-25-2	Bromoform						
75-27-4	Bromodichloromethane						
75-34-3	1,1-Dichloroethane	10.					
75-35-4	1,1-Dichloroethene						
75-69-4	Trichlorofluoromethane						
78-87-5	1,2-Dichloropropane						
78-93-3	2-Butanone (MEK)						
79-00-5	1,1,2-Trichloroethane						
79-01-6	Trichloroethene						
79-34-5	1,1,2,2-Tetrachloroethane						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
Pre-1997 AOC 667/SWMU 138 Soil Data

TPH-IR								
	SAMPLE ID ------->	138-C-B002-01		667-C-B002-01				
	ORIGINAL ID ----->	138CB00201		667CB00201				
	LAB SAMPLE ID --->	41356-002		41356-001				
	ID FROM REPORT -->	083002		083001				
	SAMPLE DATE ----->	08/29/94		08/29/94				
	DATE EXTRACTED -->	09/06/94		09/06/94				
	DATE ANALYZED --->	09/07/94		09/07/94				
	MATRIX ---------->	Soil		Soil				
	UNITS ---------->	MG/KG		MG/KG				
CAS #	Parameter	APX02	VAL	APX02	VAL			
999900-02-4	Petroleum Hydrocarbons, TPH	200.		1800.				

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

APX9 VOA

SAMPLE ID ------->	667-H-W001-04
ORIGINAL ID ----->	667HW00104
LAB SAMPLE ID --->	25151.01
ID FROM REPORT -->	667HW00104
SAMPLE DATE ----->	04/03/96
DATE ANALYZED --->	04/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	25150 VAL
74-87-3	Chloromethane	
74-83-9	Bromomethane	
75-01-4	Vinyl chloride	
75-00-3	Chloroethane	
75-09-2	Methylene chloride	
67-64-1	Acetone	
75-15-0	Carbon disulfide	
75-35-4	1,1-Dichloroethene	
75-34-3	1,1-Dichloroethane	
540-59-0	1,2-Dichloroethene (total)	
67-66-3	Chloroform	
107-06-2	1,2-Dichloroethane	
78-93-3	2-Butanone (MEK)	
71-55-6	1,1,1-Trichloroethane	
56-23-5	Carbon tetrachloride	
108-05-4	Vinyl acetate	
75-27-4	Bromodichloromethane	
78-87-5	1,2-Dichloropropane	
10061-01-5	cis-1,3-Dichloropropene	
79-01-6	Trichloroethene	
124-48-1	Dibromochloromethane	
79-00-5	1,1,2-Trichloroethane	
71-43-2	Benzene	
10061-02-6	trans-1,3-Dichloropropene	
75-25-2	Bromoform	
108-10-1	4-Methyl-2-Pentanone (MIBK)	
591-78-6	2-Hexanone	
127-18-4	Tetrachloroethene	
108-88-3	Toluene	
79-34-5	1,1,2,2-Tetrachloroethane	
108-90-7	Chlorobenzene	
100-41-4	Ethylbenzene	
100-42-5	Styrene	
1330-20-7	Xylene (Total)	
110-75-8	2-Chloroethyl vinyl ether	
107-02-8	Acrolein	
74-88-4	Methyl iodide	

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

APX9 VOA

SAMPLE ID ------->	667-H-W001-04
ORIGINAL ID ----->	667HW00104
LAB SAMPLE ID --->	25151.01
ID FROM REPORT -->	667HW00104
SAMPLE DATE ----->	04/03/96
DATE ANALYZED --->	04/10/96
MATRIX ---------->	Water
UNITS ---------->	UG/L

CAS #	Parameter	25150	VAL
107-05-1	3-Chloropropene		
126-99-8	Chloroprene		
110-57-6	trans-1,4-Dichloro-2-butene		
76-01-7	Pentachloroethane		
75-05-8	Acetonitrile		
107-13-1	Acrylonitrile		
107-12-0	Propionitrile		
126-98-7	Methacrylonitrile		
78-83-1	Isobutyl alcohol		
123-91-1	1,4-Dioxane		
80-62-6	Methyl methacrylate		
97-63-2	Ethyl methacrylate		
106-93-4	1, 2-Dibromoethane		
630-20-6	1,1,1,2-Tetrachloroethane		
96-18-4	1,2,3-Trichloropropane		
75-71-8	Dichlorodifluoromethane		
75-69-4	Trichlorofluoromethane		
74-95-3	Methylene bromide		
96-12-8	1,2-Dibromo-3-Chloropropane		

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

CYANIDE								
	SAMPLE ID ------->	667-G-W001-01		667-G-W002-01				
	ORIGINAL ID ----->	667GW00101		667GW00201				
	LAB SAMPLE ID --->	41956-017		41956-016				
	ID FROM REPORT -->	102609		102608				
	SAMPLE DATE ----->	10/25/94		10/25/94				
	DATE EXTRACTED -->	10/27/94		10/27/94				
	DATE ANALYZED --->	10/28/94		10/28/94				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	MG/L		MG/L				
CAS #	Parameter	CHS22	VAL	CHS22	VAL			
57-12-5	Cyanide (CN)							
9999000-00-0	Cyanide, Total (9012)		NR		NR			

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

MERCURY	SAMPLE ID ------->	667-G-W001-04		667-H-W001-04		667-G-W002-04				
	ORIGINAL ID ----->	667GW00104		667HW00104		667GW00204				
	LAB SAMPLE ID --->	25150.04		25151.01		25150.05				
	ID FROM REPORT -->	667GW00104		667HW00104		667GW00204				
	SAMPLE DATE ----->	04/03/96		04/03/96		04/03/96				
	DATE EXTRACTED -->	04/10/96		04/15/96		04/10/96				
	DATE ANALYZED --->	04/11/96		04/15/96		04/11/96				
	MATRIX ---------->	Water		Water		Water				
	UNITS ---------->	UG/L		UG/L		UG/L				
CAS #	Parameter	25150	VAL	25150	VAL	25150	VAL			
7439-97-6	Mercury (Hg)									

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-META													
	SAMPLE ID ------->	667-G-W001-01		667-G-W001-02		667-H-W001-02		667-G-W001-03		667-H-W001-03		667-G-W001-04	
	ORIGINAL ID ----->	667GW00101		667GW00102		667HW00102		667GW00103		667HW00103		667GW00104	
	LAB SAMPLE ID --->	41956-012		43518-007		43519-009		45463-021		45534-002		25150.04	
	ID FROM REPORT -->	102609		667GW00102		667HW00102		667GW00103		667HW00103		667GW00104	
	SAMPLE DATE ----->	10/25/94		04/04/95		04/04/95		09/23/95		09/23/95		04/03/96	
	DATE EXTRACTED -->	10/28/94		04/06/95		04/07/95		10/02/95		10/20/95		04/09/96	
	DATE ANALYZED --->	11/01/94		04/06/95		04/10/95		10/03/95		10/24/95		04/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CHS22	VAL	CHS41	VAL	CHS39	VAL	CHS51	VAL	CHS49	VAL	25150	VAL
7429-90-5	Aluminum (Al)												
7440-36-0	Antimony (Sb)												
7440-38-2	Arsenic (As)												
7440-39-3	Barium (Ba)	12.9	J	18.2	J								
7440-41-7	Beryllium (Be)												
7440-43-9	Cadmium (Cd)												
7440-70-2	Calcium (Ca)	113000.		81900.				82100.		88300.		81900.	J
7440-47-3	Chromium (Cr)												
7440-48-4	Cobalt (Co)												
7440-50-8	Copper (Cu)												
7439-89-6	Iron (Fe)	86.2		38.6						89.9	J	34.4	J
7439-92-1	Lead (Pb)												
7439-95-4	Magnesium (Mg)	90600.		121000.				49500.	J	51800.		90100.	
7439-96-5	Manganese (Mn)	36.7		60.9		76.9				17.4		42.3	
7439-97-6	Mercury (Hg)											NR	
7440-02-0	Nickel (Ni)												
7440-09-7	Potassium (K)	41600.		50600.		NR		24900.		26800.		45200.	J
7782-49-2	Selenium (Se)												
7440-22-4	Silver (Ag)												
7440-23-5	Sodium (Na)	584000.		1220000.				224000.		245000.		743000.	
7440-28-0	Thallium (Tl)												
7440-62-2	Vanadium (V)					3.4	J					2.4	J
7440-66-6	Zinc (Zn)												
7440-31-5	Tin (Sn)	NR		NR		NR		NR		NR			

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-META											
	SAMPLE ID ------->	667-H-W001-04		667-G-W002-01		667-G-W002-02		667-G-W002-03		667-G-W002-04	
	ORIGINAL ID ----->	667HW00104		667GW00201		667GW00202		667GW00203		667GW00204	
	LAB SAMPLE ID --->	25151.01		41956-011		43518-D08		45463-023		25150.05	
	ID FROM REPORT -->	667HW00104		102608		667GW00202		667GW00203		667GW00204	
	SAMPLE DATE ----->	04/03/96		10/25/94		04/04/95		09/23/95		04/03/96	
	DATE EXTRACTED -->	04/09/96		10/28/94		04/06/95		10/02/95		04/09/96	
	DATE ANALYZED --->	04/10/96		11/01/94		04/06/95		10/03/95		04/10/96	
	MATRIX ---------->	Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	25150	VAL	CHS22	VAL	CHS41	VAL	CHS51	VAL	25150	VAL
7429-90-5	Aluminum (Al)										
7440-36-0	Antimony (Sb)										
7440-38-2	Arsenic (As)										
7440-39-3	Barium (Ba)			61.4	J	47.9	J				
7440-41-7	Beryllium (Be)	0.35	J							0.38	J
7440-43-9	Cadmium (Cd)										
7440-70-2	Calcium (Ca)	83000.	J	154000.		114000.		130000.		127000.	J
7440-47-3	Chromium (Cr)										
7440-48-4	Cobalt (Co)										
7440-50-8	Copper (Cu)										
7439-89-6	Iron (Fe)			361.		853.		943.		177.	
7439-92-1	Lead (Pb)										
7439-95-4	Magnesium (Mg)	91200.		144000.		232000.		108000.	J	185000.	
7439-96-5	Manganese (Mn)	45.3		58.2		155.		73.4	J	69.6	
7439-97-6	Mercury (Hg)	NR								NR	
7440-02-0	Nickel (Ni)										
7440-09-7	Potassium (K)	41900.	J	66100.		91800.		56700.		99900.	J
7782-49-2	Selenium (Se)										
7440-22-4	Silver (Ag)										
7440-23-5	Sodium (Na)	751000.		1500000.		2580000.		1180000.		2150000.	
7440-28-0	Thallium (Tl)										
7440-62-2	Vanadium (V)	2.4	J			5.3	J			1.3	J
7440-66-6	Zinc (Zn)										
7440-31-5	Tin (Sn)			NR		NR		NR			

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-PEST								
	SAMPLE ID ------->	667-G-W001-01		667-G-W002-01				
	ORIGINAL ID ----->	667GW00101		667GW00201				
	LAB SAMPLE ID --->	41956-007		41956-006				
	ID FROM REPORT -->	102609		102608				
	SAMPLE DATE ----->	10/25/94		10/25/94				
	DATE EXTRACTED -->	10/28/94		10/28/94				
	DATE ANALYZED --->	11/21/94		11/19/94				
	MATRIX ---------->	Water		Water				
	UNITS ---------->	UG/L		UG/L				
CAS #	Parameter	CHS22	VAL	CHS22	VAL			
309-00-2	Aldrin							
319-84-6	alpha-BHC							
319-85-7	beta-BHC							
58-89-9	gamma-BHC (Lindane)							
319-86-8	delta-BHC							
5103-71-9	alpha-Chlordane							
5103-74-2	gamma-Chlordane							
50-29-3	4,4'-DDT							
72-55-9	4,4'-DDE							
72-54-8	4,4'-DDD							
60-57-1	Dieldrin							
959-98-8	Endosulfan I							
33213-65-9	Endosulfan II							
1031-07-8	Endosulfan sulfate							
72-20-8	Endrin							
7421-93-4	Endrin aldehyde							
76-44-8	Heptachlor							
1024-57-3	Heptachlor epoxide							
8001-35-2	Toxaphene							
53494-70-5	Endrin ketone							
72-43-5	Methoxychlor							
53469-21-9	Aroclor-1242							
11097-69-1	Aroclor-1254							
11104-28-2	Aroclor-1221							
11141-16-5	Aroclor-1232							
12672-29-6	Aroclor-1248							
11096-82-5	Aroclor-1260							
12674-11-2	Aroclor-1016							
12789-03-6	Technical Chlordane	NR		NR				

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-SVOA

	SAMPLE ID ------->	667-G-W001-01	667-G-W002-01				
	ORIGINAL ID ----->	667GW00101	667GW00201				
	LAB SAMPLE ID --->	41956-007	41956-006				
	ID FROM REPORT -->	102609	102608				
	SAMPLE DATE ----->	10/25/94	10/25/94				
	DATE EXTRACTED -->	10/28/94	10/28/94				
	DATE ANALYZED --->	11/02/94	11/02/94				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	UG/L	UG/L				
CAS #	Parameter	CHS22 VAL	CHS22 VAL				
62-75-9	N-Nitrosodimethylamine						
99-09-2	3-Nitroaniline						
108-95-2	Phenol						
83-32-9	Acenaphthene						
62-53-3	Aniline						
51-28-5	2,4-Dinitrophenol						
111-44-4	bis(2-Chloroethyl)ether						
100-02-7	4-Nitrophenol						
95-57-8	2-Chlorophenol						
132-64-9	Dibenzofuran						
541-73-1	1,3-Dichlorobenzene						
121-14-2	2,4-Dinitrotoluene						
106-46-7	1,4-Dichlorobenzene						
84-66-2	Diethylphthalate						
100-51-6	Benzyl alcohol						
7005-72-3	4-Chlorophenylphenylether						
95-50-1	1,2-Dichlorobenzene						
86-73-7	Fluorene						
95-48-7	2-Methylphenol (o-Cresol)						
100-01-6	4-Nitroaniline						
108-60-1	2,2'-oxybis(1-Chloropropane)						
534-52-1	2-Methyl-4,6-Dinitrophenol						
106-44-5	4-Methylphenol (p-Cresol)						
86-30-6	N-Nitrosodiphenylamine						
621-64-7	N-Nitroso-di-n-propylamine						
103-33-3	Azobenzene						
67-72-1	Hexachloroethane						
101-55-3	4-Bromophenyl-phenylether						
98-95-3	Nitrobenzene						
118-74-1	Hexachlorobenzene						
78-59-1	Isophorone						
87-86-5	Pentachlorophenol						
88-75-5	2-Nitrophenol						
85-01-8	Phenanthrene						
105-67-9	2,4-Dimethylphenol						
120-12-7	Anthracene						

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-SVOA

SAMPLE ID ------->	667-G-W001-01	667-G-W002-01					
ORIGINAL ID ----->	667GW00101	667GW00201					
LAB SAMPLE ID --->	41956-007	41956-006					
ID FROM REPORT -->	102609	102608					
SAMPLE DATE ----->	10/25/94	10/25/94					
DATE EXTRACTED -->	10/28/94	10/28/94					
DATE ANALYZED --->	11/02/94	11/02/94					
MATRIX ---------->	Water	Water					
UNITS ---------->	UG/L	UG/L					

CAS #	Parameter	CHS22	VAL	CHS22	VAL				
65-85-0	Benzoic acid								
84-74-2	Di-n-butylphthalate								
111-91-1	bis(2-Chloroethoxy)methane								
206-44-0	Fluoranthene								
120-83-2	2,4-Dichlorophenol								
92-87-5	Benzidine								
120-82-1	1,2,4-Trichlorobenzene								
129-00-0	Pyrene								
91-20-3	Naphthalene								
85-68-7	Butylbenzylphthalate								
106-47-8	4-Chloroaniline								
91-94-1	3,3'-Dichlorobenzidine								
87-68-3	Hexachlorobutadiene								
56-55-3	Benzo(a)anthracene								
59-50-7	4-Chloro-3-methylphenol								
218-01-9	Chrysene								
91-57-6	2-Methylnaphthalene								
117-81-7	bis(2-Ethylhexyl)phthalate (BEHP)								
77-47-4	Hexachlorocyclopentadiene								
117-84-0	Di-n-octyl phthalate								
88-06-2	2,4,6-Trichlorophenol								
205-99-2	Benzo(b)fluoranthene								
95-95-4	2,4,5-Trichlorophenol								
207-08-9	Benzo(k)fluoranthene								
91-58-7	2-Chloronaphthalene								
50-32-8	Benzo(a)pyrene								
88-74-4	2-Nitroaniline								
193-39-5	Indeno(1,2,3-cd)pyrene								
131-11-3	Dimethyl phthalate								
53-70-3	Dibenz(a,h)anthracene								
208-96-8	Acenaphthylene								
191-24-2	Benzo(g,h,i)perylene								
606-20-2	2,6-Dinitrotoluene								

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-VOA													
	SAMPLE ID ------->	667-G-W001-01		667-G-W001-02		667-H-W001-02		667-G-W001-03		667-H-W001-03		667-G-W001-04	
	ORIGINAL ID ----->	667GW00101		667GW00102		667HW00102		667GW00103		667HW00103		667GW00104	
	LAB SAMPLE ID --->	41956-005		43518-012		43519-011		45463-003		45534-001		25150.04	
	ID FROM REPORT -->	102609		667GW00102		667HW00102		667GW00103		667HW00103		667GW00104	
	SAMPLE DATE ----->	10/25/94		04/04/95		04/04/95		09/23/95		09/23/95		04/03/96	
	DATE ANALYZED --->	11/08/94		04/18/95		04/18/95		10/05/95		10/05/95		04/08/96	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	CHS22	VAL	CHS41	VAL	CHS39	VAL	CHS51	VAL	CHS49	VAL	25150	VAL
74-87-3	Chloromethane												
74-83-9	Bromomethane												
75-01-4	Vinyl chloride												
75-00-3	Chloroethane												
75-09-2	Methylene chloride												
67-64-1	Acetone												
75-15-0	Carbon disulfide									79.			
109-99-9	Tetrahydrofuran												
75-69-4	Trichlorofluoromethane												
75-35-4	1,1-Dichloroethene												
75-34-3	1,1-Dichloroethane	3.4	J							3.	J		
540-59-0	1,2-Dichloroethene (total)											5.	
67-66-3	Chloroform												
107-06-2	1,2-Dichloroethane												
78-93-3	2-Butanone (MEK)												
71-55-6	1,1,1-Trichloroethane												
56-23-5	Carbon tetrachloride												
108-05-4	Vinyl acetate												
75-27-4	Bromodichloromethane												
78-87-5	1,2-Dichloropropane												
10061-01-5	cis-1,3-Dichloropropene												
10061-02-6	trans-1,3-Dichloropropene												
79-01-6	Trichloroethene												
124-48-1	Dibromochloromethane												
79-00-5	1,1,2-Trichloroethane												
71-43-2	Benzene												
75-25-2	Bromoform												
108-10-1	4-Methyl-2-Pentanone (MIBK)												
591-78-6	2-Hexanone												
127-18-4	Tetrachloroethene												
79-34-5	1,1,2,2-Tetrachloroethane												
108-88-3	Toluene												
108-90-7	Chlorobenzene												
100-41-4	Ethylbenzene												
100-42-5	Styrene												
1330-20-7	Xylene (Total)												
110-75-8	2-Chloroethyl vinyl ether												

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

SW846-VOA

	SAMPLE ID ------->	667-G-W002-01		667-G-W002-02		667-G-W002-03		667-G-W002-04			
	ORIGINAL ID ----->	667GW00201		667GW00202		667GW00203		667GW00204			
	LAB SAMPLE ID --->	41956-004		43518-013		45463-005		25150.05			
	ID FROM REPORT -->	102608		667GW00202		667GW00203		667GW00204			
	SAMPLE DATE ----->	10/25/94		04/04/95		09/23/95		04/03/96			
	DATE ANALYZED --->	11/08/94		04/18/95		10/06/95		04/10/96			
	MATRIX ---------->	Water		Water		Water		Water			
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L			
CAS #	Parameter	CHS22	VAL	CHS41	VAL	CHS51	VAL	25150	VAL		
74-87-3	Chloromethane										
74-83-9	Bromomethane										
75-01-4	Vinyl chloride										
75-00-3	Chloroethane	150.		74.		650.		260.	J		
75-09-2	Methylene chloride										
67-64-1	Acetone										
75-15-0	Carbon disulfide										
109-99-9	Tetrahydrofuran										
75-69-4	Trichlorofluoromethane										
75-35-4	1,1-Dichloroethene										
75-34-3	1,1-Dichloroethane	17.		9.		18.	J	8.	J		
540-59-0	1,2-Dichloroethene (total)										
67-66-3	Chloroform										
107-06-2	1,2-Dichloroethane										
78-93-3	2-Butanone (MEK)										
71-55-6	1,1,1-Trichloroethane										
56-23-5	Carbon tetrachloride										
108-05-4	Vinyl acetate										
75-27-4	Bromodichloromethane										
78-87-5	1,2-Dichloropropane										
10061-01-5	cis-1,3-Dichloropropene										
10061-02-6	trans-1,3-Dichloropropene										
79-01-6	Trichloroethene										
124-48-1	Dibromochloromethane										
79-00-5	1,1,2-Trichloroethane										
71-43-2	Benzene										
75-25-2	Bromoform										
108-10-1	4-Methyl-2-Pentanone (MIBK)										
591-78-6	2-Hexanone										
127-18-4	Tetrachloroethene										
79-34-5	1,1,2,2-Tetrachloroethane										
108-88-3	Toluene										
108-90-7	Chlorobenzene										
100-41-4	Ethylbenzene										
100-42-5	Styrene										
1330-20-7	Xylene (Total)										
110-75-8	2-Chloroethyl vinyl ether										

*** Validation Complete ***

CHARLESTON - ZONE H
CHARLESTON ZONE H QUARTLERY SAMPLING
Pre-1997 AOC 667/SWMU 138 Groundwater

TPH	SAMPLE ID ------->	667-G-W001-01	667-G-W002-01				
	ORIGINAL ID ----->	667GW00101	667GW00201				
	LAB SAMPLE ID --->	41956-022	41956-021				
	ID FROM REPORT -->	102609	102608				
	SAMPLE DATE ----->	10/25/94	10/25/94				
	DATE EXTRACTED -->	10/27/94	10/27/94				
	DATE ANALYZED --->	10/28/94	10/28/94				
	MATRIX ---------->	Water	Water				
	UNITS ---------->	MG/L	MG/L				
CAS #	Parameter	CHS22 VAL	CHS22 VAL				
999900-02-4	Petroleum Hydrocarbons, TPH						

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
AOC 667/SWMU 138 Groundwater Screening

SW-VOA													
	SAMPLE ID ------->	667-G-P001-15		667-G-P002-15		667-G-P003-15		667-G-P004-15		667-G-P005-19		667-G-P006-15	
	ORIGINAL ID ----->	667GP00115		667GP00215		667GP00315		667GP00415		667GP00519		667GP00615	
	LAB SAMPLE ID --->	7834-08		7834-07		7834-01		7834-02		7834-03		7834-06	
	ID FROM REPORT -->	667GP00115		667GP00215		667GP00315		667GP00415		667GP00519		667GP00615	
	SAMPLE DATE ----->	06/25/97		06/25/97		06/25/97		06/25/97		06/25/97		06/25/97	
	DATE ANALYZED --->	06/26/97		06/26/97		06/26/97		06/26/97		06/27/97		06/26/97	
	MATRIX ---------->	Water		Water		Water		Water		Water		Water	
	UNITS ---------->	UG/L		UG/L		UG/L		UG/L		UG/L		UG/L	
CAS #	Parameter	7834	VAL	7834	VAL	7834	VAL	7834	VAL	7834	VAL	7834	VAL
74-87-3	Chloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
74-83-9	Bromomethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-01-4	Vinyl chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-00-3	Chloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-09-2	Methylene chloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-64-1	Acetone	10.	U	10.	U	10.	U	10.	U	12.	U	10.	U
75-15-0	Carbon disulfide	5.	U	5.	U	2.	J	3.	J	5.	U	5.	U
75-35-4	1,1-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-34-3	1,1-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-05-4	Vinyl acetate	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
67-66-3	Chloroform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
107-06-2	1,2-Dichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-93-3	2-Butanone (MEK)	10.	U	10.	U	10.	U	10.	U	2.	J	10.	U
56-23-5	Carbon tetrachloride	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-27-4	Bromodichloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
78-87-5	1,2-Dichloropropane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-01-6	Trichloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
124-48-1	Dibromochloromethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
71-43-2	Benzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
75-25-2	Bromoform	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
127-18-4	Tetrachloroethene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U	10.	U	10.	U	10.	U	10.	U
108-88-3	Toluene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
591-78-6	2-Hexanone	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ	10.	UJ
108-90-7	Chlorobenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-41-4	Ethylbenzene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
100-42-5	Styrene	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U
99900-02-9	Xylenes (Total)	5.	U	5.	U	5.	U	5.	U	5.	U	5.	U

*** Validation Complete ***

CHARLESTON - ZONE H
NAVAL BASE CHARLESTON ZONE H (NBCH)
AOC 667/SWMU 138 Groundwater Screening

SW-VOA									
	SAMPLE ID ------->	667-G-P007-15		667-G-P008-15					
	ORIGINAL ID ----->	667GP00715		667GP00815					
	LAB SAMPLE ID --->	7834-05		7834-04					
	ID FROM REPORT -->	667GP00715		667GP00815					
	SAMPLE DATE ----->	06/25/97		06/25/97					
	DATE ANALYZED --->	06/26/97		06/26/97					
	MATRIX ---------->	Water		Water					
	UNITS ---------->	UG/L		UG/L					
CAS #	Parameter	7834	VAL	7834	VAL				
74-87-3	Chloromethane	5.	U	5.	U				
74-83-9	Bromomethane	5.	U	5.	U				
75-01-4	Vinyl chloride	5.	U	5.	U				
75-00-3	Chloroethane	5.	U	5.	U				
75-09-2	Methylene chloride	5.	U	5.	U				
67-64-1	Acetone	10.	U	10.	U				
75-15-0	Carbon disulfide	2.	J	3.	J				
75-35-4	1,1-Dichloroethene	5.	U	5.	U				
75-34-3	1,1-Dichloroethane	5.	U	5.	U				
108-05-4	Vinyl acetate	10.	U	10.	U				
156-60-5	trans-1,2-Dichloroethene	5.	U	5.	U				
67-66-3	Chloroform	5.	U	5.	U				
107-06-2	1,2-Dichloroethane	5.	U	5.	U				
71-55-6	1,1,1-Trichloroethane	5.	U	5.	U				
78-93-3	2-Butanone (MEK)	10.	U	10.	U				
56-23-5	Carbon tetrachloride	5.	U	5.	U				
75-27-4	Bromodichloromethane	5.	U	5.	U				
78-87-5	1,2-Dichloropropane	5.	U	5.	U				
10061-01-5	cis-1,3-Dichloropropene	5.	U	5.	U				
79-01-6	Trichloroethene	5.	U	5.	U				
124-48-1	Dibromochloromethane	5.	U	5.	U				
79-00-5	1,1,2-Trichloroethane	5.	U	5.	U				
71-43-2	Benzene	5.	U	5.	U				
10061-02-6	trans-1,3-Dichloropropene	5.	U	5.	U				
75-25-2	Bromoform	5.	U	5.	U				
127-18-4	Tetrachloroethene	5.	U	5.	U				
79-34-5	1,1,2,2-Tetrachloroethane	5.	U	5.	U				
108-10-1	4-Methyl-2-Pentanone (MIBK)	10.	U	10.	U				
108-88-3	Toluene	5.	U	5.	U				
591-78-6	2-Hexanone	10.	UJ	10.	UJ				
108-90-7	Chlorobenzene	5.	U	5.	U				
100-41-4	Ethylbenzene	5.	U	5.	U				
100-42-5	Styrene	5.	U	5.	U				
110-75-8	2-Chloroethyl vinyl ether	5.	U	5.	U				
99900-02-9	Xylenes (Total)	5.	U	5.	U				

*** Validation Complete ***

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

PAGE 1 OF 2

CTO-TASK: 2908-08420
COC #:
BPA/SO: PO3 REL 18 CEMIC

CLIENT: Naval Base Charleston
ADDRESS: Zone H
PROJECT NAME/NUMBER: 2908-08420
SAMPLERS: (SIGNATURE) C. Davis

PROJECT MANAGER: Charlie Vernon
TELEPHONE NO.: (803) 884-0029
FAX. NO.: (803) 856-0107

ANALYSIS REQUIRED

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH667GP003-15	6/25/97	0850	Water	40 mL	4°C	HCL	2	X							DQO Level II *
NBCH667GP004-15		0910					2	X							*
NBCH667GP005-19		0925					2	X							*
NBCH667GP008-15		0945					2	X							*
NBCH667GP007-15		1000					2	X							*
NBCH667GP006-15		1010					2	X							*
NBCH667GP002-15		1100					2	X							*
NBCH667GP001-15		1115					2	X							*
NBCH659GP002-15		1325					2	X							*
NBCH659GP001-15		1330					2	X							*

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE: C. Davis	6/25/97	SIGNATURE:		SIGNATURE:		SIGNATURE:	
PRINTED: C. Davis		PRINTED:		PRINTED:		PRINTED:	
COMPANY: EnSafe	TIME	COMPANY:	TIME	COMPANY:	TIME	COMPANY:	TIME
REASON: Lab	1700	REASON:		REASON:		REASON:	

METHOD OF SHIPMENT: FedEx
SHIPMENT NO.: 5663645271
SPECIAL INSTRUCTION:

COMMENTS: *=Preservative in Samples
All Samples DQO Lvl 2

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

CLNCOCR1

PAGE 2 OF 2

NAVY CLEAN
ENSAFE/ALLEN&HOSHALL
(901) 383-9115

CHAIN OF CUSTODY RECORD

CTO-TASK: 2908-08420
COC #:
BPA/SO: PO 8 REL 18 CEMIC

CLIENT Naval Base Charleston
ADDRESS Zone H
PROJECT NAME/NUMBER 2908-08420
SAMPLERS: (SIGNATURE)

PROJECT MANAGER Charlie Vernoy
TELEPHONE NO. (803)884-0029
FAX. NO. (803)~~884~~ 856-0107

FIELD SAMPLE NUMBER	DATE	TIME	SAMPLE TYPE	TYPE/SIZE OF CONTAINER	PRESERVATION TEMP.	PRESERVATION CHEMICAL	NO. OF CONTAINERS	VOA							REMARKS
NBCH059TP001-01	6-25-97	1330	Water	40mL	4°C	HCL	1	X							DQO Level II

6-25-97

RELINQUISHED BY:	DATE	RECEIVED BY:	DATE	RELINQUISHED BY:	DATE	RECEIVED BY:	DATE
SIGNATURE	6/25/97	SIGNATURE		SIGNATURE		SIGNATURE	
PRINTED C Davis		PRINTED		PRINTED		PRINTED	
COMPANY EnSafe	TIME	COMPANY	TIME	COMPANY	TIME	COMPANY	TIME
REASON Lab	1700	REASON		REASON		REASON	

METHOD OF SHIPMENT: Fed EX
SHIPMENT NO. 5662645271
SPECIAL INSTRUCTION:

COMMENTS:

AFTER ANALYSIS, SAMPLES ARE TO BE:
- [x] DISPOSED OF
- [ ] STORED (90 DAYS MAX)
- [ ] STORED OVER 90 DAYS
- [ ] RETURNED TO CUSTOMER

ANALYTICAL DATA RECEIVED BY (INITIALS/DATE)

CLNCOCR1

APPENDIX E

CHEMICAL DETECTED IN ZONE H MONITORING WELLS

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009MW4							
Inorganic Chemicals (mg/L)							
Barium (Ba)	ND	312	319	346	260	323	2,000
Cadmium (Cd)	ND	ND	ND	1	2	2	5
Calcium (Ca)	129,000	144,000	115,000	145,000	NA	NA	NL
Copper (Cu)	190	ND	ND	2	150	140	1,300
Iron (Fe)	45,800	61,500	49,100	72,100	1,100	NA	NL
Magnesium (Mg)	18,100	28,400	14,000	26,000	NA	NA	NL
Manganese (Mn)	272	380	263	382	84	3,391	NL
Potassium (K)	12,000	15,200	11,200	16,500	NA	NA	NL
Sodium (Na)	136,000	203,000	106,000	155,000	NA	NA	NL
Thallium (Tl)	5	ND	ND	6	0	8	2
Vanadium (V)	7	ND	5	ND	26	NA	NL
Zinc (Zn)	ND	ND	84	24	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzidine	54	ND	ND	NS	0	NA	NL
4-Chloro-3-methylphenol	3	ND	ND	ND	NA	NA	NL
1,4-Dichlorobenzene	3	ND	3	1	0	NA	75
Volatile Organic Compounds (μg/L)							
Benzene	5	4	4	ND	0	NA	5
Chlorobenzene	20	9	14	19	4	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	420	NS	NS	NA	NA	NL
Chloride (mg./L)	NS	350	170	277	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009001							
Inorganic Chemicals (mg/L)							
Arsenic (As)	2	ND	ND	ND	0	28	50
Barium (Ba)	206	179	191	ND	260	323	2,000
Calcium (Ca)	17,900	15,500	16,000	ND	NA	NA	NL
Copper (Cu)	ND	7	ND	7	150	140	1,300
Iron (Fe)	ND	172	ND	172	1,100	NA	NL
Lead (Pb)	17	5	4	ND	15	5	15
Magnesium (Mg)	8,170	7,830	7,700	9,130	NA	NA	NL
Manganese (Mn)	15	13	ND	21	84	3,391	NL
Mercury (Hg)	ND	ND	ND	0	1	NA	2
Potassium (K)	62,600	54,100	55,100	54,500	NA	NA	NL
Sodium (Na)	528,000	657,500	550,000	513,000	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Di-n-butylphthalate	3	ND	ND	ND	370	NA	NL
2,4-Dimethylphenol	56	52	36	38	73	NA	NL
2-Methylphenol (o-Cresol)	4	3	3	2	180	NA	NL
4-Methylphenol (p-Cresol)	2	ND	3	1	18	NA	NL
Naphthalene	6	4	5	ND	150	NA	NL
Volatile Organic Compounds (μg/L)							
Benzene	2	ND	ND	2	0	NA	5
Ethylbenzene	150	71	130	75	130	NA	700
Toluene	13	7	10	7	75	NA	1,000
Xylene (Total)	450	145	320	220	1,200	NA	10,000
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	150	NS	NS	NA	NA	NL
Carbonate (as CaCO3) (mg Ca)	NS	71	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	830	1,000	844	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009002							
Dioxins (pg/L)							
Dioxin Equiv.	3	NS	0	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	1	ND	ND	ND	0	28	50
Barium (Ba)	ND	ND	46	ND	260	323	2,000
Calcium (Ca)	248,000	317,000	287,000	273,000	NA	NA	NL
Iron (Fe)	11,500	18,000	19,100	24,700	1,100	NA	NL
Magnesium (Mg)	99,100	134,000	138,000	81,200	NA	NA	NL
Manganese (Mn)	1,220	1,990	1,500	1,680	84	3,391	NL
Potassium (K)	42,700	45,600	58,700	33,900	NA	NA	NL
Sodium (Na)	559,000	732,000	828,000	358,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	7	0	8	2
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	720	NS	NS	NA	NA	NL
Chloride (mg Ca)	NS	640	1,200	413	NA	NA	NL
Sulfate (mg/L)	NS	610	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	2	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009003							
Inorganic Chemicals (mg/L)							
Arsenic (As)	11	8	10	ND	0	28	50
Barium (Ba)	884	1,410	1,200	841	260	323	2,000
Calcium (Ca)	54,200	43,300	42,800	23,100	NA	NA	NL
Chromium (Cr)	5	ND	ND	ND	18	18	100
Cobalt (Co)	3	ND	ND	ND	220	NA	NL
Copper (Cu)	ND	ND	ND	2	150	140	1,300
Iron (Fe)	821	560	442	398	1,100	NA	NL
Lead (Pb)	14	ND	ND	ND	15	5	15
Magnesium (Mg)	59,300	60,000	51,300	40,900	NA	NA	NL
Manganese (Mn)	35	ND	ND	30	84	3,391	NL
Mercury (Hg)	1	0	ND	0	1	NA	2
Nickel (Ni)	ND	ND	ND	4	73	NA	100
Potassium (K)	72,100	70,400	63,200	60,900	NA	NA	NL
Selenium (Se)	ND	3	ND	ND	18	3	50
Sodium (Na)	1,110,000	803,000	772,000	526,000	NA	NA	NL
Thallium (Tl)	1	ND	ND	ND	0	8	2
Vanadium (V)	9	ND	ND	1	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	3	15,000	NA	NL
Di-n-butylphthalate	3	ND	ND	1	370	NA	NL
2,4-Dimethylphenol	18	16	14	2	73	NA	NL
2-Methylnaphthalene	8	5	5	2	150	NA	NL
2-Methylphenol (o-Cresol)	5	4	4	ND	180	NA	NL
Naphthalene	8	6	8	3	150	NA	NL
Phenol	7	5	11	ND	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
Benzene	2	ND	ND	1	0	NA	5
Ethylbenzene	3	ND	ND	ND	130	NA	700
Xylene (Total)	15	8	11	2	1,200	NA	10,000

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	380	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	1,100	1,500	701	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009004							
Inorganic Chemicals (mg/L)							
Arsenic (As)	2	ND	ND	ND	0	28	50
Barium (Ba)	107	ND	156	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	1	0	0	4
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	263,000	318,000	268,500	257,500	NA	NA	NL
Iron (Fe)	ND	369	2,144	183	1,100	NA	NL
Lead (Pb)	9	ND	ND	ND	15	5	15
Magnesium (Mg)	387,000	455,000	416,000	410,000	NA	NA	NL
Manganese (Mn)	184	328	408	205	84	3,391	NL
Potassium (K)	129,000	146,000	152,000	134,500	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	3	50
Sodium (Na)	4,000,000	4,130,000	3,955,000	5,460,000	NA	NA	NL
Tin (Sn)	ND	NS	NS	3	2,200	NA	NL
Vanadium (V)	ND	ND	4	1	26	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	8	370	NA	NL
Carbon disulfide	81	ND	66	ND	100	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	380	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	9,000	8,250	6,900	NA	NA	NL
Sulfate (mg/L)	NS	1,100	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	5	NS	NS	NA	NA	NL
Sulfite (mg/L)	NS	4	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009005							
Dioxins (pg/L)							
Dioxin Equiv.	2	NS	NS	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	5	4	ND	ND	0	28	50
Barium (Ba)	44	ND	ND	ND	260	323	2,000
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	101,000	128,000	94,600	138,000	NA	NA	NL
Iron (Fe)	11,100	17,000	12,600	18,200	1,100	NA	NL
Magnesium (Mg)	104,000	155,000	99,500	237,000	NA	NA	NL
Manganese (Mn)	104	130	95	127	84	3,391	NL
Potassium (K)	41,200	50,300	42,200	83,100	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	1,100,000	1,520,000	1,100,000	2,100,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Zinc (Zn)	20	ND	ND	ND	1,100	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	12	ND	19	ND	370	NA	NL
Carbon disulfide	21	ND	4	ND	100	NA	NL
4-Methyl-2-Pentanone (MIBK)	ND	10	ND	ND	290	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	460	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	2,400	2,700	4,080	NA	NA	NL
Total phosphorus (mg/L)	NS	1	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009006							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	4	ND	ND	0	28	50
Barium (Ba)	61	ND	86	ND	260	323	2,000
Calcium (Ca)	100,000	105,000	84,300	99,100	NA	NA	NL
Chromium (Cr)	ND	ND	12	4	18	18	100
Copper (Cu)	ND	154	474	337	150	140	1,300
Iron (Fe)	1,310	9,820	7,180	11,500	1,100	NA	NL
Magnesium (Mg)	3,910	5,280	2,790	10,000	NA	NA	NL
Manganese (Mn)	57	178	ND	122	84	3,391	NL
Mercury (Hg)	ND	ND	ND	0	1	NA	2
Potassium (K)	3,400	ND	3,430	ND	NA	NA	NL
Sodium (Na)	5,740	24,400	ND	ND	NA	NA	NL
Vanadium (V)	101	68	354	126	26	NA	NL
Zinc (Zn)	ND	ND	243	126	1,100	NA	NL
Petroleum Hydrocarbons (μg/L)							
Indeterminate Lubricating Oil	NS	NS	1,600	NS	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
1,2-Dichlorobenzene	ND	ND	ND	2	27	NA	600
Hexachlorobenzene	ND	74	ND	ND	0	NA	1
Hexachlorobutadiene	ND	3	ND	ND	0	NA	NL
Hexachloroethane	ND	3	ND	ND	1	NA	NL
Volatile Organic Compounds (μg/L)							
Chlorobenzene	ND	2	ND	ND	4	NA	Nl
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	240	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	43	4	98	NA	NA	NL
Total phosphorus (mg/L)	NS	1	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009007							
Dioxins (pg/L)							
Dioxin Equiv.	NS	NS	1	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	2	ND	2	ND	0	28	50
Barium (Ba)	419	407	424	384	260	323	2,000
Beryllium (Be)	ND	1	ND	ND	0	0	4
Calcium (Ca)	279,000	277,500	236,000	220,500	NA	NA	NL
Chromium (Cr)	ND	ND	7	6	18	18	100
Cobalt (Co)	ND	ND	ND	2	220	NA	NL
Iron (Fe)	43,100	56,600	36,300	45,700	1,100	NA	NL
Lead (Pb)	2	ND	ND	ND	15	5	15
Magnesium (Mg)	345,000	389,500	304,000	295,000	NA	NA	NL
Manganese (Mn)	413	450	293	328	84	3,391	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Nickel (Ni)	ND	ND	ND	5	73	NA	100
Potassium (K)	123,000	139,500	133,500	107,500	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	3,050,000	3,555,000	2,950,000	3,040,000	NA	NA	NL
Thallium (Tl)	ND	ND	17	3	0	8	2
Vanadium (V)	7	ND	6	ND	26	NA	NL
Pesticide/PCB Compounds (μg/L)							
Endosulfan sulfate	ND	ND	ND	0	22	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Chloroethyl)ether	140	50	100	62	0	NA	NL
1,4-Dichlorobenzene	ND	ND	ND	9	0	NA	75
1,2-Dichlorobenzene	ND	ND	ND	19	27	NA	600
2,4-Dimethylphenol	1,700	405	1,350	760	73	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	2	5	NA	NL
2-Methylnaphthalene	ND	ND	ND	9	150	NA	NL
2-Methylphenol (o-Cresol)	270	42	435	110	180	NA	NL
4-Methylphenol (p-Cresol)	4,400	820	3,100	1,700	18	NA	NL
Naphthalene	ND	ND	ND	5	150	NA	NL
Phenol	ND	ND	145	153	2,200	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Volatile Organic Compounds (μg/L)							
Benzene	11	11	12	13	0	NA	5
Chlorobenzene	63	39	39	41	4	NA	NL
1,2-Dichloroethane	59	58	36	51	0	NA	5
1,1-Dichloroethane	ND	ND	ND	2	81	NA	NL
1,2-Dichloroethene (total)	86	160	101	395	6	NA	70
1,1-Dichloroethene	ND	ND	ND	3	0	NA	7
Ethylbenzene	99	78	31	99	130	NA	700
Methylene chloride	ND	120	68	305	4	NA	5
Tetrachloroethene	ND	ND	ND	1	1	NA	5
Toluene	37	27	ND	31	75	NA	1,000
1,1,1-Trichloroethane	ND	ND	ND	1	79	NA	200
Trichloroethene	ND	9	12	58	2	NA	5
Trichlorofluoromethane	ND	52	27	1,100	130	NA	NL
Vinyl chloride	720	415	420	ND	0	NA	2
Xylene (Total)	600	470	195	655	1,200	NA	10,000
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	290	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	960	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	61	NS	NS	NS	100	NA	NL
Bicarbonate (as CaCO3) (mg Ca)	NS	1,150	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	6,650	5,250	5,415	NA	NA	NL
Sulfide (mg/L)	NS	3	NS	NS	NA	NA	NL
Total BOD5 (mg/L)	30	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	9,800	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	1,900	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	55	NS	NS	NS	NA	NA	NL
Total Phosphorus (mg/L)	0	1	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	100	NS	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009008							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	1,050	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	75	ND	ND	0	28	50
Barium (Ba)	248	480	159	ND	260	323	2,000
Calcium (Ca)	263,000	376,000	269,000	221,000	NA	NA	NL
Iron (Fe)	22,800	71,900	32,700	30,400	1,100	NA	NL
Magnesium (Mg)	273,000	655,000	181,000	170,000	NA	NA	NL
Manganese (Mn)	1,190	366	1,670	1,520	84	3,391	NL
Potassium (K)	59,200	127,000	51,600	40,500	NA	NA	NL
Sodium (Na)	2,430,000	5,460,000	1,920,000	1,790,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	6	0	8	2
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	3	5	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	21	ND	370	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	870	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	9,700	3,400	2,950	NA	NA	NL
Sulfide (mg/L)	NS	2	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	2	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009009							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	857	1,020	261	329	3,700	NA	NL
Arsenic (As)	12	6	5	ND	0	28	50
Barium (Ba)	84	ND	ND	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	121,000	146,000	135,000	121,000	NA	NA	NL
Cobalt (Co)	2	ND	ND	ND	220	NA	NL
Copper (Cu)	ND	ND	ND	3	150	140	1,300
Iron (Fe)	25,400	34,500	27,800	25,100	1,100	NA	NL
Lead (Pb)	53	34	12	11	15	5	15
Magnesium (Mg)	24,700	24,300	19,700	25,900	NA	NA	NL
Manganese (Mn)	385	385	403	348	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	26,100	23,400	22,300	25,700	NA	NA	NL
Sodium (Na)	230,000	137,000	126,000	299,000	NA	NA	NL
Thallium (Tl)	1	ND	ND	ND	0	8	2
Vanadium (V)	4	ND	ND	3	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	17	6	5	10	220	NA	NL
Anthracene	ND	ND	ND	1	1,100	NA	NL
Dibenzofuran	5	ND	ND	2	15	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	2	5	NA	NL
Fluorene	8	ND	ND	4	150	NA	NL
Naphthalene	4	ND	ND	ND	150	NA	NL
Phenanthrene	4	ND	ND	2	150	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	ND	22	ND	4	370	NA	NL
Benzene	3	7	12	6	0	NA	5
Carbon disulfide	ND	7	ND	ND	100	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	110	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	710	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	14	NS	NS	NS	100	NA	NL
Bicarbonate (as CaCO3) (mg Ca)	NS	630	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	200	140	252	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	1,200	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	340	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	33	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	1	1	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	39	NS	NS	NS	NA	NA	NL

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NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009010							
Inorganic Chemicals (mg/L)							
Barium (Ba)	ND	370	485	553	260	323	2,000
Cadmium (Cd)	ND	ND	2	1	2	2	5
Calcium (Ca)	130,000	131,500	131,000	144,000	NA	NA	NL
Chromium (Cr)	ND	ND	6	1	18	18	100
Cobalt (Co)	ND	ND	ND	2	220	NA	NL
Copper (Cu)	ND	ND	ND	2	150	140	1,300
Iron (Fe)	19,600	47,000	38,400	56,700	1,100	NA	NL
Lead (Pb)	ND	2	ND	ND	15	5	15
Magnesium (Mg)	446,000	269,500	191,000	159,000	NA	NA	NL
Manganese (Mn)	226	308	275	349	84	3,391	NL
Potassium (K)	130,000	87,200	72,400	74,600	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	3,540,000	2,335,000	1,700,000	1,320,000	NA	NA	NL
Vanadium (V)	8	ND	10	ND	26	NA	NL
Zinc (Zn)	20	ND	6	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	3	3	4	3	220	NA	NL
Benzoic acid	ND	ND	ND	2	15,000	NA	NL
2-Chlorophenol	6	9	7	15	18	NA	NL
Dibenzofuran	ND	ND	ND	1	15	NA	NL
1,4-Dichlorobenzene	8	9	8	8	0	NA	75
1,3-Dichlorobenzene	ND	ND	ND	2	54	NA	600
1,2-Dichlorobenzene	5	4	5	3	27	NA	600
bis(2-Ethylhexyl)phthalate (BEHP)	2	ND	ND	ND	5	NA	NL
Fluorene	ND	ND	3	ND	150	NA	NL
2-Methylnaphthalene	3	3	3	2	150	NA	NL
Naphthalene	2	3	3	2	150	NA	NL
Phenol	ND	6	4	11	2,200	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Volatile Organic Compounds (μg/L)							
Acetone	ND	230	ND	ND	370	NA	NL
Benzene	180	85	220	100	0	NA	5
Chlorobenzene	1,300	520	1,200	440	4	NA	NL
Ethylbenzene	55	21	ND	12	130	NA	700
Toluene	ND	ND	ND	2	75	NA	1,000
Xylene (Total)	ND	17	ND	6	1,200	NA	10,000
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	220	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	810	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	20	NS	NS	NS	100	NA	NL
Bicarbonate (as CaCO3) (mg Ca)	NS	765	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	4,100	3,200	1,970	NA	NA	NL
Sulfate (mg/L)	NS	115	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	8	NS	NS	NA	NA	NL
Total BOD5 (mg/L)	10	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	10,000	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	1,800	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	23	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	1	1	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	93	NS	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009011							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	36	25	33	0	28	50
Calcium (Ca)	159,000	213,000	156,000	171,000	NA	NA	NL
Chromium (Cr)	ND	ND	5	ND	18	18	100
Cobalt (Co)	ND	ND	ND	1	220	NA	NL
Iron (Fe)	32,000	43,800	31,700	33,300	1,100	NA	NL
Magnesium (Mg)	44,800	67,300	65,700	43,200	NA	NA	NL
Manganese (Mn)	471	701	374	442	84	3,391	NL
Potassium (K)	28,300	33,200	36,600	27,400	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	322,000	618,000	566,000	464,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Vanadium (V)	3	ND	5	ND	26	NA	NL
Pesticide/PCB Compounds (µg/L)							
4,4'-DDT	0	ND	ND	ND	0	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Butylbenzylphthalate	ND	3	ND	ND	730	NA	NL
4-Chloro-3-methylphenol	3	ND	ND	ND	NA	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	ND	ND	27	ND	370	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	620	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	750	1,000	446	NA	NA	NL
Total phosphorus (mg/L)	NS	1	NS	NS	NA	NA	NL

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NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009012							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	864	321	231	3,700	NA	NL
Arsenic (As)	ND	23	56	38	0	28	50
Barium (Ba)	92	ND	87	84	260	323	2,000
Cadmium (Cd)	ND	2	ND	ND	2	2	5
Calcium (Ca)	419,000	428,000	372,000	368,000	NA	NA	NL
Chromium (Cr)	1,460	ND	ND	1	18	18	100
Cobalt (Co)	ND	ND	ND	1	220	NA	NL
Iron (Fe)	57,300	51,700	42,200	42,750	1,100	NA	NL
Lead (Pb)	ND	5	ND	ND	15	5	15
Magnesium (Mg)	118,000	379,000	ND	103,500	NA	NA	NL
Manganese (Mn)	1,700	1,850	1,450	1,575	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	52,300	105,000	44,900	41,800	NA	NA	NL
Sodium (Na)	533,000	2,690,000	344,000	499,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Vanadium (V)	ND	ND	7	5	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	NS	2	15,000	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	3	NS	ND	5	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	8	370	NA	NL
Benzene	3	ND	ND	ND	0	NA	5
Chlorobenzene	14	ND	8	3	4	NA	NL
Methylene chloride	ND	ND	ND	4	4	NA	5
Xylene (Total)	4	ND	ND	ND	1,200	NA	10,000

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NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	130	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	1,200	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	29	NS	NS	NS	100	NA	NL
Bicarbonate (as CaCO3) (mg Ca)	NS	1,500	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	1,300	400	492	NA	NA	NL
Sulfate (mg/L)	NS	130	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	2	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	3,900	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	1,200	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	36	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	4	7	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	110	NS	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009013							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	208	164	3,700	NA	NL
Arsenic (As)	1	ND	ND	ND	0	28	50
Barium (Ba)	155	216	181	182	260	323	2,000
Cadmium (Cd)	ND	2	ND	ND	2	2	5
Calcium (Ca)	157,000	231,000	149,000	158,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	4	18	18	100
Cobalt (Co)	2	ND	ND	2	220	NA	NL
Copper (Cu)	ND	ND	ND	2	150	140	1,300
Iron (Fe)	16,400	10,500	16,700	24,600	1,100	NA	NL
Lead (Pb)	3	2	ND	ND	15	5	15
Magnesium (Mg)	87,800	191,000	103,000	81,600	NA	NA	NL
Manganese (Mn)	518	813	511	492	84	3,391	NL
Mercury (Hg)	ND	ND	ND	1	1	NA	2
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	44,000	62,900	48,300	45,600	NA	NA	NL
Silver (Ag)	4	ND	ND	3	18	NA	NL
Sodium (Na)	666,000	1,410,000	923,000	623,000	NA	NA	NL
Thallium (Tl)	1	ND	16	5	0	8	2
Vanadium (V)	6	ND	6	5	26	NA	NL
Zinc (Zn)	ND	ND	12	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	20	16	16	11	220	NA	NL
Benzoic acid	21	ND	ND	ND	15,000	NA	NL
Dibenzofuran	8	5	5	4	15	NA	NL
1,4-Dichlorobenzene	7	6	5	4	0	NA	75
Fluoranthene	4	3	4	3	150	NA	NL
Fluorene	6	ND	2	1	150	NA	NL
2-Methylnaphthalene	3	ND	ND	ND	150	NA	NL
Naphthalene	10	ND	5	4	150	NA	NL
Phenanthrene	10	ND	ND	ND	150	NA	NL
Pyrene	ND	ND	ND	2	110	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	11	370	NA	NL
Benzene	4	3	5	4	0	NA	5
Chlorobenzene	31	18	30	25	4	NA	NL
Chloroethane	7	6	ND	ND	860	NA	NL
Ethylbenzene	ND	ND	ND	1	130	NA	700
Toluene	ND	ND	3	2	75	NA	1,000
Xylene (Total)	ND	ND	ND	6	1,200	NA	10,000
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	800	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	2,000	1,400	980	NA	NA	NL
Sulfate (mg/L)	NS	38	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009014							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	162	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	25	ND	5	0	28	50
Barium (Ba)	283	281	262	256	260	323	2,000
Cadmium (Cd)	ND	2	2	ND	2	2	5
Calcium (Ca)	246,000	297,000	243,000	208,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Cobalt (Co)	ND	ND	ND	2	220	NA	NL
Iron (Fe)	28,300	31,300	15,400	22,000	1,100	NA	NL
Lead (Pb)	ND	2	ND	ND	15	5	15
Magnesium (Mg)	273,000	317,000	215,000	214,000	NA	NA	NL
Manganese (Mn)	980	1,220	1,030	954	84	3,391	NL
Potassium (K)	101,000	109,000	87,700	111,000	NA	NA	NL
Silver (Ag)	ND	ND	ND	3	18	NA	NL
Sodium (Na)	2,510,000	2,570,000	1,900,000	2,070,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	5	0	8	2
Vanadium (V)	ND	ND	4	ND	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
1,4-Dichlorobenzene	3	ND	ND	1	0	NA	75
Volatile Organic Compounds (μg/L)							
Benzene	9	4	4	5	0	NA	5
Chlorobenzene	61	25	26	39	4	NA	NL
Xylene (Total)	4	ND	ND	ND	1,200	NA	10,000
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	1,200	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	5,000	3,700	3,390	NA	NA	NL
Sulfate (mg/L)	NS	11	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	1	NS	NS	NA	NA	NL
Total phosphorus (mg/l)	NS	3	NS	NS	NA	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009015							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	7	9	8	0	28	50
Barium (Ba)	409	534	459	437	260	323	2,000
Cadmium (Cd)	ND	1	ND	ND	2	2	5
Calcium (Ca)	263,000	190,000	179,000	161,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Cobalt (Co)	ND	3	ND	2	220	NA	NL
Copper (Cu)	ND	ND	ND	1	150	140	1,300
Iron (Fe)	33,000	19,200	40,400	8,090	1,100	NA	NL
Lead (Pb)	ND	4	ND	2	15	5	15
Magnesium (Mg)	60,200	56,000	40,700	65,400	NA	NA	NL
Manganese (Mn)	1,230	541	1,090	408	84	3,391	NL
Nickel (Ni)	ND	ND	11	4	73	NA	100
Potassium (K)	49,400	46,400	41,800	62,900	NA	NA	NL
Silver (Ag)	ND	ND	2	ND	18	NA	NL
Sodium (Na)	297,000	342,000	209,000	537,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Vanadium (V)	ND	ND	ND	4	26	NA	NL
Pesticide/PCB Compounds (µg/L)							
4,4'-DDD	ND	0	ND	ND	0	NA	NL
4,4'-DDE	ND	0	ND	ND	0	NA	NL
Endosulfan I	ND	0	ND	ND	22	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	12	ND	3	2	220	NA	NL
Benzoic acid	ND	ND	ND	2	15,000	NA	NL
Dibenzofuran	3	ND	ND	ND	15	NA	NL
Fluoranthene	3	ND	ND	1	150	NA	NL
Fluorene	5	ND	ND	ND	150	NA	NL
Naphthalene	7	ND	ND	ND	150	NA	NL
Phenanthrene	4	ND	ND	ND	150	NA	NL
Pyrene	ND	ND	ND	1	110	NA	NL

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Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	13	370	NA	NL
Methylene chloride	ND	9	ND	ND	4	NA	5
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	720	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	690	400	867	NA	NA	NL
Nitrate (as N) (mg/L)	NS	0	NS	NS	5,800	NA	NL
Sulfate (mg/L)	NS	17	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	0	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009016							
Dioxins (pg/L)							
Dioxin Equiv.	NS	0	1	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Antimony (Sb)	NS	19	ND	ND	2	NA	6
Barium (Ba)	NS	760	951	951	260	323	2,000
Cadmium (Cd)	NS	1	2	ND	2	2	5
Calcium (Ca)	NS	473,000	201,000	267,000	NA	NA	NL
Chromium (Cr)	NS	5	ND	3	18	18	100
Copper (Cu)	NS	ND	7	5	150	140	1,300
Iron (Fe)	NS	22,100	29,200	37,500	1,100	NA	NL
Lead (Pb)	NS	21	28	23	15	5	15
Magnesium (Mg)	NS	85,600	234,000	180,000	NA	NA	NL
Manganese (Mn)	NS	493	606	709	84	3,391	NL
Nickel (Ni)	NS	ND	ND	5	73	NA	100
Potassium (K)	NS	57,500	90,300	73,300	NA	NA	NL
Sodium (Na)	NS	1,560,000	2,660,000	2,450,000	NA	NA	NL
Vanadium (V)	NS	ND	6	2	26	NA	NL
Zinc (Zn)	NS	ND	23	ND	1,100	NA	NL
Pesticide/PCB Compounds (µg/L)							
2,4,5-T	NS	1	NS	NS	37	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	NS	4	4	2	220	NA	NL
Azobenzene	NS	3	ND	NS	1	NA	NL
Benzoic acid	NS	69	ND	ND	15,000	NA	NL
Dibenzofuran	NS	1	ND	ND	15	NA	NL
1,4-Dichlorobenzene	NS	ND	ND	1	0	NA	75
Diethylphthalate	NS	3	ND	ND	2,900	NA	NL
2,4-Dimethylphenol	NS	7	2	1	73	NA	NL
Diphenylamine	NS	10	NS	NS	91	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	NS	5	ND	ND	5	NA	NL
Fluorene	NS	3	2	1	150	NA	NL
Hexachlorocyclopentadiene	NS	11	ND	ND	0	NA	50
2-Methylnaphthalene	NS	2	ND	ND	150	NA	NL
4-Methylphenol (p-Cresol)	NS	27	7	5	18	NA	NL
Naphthalene	NS	ND	ND	1	150	NA	NL
N-Nitrosodiphenylamine	NS	3	6	5	14	NA	NL
Pentachlorophenol	NS	24	ND	ND	1	NA	1
Phenanthrene	NS	3	3	2	150	NA	NL
Phenol	NS	52	7	18	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	NS	45	ND	ND	370	NA	NL
Benzene	NS	3	4	ND	0	NA	5
2-Butanone (MEK)	NS	11	ND	2	190	NA	NL
Chlorobenzene	NS	9	ND	ND	4	NA	NL
4-Methyl-2-Pentanone (MIBK)	NS	3	ND	1	290	NA	NL
Toluene	NS	2	ND	ND	75	NA	1,000
Xylene (Total)	NS	3	ND	ND	1,200	NA	10,000
Water Quality Related Compounds							
Chloride (mg/L)	NS	NS	4,900	4,390	NA	NA	NL

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NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009017							
Inorganic Chemicals (mg/L)							
Barium (Ba)	NS	499	ND	ND	260	323	2,000
Calcium (Ca)	NS	202,000	135,000	149,000	NA	NA	NL
Iron (Fe)	NS	743	6,260	6,310	1,100	NA	NL
Lead (Pb)	NS	ND	1	ND	15	5	15
Magnesium (Mg)	NS	241,000	37,400	83,100	NA	NA	NL
Manganese (Mn)	NS	127	145	179	84	3,391	NL
Potassium (K)	NS	90,500	14,100	28,000	NA	NA	NL
Sodium (Na)	NS	2,560,000	350,000	817,000	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	NS	7	4	3	220	NA	NL
Benzoic acid	NS	55	ND	ND	15,000	NA	NL
Fluorene	NS	2	ND	ND	150	NA	NL
2-Methylnaphthalene	NS	8	ND	ND	150	NA	NL
Naphthalene	NS	9	ND	2	150	NA	NL
Pentachlorophenol	NS	11	ND	ND	1	NA	1
Phenanthrene	NS	4	ND	ND	150	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	NS	640	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009018							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	ND	484	ND	3,700	NA	NL
Arsenic (As)	NS	ND	3	ND	0	28	50
Barium (Ba)	NS	1,200	1,110	762	260	323	2,000
Calcium (Ca)	NS	236,000	181,000	137,000	NA	NA	NL
Chromium (Cr)	NS	ND	ND	1	18	18	100
Copper (Cu)	NS	ND	33	23	150	140	1,300
Iron (Fe)	NS	3,790	1,920	1,540	1,100	NA	NL
Lead (Pb)	NS	8	20	11	15	5	15
Magnesium (Mg)	NS	224,000	218,000	237,000	NA	NA	NL
Manganese (Mn)	NS	320	296	154	84	3,391	NL
Potassium (K)	NS	87,700	101,000	92,500	NA	NA	NL
Sodium (Na)	NS	2,350,000	2,370,000	2,600,000	NA	NA	NL
Vanadium (V)	NS	ND	ND	7	26	NA	NL
Zinc (Zn)	NS	ND	89	ND	1,100	NA	NL
Petroleum Hydrocarbons (μg/L)							
Gasoline	NS	NS	NS	6	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	NS	56	NS	ND	15,000	NA	NL
Pentachlorophenol	NS	11	NS	ND	1	NA	1
Volatile Organic Compounds (μg/L)							
2-Butanone (MEK)	NS	ND	NS	6	190	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	NS	3,500	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009019							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	600	ND	ND	3,700	NA	NL
Arsenic (As)	NS	ND	2	ND	0	28	50
Barium (Ba)	NS	401	209	ND	260	323	2,000
Calcium (Ca)	NS	236,000	195,500	178,500	NA	NA	NL
Iron (Fe)	NS	21,600	9,270	21,650	1,100	NA	NL
Lead (Pb)	NS	3	ND	ND	15	5	15
Magnesium (Mg)	NS	133,000	72,150	85,000	NA	NA	NL
Manganese (Mn)	NS	531	292	376	84	3,391	NL
Potassium (K)	NS	65,300	41,350	48,850	NA	NA	NL
Sodium (Na)	NS	1,180,000	660,000	819,000	NA	NA	NL
Vanadium (V)	NS	ND	ND	6	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	NS	4	NS	NS	220	NA	NL
Benzoic acid	NS	52	NS	NS	15,000	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	NS	ND	ND	5	370	NA	NL
Chlorobenzene	NS	28	31	23	4	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	NS	2,000	NS	NA	NA	NL

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NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00902D							
Inorganic Chemicals (mg/L)							
Barium (Ba)	ND	ND	29	ND	260	237	2,000
Cadmium (Cd)	ND	ND	4	ND	2	NA	5
Calcium (Ca)	110,000	154,000	113,000	ND	NA	NA	NL
Iron (Fe)	3,450	5,640	5,080	3,260	1,100	NA	NL
Magnesium (Mg)	631,000	791,000	701,000	448,000	NA	NA	NL
Manganese (Mn)	73	184	171	97	84	776	NL
Potassium (K)	188,000	241,000	239,000	289,000	NA	NA	NL
Sodium (Na)	5,300,000	6,270,000	5,830,000	6,390,000	NA	NA	NL
Thallium (Tl)	ND	ND	17	ND	0	NA	2
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	1,700	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	16,000	10,000	9,660	NA	NA	NL
Total phosphorus (mg/L)	NS	2	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected In Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00903D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	4	ND	2	ND	0	15	50
Barium (Ba)	176	ND	95	ND	260	237	2,000
Beryllium (Be)	ND	ND	ND	1	0	NA	4
Cadmium (Cd)	ND	3	4	ND	2	NA	5
Calcium (Ca)	122,000	164,000	126,000	117,000	NA	NA	NL
Cobalt (Co)	2	ND	ND	ND	220	3	NL
Iron (Fe)	8,590	11,900	8,210	6,180	1,100	NA	NL
Lead (Pb)	7	ND	ND	ND	15	4	15
Magnesium (Mg)	683,000	825,000	782,000	685,000	NA	NA	NL
Manganese (Mn)	805	1,220	910	766	84	776	NL
Potassium (K)	175,000	216,000	224,000	197,000	NA	NA	NL
Sodium (Na)	5,340,000	6,270,000	5,940,000	7,450,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	5	2,200	NA	NL
Vanadium (V)	6	ND	ND	3	26	9	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	25	ND	5	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	2	370	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	1,600	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	11,000	11,000	9,500	NA	NA	NL
Sulfate (mg/L)	NS	13	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	1	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	5	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00904D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	1,580	ND	ND	ND	3,700	723	NL
Arsenic (As)	5	ND	ND	ND	0	15	50
Barium (Ba)	74	ND	96	ND	260	237	2,000
Beryllium (Be)	ND	ND	ND	1	0	NA	4
Cadmium (Cd)	ND	3	4	ND	2	NA	5
Calcium (Ca)	265,000	271,000	213,000	204,000	NA	NA	NL
Chromium (Cr)	18	ND	ND	1	18	NA	100
Iron (Fe)	2,080	ND	ND	ND	1,100	NA	NL
Lead (Pb)	4	ND	ND	ND	15	4	15
Magnesium (Mg)	820,000	869,000	886,000	785,000	NA	NA	NL
Manganese (Mn)	27	ND	ND	ND	84	776	NL
Potassium (K)	182,000	234,000	235,000	217,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Sodium (Na)	6,380,000	7,040,000	6,970,000	8,720,000	NA	NA	NL
Thallium (Tl)	160	ND	ND	ND	0	NA	2
Tin (Sn)	NS	NS	NS	5	2,200	NA	NL
Vanadium (V)	12	ND	5	2	26	9	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	1	5	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	25	ND	ND	ND	370	NA	NL
Carbon disulfide	61	3	370	8	100	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (Mg/L)	NS	1,700	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	18,000	15,000	12,100	NA	NA	NL
Nitrate (as N) (mg/L)	NS	0	NS	NS	5,800	NA	NL
Nitrite (as N) (mg/L)	NS	0	NS	NS	370	NA	NL
Sulfate (mg/L)	NS	13	NS	NS	NA	NA	NL
Sulfide (mg/L)	NS	140	NS	NS	NA	NA	NL
Sulfite (mg/L)	NS	170	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	1	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00905D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	369	ND	ND	ND	3,700	723	NL
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	104,000	116,000	96,300	90,600	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	NA	100
Copper (Cu)	ND	ND	ND	3	150	NA	1,300
Iron (Fe)	4,600	7,800	4,760	4,480	1,100	NA	NL
Magnesium (Mg)	629,000	725,000	704,000	641,000	NA	NA	NL
Manganese (Mn)	94	252	181	159	84	776	NL
Potassium (K)	195,000	205,000	209,000	296,000	NA	NA	NL
Selenium (Se)	ND	ND	ND	4	18	2	50
Sodium (Na)	5,640,000	5,730,000	5,510,000	8,330,000	NA	NA	NL
Vanadium (V)	ND	ND	5	ND	26	9	NL
Zinc (Zn)	ND	ND	104	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	2	ND	ND	ND	15,000	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	4	5	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	1,000	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	12,000	11,000	9,180	NA	NA	NL
Total phosphorus (mg/L)	NS	4	NS	NS	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00906D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	4	ND	6	0	15	50
Barium (Ba)	76	ND	84	ND	260	237	2,000
Cadmium (Cd)	ND	3	5	ND	2	NA	5
Calcium (Ca)	344,000	453,000	291,000	285,000	NA	NA	NL
Iron (Fe)	6,800	13,600	6,910	6,990	1,100	NA	NL
Magnesium (Mg)	690,000	873,000	755,000	711,000	NA	NA	NL
Manganese (Mn)	139	278	172	144	84	776	NL
Potassium (K)	186,000	234,000	201,000	199,000	NA	NA	NL
Sodium (Na)	6,190,000	7,550,000	6,510,000	6,920,000	NA	NA	NL
Thallium (Tl)	ND	ND	56	ND	0	NA	2
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
Chloroform	2	ND	ND	ND	0	NA	100
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	500	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	13,000	15,000	12,700	NA	NA	NL
Nitrite (as N) (mg/L)	NS	0	NS	NS	370	NA	NL
Sulfate (mg/L)	NS	910	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	1	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00907D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	5	ND	ND	3	0	15	50
Barium (Ba)	69	ND	69	ND	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	97,200	131,000	105,000	101,000	NA	NA	NL
Cobalt (Co)	ND	ND	ND	1	220	3	NL
Iron (Fe)	5,540	6,120	4,190	3,940	1,100	NA	NL
Lead (Pb)	5	ND	ND	ND	15	4	15
Magnesium (Mg)	616,000	728,000	746,000	580,000	NA	NA	NL
Manganese (Mn)	755	1,270	822	809	84	776	NL
Potassium (K)	153,000	213,000	200,000	185,000	NA	NA	NL
Sodium (Na)	4,980,000	5,780,000	5,910,000	6,040,000	NA	NA	NL
Thallium (Tl)	ND	ND	17	ND	0	NA	2
Vanadium (V)	5	ND	7	2	26	9	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	2	15,000	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	2,100	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	13,000	10,000	8,970	NA	NA	NL
Sulfide (mg/L)	NS	4	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	4	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00908D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	182	ND	ND	ND	3,700	723	NL
Arsenic (As)	ND	ND	2	ND	0	15	50
Cadmium (Cd)	ND	ND	4	ND	2	NA	5
Calcium (Ca)	92,200	128,000	94,100	97,500	NA	NA	NL
Cyanide (CN)	0	NS	NS	NS	73	NA	200
Iron (Fe)	1,010	780	774	1,130	1,100	NA	NL
Magnesium (Mg)	559,000	710,000	594,000	578,000	NA	NA	NL
Manganese (Mn)	211	321	261	283	84	776	NL
Potassium (K)	170,000	217,000	196,000	294,000	NA	NA	NL
Selenium (Se)	ND	ND	ND	4	18	2	50
Sodium (Na)	5,070,000	6,190,000	5,220,000	8,010,000	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	3	5	NA	NL
Water Quality Related Compounds							
Bicarbonate (as CaCO3) (mg Ca)	NS	1,600	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	9,900	10,000	9,510	NA	NA	NL
Sulfide (mg/L)	NS	2	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	NS	2	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH009121							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	440	ND	ND	3,700	NA	NL
Barium (Ba)	ND	314	448	339	260	323	2,000
Calcium (Ca)	213,000	199,000	219,000	230,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Cobalt (Co)	ND	ND	ND	2	220	NA	NL
Copper (Cu)	6	ND	ND	ND	150	140	1,300
Iron (Fe)	15,100	20,200	16,500	26,800	1,100	NA	NL
Lead (Pb)	ND	4	2	ND	15	5	15
Magnesium (Mg)	73,300	72,400	73,200	80,200	NA	NA	NL
Manganese (Mn)	196	260	207	290	84	3,391	NL
Potassium (K)	46,000	42,200	47,100	49,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	507,000	433,000	505,000	465,000	NA	NA	NL
Thallium (Tl)	6	ND	ND	3	0	8	2
Vanadium (V)	7	ND	ND	ND	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	2	15,000	NA	NL
4-Methylphenol (p-Cresol)	3	ND	ND	ND	18	NA	NL
Phenol	8	ND	ND	ND	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
Benzene	3	ND	ND	ND	0	NA	5
Chlorobenzene	9	ND	ND	3	4	NA	NL
Methylene chloride	ND	ND	ND	5	4	NA	5

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	100	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	780	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	33	NS	NS	NS	100	NA	NL
Total BOD5 (mg/L)	10	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	3,200	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	340	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	32	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	0	NS	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	45	NS	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH00912D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	222	ND	3,700	723	NL
Arsenic (As)	2	ND	75	ND	0	15	50
Barium (Ba)	60	ND	ND	59	260	237	2,000
Cadmium (Cd)	2	ND	2	ND	2	NA	5
Calcium (Ca)	108,000	150,000	283,500	107,000	NA	NA	NL
Cobalt (Co)	3	ND	ND	ND	220	3	NL
Iron (Fe)	7,480	1,990	24,720	774	1,100	NA	NL
Lead (Pb)	2	ND	ND	ND	15	4	15
Magnesium (Mg)	601,000	817,000	380,500	675,000	NA	NA	NL
Manganese (Mn)	719	990	1,158	631	84	776	NL
Potassium (K)	162,000	207,000	117,550	176,000	NA	NA	NL
Sodium (Na)	4,370,000	6,010,000	2,635,000	7,280,000	NA	NA	NL
Vanadium (V)	8	ND	5	ND	26	9	NL
Zinc (Zn)	ND	ND	10	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Di-n-butylphthalate	3	ND	ND	ND	370	NA	NL
Volatile Organic Compounds (μg/L)							
Chlorobenzene	ND	ND	10	ND	4	NA	NL
Methylene chloride	ND	ND	ND	2	4	NA	5

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 9

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	880	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	1,800	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	100	NS	NS	NS	100	NA	NL
Bicarbonate (as CaCO3) (mg Ca)	NS	2,300	NS	NS	NA	NA	NL
Chloride (mg/L)	NS	10,000	10,000	11,000	NA	NA	NL
Sulfide (mg/L)	NS	2	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	18,000	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	3,800	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	49	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	4	4	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	42	NS	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013301							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	755	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	5	2	5	0	28	50
Barium (Ba)	ND	2	3	ND	260	323	2,000
Beryllium (Be)	ND	ND	0	ND	0	0	4
Calcium (Ca)	82,500	97,500	93,200	120,000	NA	NA	NL
Copper (Cu)	ND	ND	4	ND	150	140	1,300
Iron (Fe)	732	1,690	70	2,460	1,100	NA	NL
Magnesium (Mg)	4,370	18,100	5,870	17,200	NA	NA	NL
Manganese (Mn)	48	173	7	213	84	3,391	NL
Potassium (K)	17,300	14,400	7,210	15,200	NA	NA	NL
Sodium (Na)	25,600	80,600	21,700	ND	NA	NA	NL
Vanadium (V)	14	ND	6	1	26	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013302							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	166	912	672	3,700	NA	NL
Arsenic (As)	ND	4	ND	4	0	28	50
Barium (Ba)	ND	13	28	ND	260	323	2,000
Calcium (Ca)	96,600	110,000	61,100	114,000	NA	NA	NL
Chromium (Cr)	ND	ND	4	2	18	18	100
Iron (Fe)	ND	2,290	466	5,390	1,100	NA	NL
Magnesium (Mg)	6,040	26,500	1,600	31,900	NA	NA	NL
Manganese (Mn)	12	273	7	336	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	7,400	31,100	9,850	30,800	NA	NA	NL
Sodium (Na)	12,600	210,000	1,030	276,000	NA	NA	NL
Vanadium (V)	ND	ND	13	4	26	NA	NL
Zinc (Zn)	ND	ND	20	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	35	5	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	28	ND	3,700	NA	NL
Arsenic (As)	12	7	10	16	0	28	50
Barium (Ba)	ND	2	6	ND	260	323	2,000
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	100,000	109,000	112,000	120,000	NA	NA	NL
Copper (Cu)	ND	ND	17	ND	150	140	1,300
Iron (Fe)	3,540	5,780	3,390	9,540	1,100	NA	NL
Magnesium (Mg)	5,740	5,590	5,060	56,200	NA	NA	NL
Manganese (Mn)	286	346	125	376	84	3,391	NL
Nickel (Ni)	ND	ND	28	2	73	NA	100
Potassium (K)	19,400	19,500	22,300	45,700	NA	NA	NL
Sodium (Na)	12,600	14,300	26,700	514,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Vanadium (V)	ND	ND	6	ND	26	NA	NL
Zinc (Zn)	ND	ND	63	ND	1,100	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	12	ND	3,700	NA	NL
Barium (Ba)	ND	10	19	14	260	323	2,000
Calcium (Ca)	148,000	136,000	148,000	139,000	NA	NA	NL
Iron (Fe)	4,120	4,260	3,290	2,440	1,100	NA	NL
Magnesium (Mg)	58,700	66,700	62,100	49,900	NA	NA	NL
Manganese (Mn)	925	780	751	534	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	59,800	63,500	69,200	67,600	NA	NA	NL
Sodium (Na)	318,000	370,000	301,000	216,000	NA	NA	NL
Vanadium (V)	ND	ND	6	ND	26	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013003							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	22	15	ND	3,700	NA	NL
Arsenic (As)	ND	ND	3	ND	0	28	50
Barium (Ba)	ND	ND	5	ND	260	323	2,000
Beryllium (Be)	ND	ND	0	ND	0	0	4
Calcium (Ca)	79,300	41,200	59,600	ND	NA	NA	NL
Copper (Cu)	ND	ND	5	ND	150	140	1,300
Iron (Fe)	1,830	509	887	1,560	1,100	NA	NL
Magnesium (Mg)	3,680	8,320	2,340	ND	NA	NA	NL
Manganese (Mn)	82	51	68	50	84	3,391	NL
Potassium (K)	2,940	7,570	2,540	ND	NA	NA	NL
Sodium (Na)	5,140	76,000	6,840	ND	NA	NA	NL
Vanadium (V)	ND	ND	6	ND	26	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013004							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	4	ND	0	28	50
Barium (Ba)	ND	1	10	ND	260	323	2,000
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	102,000	115,000	93,200	111,000	NA	NA	NL
Iron (Fe)	190	95	3,300	ND	1,100	NA	NL
Magnesium (Mg)	22,900	16,300	17,500	51,100	NA	NA	NL
Manganese (Mn)	106	75	69	71	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	14,500	10,000	12,700	24,700	NA	NA	NL
Sodium (Na)	108,000	68,400	99,300	403,000	NA	NA	NL
Vanadium (V)	ND	ND	8	ND	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	59	5	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013005							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	4	3	0	28	50
Barium (Ba)	ND	5	13	ND	260	323	2,000
Beryllium (Be)	ND	0	ND	ND	0	0	4
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	112,000	116,000	95,900	115,000	NA	NA	NL
Iron (Fe)	713	799	1,800	3,080	1,100	NA	NL
Magnesium (Mg)	78,700	20,300	32,000	19,700	NA	NA	NL
Manganese (Mn)	145	154	136	114	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	51,000	19,300	33,200	18,200	NA	NA	NL
Selenium (Se)	ND	5	ND	ND	18	3	50
Sodium (Na)	304,000	35,100	140,000	ND	NA	NA	NL
Vanadium (V)	ND	ND	4	1	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	1	15,000	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013006							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	24	ND	3,700	NA	NL
Arsenic (As)	ND	ND	3	4	0	28	50
Barium (Ba)	ND	6	34	ND	260	323	2,000
Calcium (Ca)	97,700	99,400	109,000	103,000	NA	NA	NL
Iron (Fe)	188	691	406	1,820	1,100	NA	NL
Magnesium (Mg)	7,490	27,000	10,300	37,700	NA	NA	NL
Manganese (Mn)	63	111	53	144	84	3,391	NL
Potassium (K)	10,000	20,600	12,400	32,700	NA	NA	NL
Selenium (Se)	ND	4	ND	3	18	3	50
Sodium (Na)	11,100	112,000	23,400	238,000	NA	NA	NL
Vanadium (V)	ND	ND	4	2	26	NA	NL
Zinc (Zn)	ND	20	25	ND	1,100	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 13

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH013007							
Inorganic Chemicals (mg/L)							
Barium (Ba)	ND	21	25	ND	260	323	2,000
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	112,000	120,500	122,500	127,000	NA	NA	NL
Cobalt (Co)	ND	4	ND	ND	220	NA	NL
Iron (Fe)	2,310	4,490	3,410	5,235	1,100	NA	NL
Magnesium (Mg)	23,500	26,200	25,050	26,000	NA	NA	NL
Manganese (Mn)	879	862	764	915	84	3,391	NL
Potassium (K)	36,800	32,950	40,100	34,550	NA	NA	NL
Sodium (Na)	52,700	58,550	58,150	ND	NA	NA	NL
Vanadium (V)	ND	ND	4	1	26	NA	NL
Pesticide/PCB Compounds (μg/L)							
4,4'-DDT	0	ND	ND	ND	0	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	2	3	ND	1	220	NA	NL
Butylbenzylphthalate	2	ND	ND	ND	730	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	2	5	NA	NL
Fluorene	ND	4	ND	2	150	NA	NL
2-Methylnaphthalene	ND	3	ND	1	150	NA	NL
Phenanthrene	4	ND	ND	ND	150	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH014001							
Dioxins (pg/L)							
Dioxin Equiv.	5	NS	0	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	15,500	865	467	3,700	NA	NL
Arsenic (As)	1	ND	4	ND	0	28	50
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	NS	252,000	320,000	214,000	NA	NA	NL
Chromium (Cr)	ND	44	ND	2	18	18	100
Iron (Fe)	NS	38,400	4,620	2,900	1,100	NA	NL
Lead (Pb)	3	20	2	ND	15	5	15
Magnesium (Mg)	NS	119,000	126,000	382,000	NA	NA	NL
Manganese (Mn)	NS	2,350	2,680	1,250	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	NS	48,400	50,400	223,000	NA	NA	NL
Sodium (Na)	NS	725,000	445,000	4,250,000	NA	NA	NL
Vanadium (V)	ND	65	ND	3	26	NA	NL
Zinc (Zn)	ND	83	ND	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	2	NS	ND	ND	5	NA	NL
Volatile Organic Compounds (μg/L)							
Carbon disulfide	ND	ND	13	ND	100	NA	NL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	130	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	1,300	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	12	NS	NS	NS	100	NA	NL
DCAA (mg/L)	NS	84	ND	ND	NA	NA	NL
Total BOD5 (mg/L)	5	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	7,800	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca)	2,200	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	34	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	2	NS	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	120	NS	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH014002							
Dioxins (pg/L)							
Dioxin Equiv.	10	NS	NS	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	3,100	66	5,470	3,700	NA	NL
Arsenic (As)	1	ND	5	ND	0	28	50
Barium (Ba)	ND	ND	45	ND	260	323	2,000
Calcium (Ca)	NS	235,000	309,500	224,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	14	18	18	100
Cobalt (Co)	ND	ND	ND	2	220	NA	NL
Copper (Cu)	ND	ND	ND	6	150	140	1,300
Iron (Fe)	NS	14,100	7,090	11,200	1,100	NA	NL
Lead (Pb)	1	ND	ND	3	15	5	15
Magnesium (Mg)	NS	131,000	142,500	246,000	NA	NA	NL
Manganese (Mn)	NS	2,040	2,240	1,320	84	3,391	NL
Nickel (Ni)	ND	ND	ND	4	73	NA	100
Potassium (K)	NS	46,700	56,100	73,100	NA	NA	NL
Silver (Ag)	ND	ND	3	ND	18	NA	NL
Sodium (Na)	NS	450,000	450,000	1,720,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	5	0	8	200
Vanadium (V)	ND	ND	ND	17	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	12	NS	ND	ND	5	NA	NL
4-Methylphenol (p-Cresol)	ND	NS	7	5	18	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	ND	5	370	NA	NL
Carbon disulfide	ND	ND	ND	1	100	NA	NL
1,2-Dichloroethene (total)	NS	ND	ND	13	6	NA	70
1,1-Dichloroethene	ND	ND	ND	1	0	NA	7
Ethylbenzene	ND	ND	ND	2	130	NA	700
Methylene chloride	ND	ND	ND	10	4	NA	5
Trichloroethene	ND	ND	ND	4	2	NA	5
Xylene (Total)	ND	ND	ND	14	1,200	NA	10,000

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
DCAA (mg/L)	NS	103	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH014003							
Dioxins (pg/L)							
Dioxin Equiv	1	NS	NS	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	462	70	718	3,700	NA	NL
Arsenic (As)	8	ND	6	ND	0	28	50
Barium (Ba)	166	44	72	87	260	323	2,000
Calcium (Ca)	NS	238,000	227,000	213,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	18	100
Iron (Fe)	NS	22,900	19,500	22,300	1,100	NA	NL
Lead (Pb)	1	ND	ND	ND	15	5	15
Magnesium (Mg)	NS	190,000	190,000	220,000	NA	NA	NL
Manganese (Mn)	NS	896	760	782	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	NS	66,000	82,300	111,000	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	3	50
Sodium (Na)	NS	1,090,000	1,230,000	1,650,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2
Vanadium (V)	ND	ND	ND	0	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	5	NS	ND	2	5	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	82	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH014004							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	NS	ND	24	522	3,700	NA	NL
Arsenic (As)	4	ND	ND	ND	0	28	50
Barium (Ba)	84	56	98	41	260	323	2,000
Calcium (Ca)	NS	74,600	102,000	55,200	NA	NA	NL
Chromium (Cr)	ND	ND	ND	3	18	18	100
Iron (Fe)	NS	2,130	8,400	4,550	1,100	NA	NL
Lead (Pb)	4	ND	ND	ND	15	5	15
Magnesium (Mg)	NS	122,000	85,900	19,000	NA	NA	NL
Manganese (Mn)	NS	77	93	40	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	NS	38,000	34,300	12,400	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Silver (Ag)	ND	ND	2	ND	18	NA	NL
Sodium (Na)	NS	1,100,000	744,000	177,000	NA	NA	NL
Vanadium (V)	ND	ND	ND	1	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Butylbenzylphthalate	ND	NS	3	ND	730	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	6	NS	ND	ND	5	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	85	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH014005							
Dioxins (pg/L)							
Dioxin Equiv	0	NS	NS	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	7	ND	9	ND	0	28	50
Barium (Ba)	ND	ND	35	31	260	323	2,000
Beryllium (Be)	ND	ND	ND	2	0	0	4
Calcium (Ca)	NS	117,000	130,000	118,500	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Cobalt (Co)	ND	ND	2	ND	220	NA	NL
Iron (Fe)	NS	5,390	5,600	5,300	1,100	NA	NL
Lead (Pb)	5	ND	ND	ND	15	5	15
Magnesium (Mg)	NS	156,000	150,000	140,000	NA	NA	NL
Manganese (Mn)	NS	513	510	483	84	3,391	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	NS	59,900	69,000	79,350	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	NS	1,270,000	1,170,000	1,095,000	NA	NA	NL
Vanadium (V)	ND	ND	6	3	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Butylbenzylphthalate	ND	NS	ND	6	730	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	2	NS	ND	220	5	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	92	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH01401D							
Dioxins (pg/L)							
Dioxin Equiv.	1	NS	1	3	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	2	ND	ND	ND	0	15	50
Barium (Ba)	89	108	120	107	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	NS	203,000	206,000	146,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	NA	100
Cobalt (Co)	ND	ND	2	ND	220	3	NL
Lead (Pb)	2	ND	ND	ND	15	4	15
Magnesium (Mg)	NS	1,010,000	971,000	606,000	NA	NA	NL
Manganese (Mn)	NS	101	70	43	84	776	NL
Potassium (K)	NS	284,000	332,000	365,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Sodium (Na)	NS	7,800,000	7,410,000	9,500,000	NA	NA	NL
Thallium (Tl)	ND	ND	22	ND	0	NA	2
Vanadium (V)	ND	ND	5	2	26	9	NL
Semi-volatile Organic Compounds (µg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	2	NS	ND	ND	5	NA	NL
Volatile Organic Compounds (µg/L)							
Carbon disulfide	ND	ND	21	ND	100	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	84	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH01402D							
Dioxins (pg/L)							
Dioxin Equiv	2	NS	ND	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	2	ND	ND	ND	0	15	50
Barium (Ba)	268	246	256	244	260	237	2,000
Cadmium (Cd)	ND	2	4	ND	2	NA	5
Calcium (Ca)	NS	169,000	177,000	133,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	NA	100
Magnesium (Mg)	NS	971,000	934,000	597,000	NA	NA	NL
Manganese (Mn)	NS	49	50	20	84	776	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	NS	239,000	280,000	312,000	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	2	50
Sodium (Na)	NS	7,960,000	7,370,000	8,940,000	NA	NA	NL
Thallium (Tl)	1	ND	16	ND	0	NA	2
Vanadium (V)	ND	ND	5	1	26	9	NL
Pesticide/PCB Compounds (µg/L)							
Isodrin	11	NS	NS	NS	NA	NA	NL
Petroleum Hydrocarbons (µg/L)							
MCPP	NS	ND	310	ND	4	NA	NL
Volatile Organic Compounds (µg/L)							
Carbon disulfide	1	ND	260	2	100	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	630	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	1,900	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	42	NS	NS	NS	100	NA	NL
DCAA (mg/L)	NS	93	ND	ND	NA	NA	NL
Total BOD5 (mg/L)	40	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	24,000	NS	NS	NS	NA	NA	NL
Total Hardness (amg Ca)	4,500	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	30	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	3	NS	NS	NS	NA	NA	NL
Total Suspended Solids (TSS) (mg/L)	31	NS	NS	NS	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH01403D							
Dioxins (pg/L)							
Dioxin Equiv	0	NS	NS	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	10	6	ND	ND	0	15	50
Barium (Ba)	ND	68	71	57	260	237	2,000
Cadmium (Cd)	3	3	8	ND	2	NA	5
Calcium (Ca)	NS	189,500	203,000	126,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	NA	100
Iron (Fe)	NS	191	ND	ND	1,100	NA	NL
Magnesium (Mg)	NS	1,195,000	1,250,000	1,020,000	NA	NA	NL
Manganese (Mn)	NS	10	16	ND	84	776	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	NS	276,500	340,000	401,000	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	2	50
Sodium (Na)	NS	8,025,000	8,930,000	9,720,000	NA	NA	NL
Thallium (Tl)	ND	ND	18	ND	0	NA	2
Vanadium (V)	ND	ND	8	2	26	9	NL
Pesticide/PCB Compounds (µg/L)							
Heptachlor epoxide	3	ND	ND	ND	0	NA	0
Isodrin	8	NS	NS	NS	NA	NA	NL
Parathion	1	NS	NS	NS	22	NA	NL
2,4,5-T	ND	2	ND	ND	37	NA	NL
Semi-volatile Organic Compounds (µg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	8	NS	ND	ND	5	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	ND	ND	ND	10	370	NA	NL
Carbon disulfide	1	3	300	ND	100	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	117	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH01404D							
Dioxins (pg/L)							
Dioxin Equiv	0	NS	NS	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	4	ND	ND	ND	0	15	50
Barium (Ba)	121	62	99	49	260	237	2,000
Cadmium (Cd)	ND	2	5	ND	2	NA	5
Calcium (Ca)	NS	221,000	225,000	164,000	NA	NA	NL
Chromium (Cr)	ND	ND	5	2	18	NA	100
Iron (Fe)	NS	ND	68	ND	1,100	NA	NL
Lead (Pb)	1	ND	ND	ND	15	4	15
Magnesium (Mg)	NS	1,070,000	1,740,000	970,000	NA	NA	NL
Manganese (Mn)	NS	20	52	ND	84	776	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	NS	257,000	319,000	416,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Sodium (Na)	NS	7,940,000	7,900,000	9,870,000	NA	NA	NL
Thallium (Tl)	ND	ND	22	ND	0	NA	2
Vanadium (V)	ND	ND	7	2	26	9	NL
Zinc (Zn)	ND	ND	31	ND	1,100	NA	NL
Pesticide/PCB Compounds (μg/L)							
2,4-D	2	ND	ND	ND	6	NA	NL
2,4,5-T	0	ND	ND	ND	37	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	NS	740	ND	5	NA	NL
Volatile Organic Compounds (μg/L)							
Carbon disulfide	4	ND	110	2	100	NA	NL
Chloroform	2	ND	ND	ND	0	NA	100
Water Quality Related Compounds							
DCAA (mg/L)	NS	94	ND	ND	NA	NA	NL

Note:
NA = Not applicable
ND = Not detected at or above the method detection limit
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 14

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH01405D							
Dioxins (pg/L)							
Dioxin Equiv	2	NS	ND	ND	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	1	ND	ND	ND	0	15	50
Barium (Ba)	132	105	133	109	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	NS	169,000	185,000	124,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	NA	100
Iron (Fe)	NS	408	ND	ND	1,100	NA	NL
Lead (Pb)	8	ND	ND	ND	15	4	15
Magnesium (Mg)	NS	869,000	977,000	555,000	NA	NA	NL
Manganese (Mn)	NS	109	71	30	84	776	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	NS	222,000	292,000	395,000	NA	NA	NL
Sodium (Na)	NS	6,740,000	7,310,000	8,140,000	NA	NA	NL
Thallium (Tl)	1	ND	29	5	0	NA	2
Vanadium (V)	ND	ND	10	3	26	9	NL
Pesticide/PCB Compounds (µg/L)							
2,4,5-TP (Silvex)	1	ND	ND	ND	29	NA	50
Semi-volatile Organic Compounds (µg/L)							
Benzoic acid	NS	NS	ND	1	15,000	NA	NL
Volatile Organic Compounds (µg/L)							
Carbon disulfide	2	ND	110	4	100	NA	NL
Water Quality Related Compounds							
DCAA (mg/L)	NS	90	ND	ND	NA	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH017001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	34	ND	ND	3,700	NA	NL
Arsenic (As)	ND	ND	6	17	0	28	50
Barium (Ba)	ND	3	8	ND	260	323	2,000
Beryllium (Be)	ND	ND	0	ND	0	0	4
Calcium (Ca)	136,000	112,000	130,000	119,000	NA	NA	NL
Chromium (Cr)	ND	40	5	1	18	18	100
Cyanide, Total (9012)	NS	NS	2,000	NS	NA	NA	NL
Iron (Fe)	3,680	3,860	2,500	2,250	1,100	NA	NL
Magnesium (Mg)	10,100	13,500	9,760	9,440	NA	NA	NL
Manganese (Mn)	630	670	636	544	84	3,391	NL
Potassium (K)	8,490	9,690	10,200	8,640	NA	NA	NL
Sodium (Na)	10,900	23,200	10,500	ND	NA	NA	NL
Vanadium (V)	ND	ND	6	6	26	NA	NL
Zinc (Zn)	ND	ND	4	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
2-Methylnaphthalene	4	ND	ND	ND	150	NA	NL
Naphthalene	6	ND	ND	ND	150	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH017002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	27	ND	3,700	NA	NL
Arsenic (As)	ND	3	4	ND	0	28	50
Barium (Ba)	15	19	24	ND	260	323	2,000
Cadmium (Cd)	ND	ND	2	ND	2	2	5
Calcium (Ca)	81,700	53,900	54,300	57,900	NA	NA	NL
Cyanide, Total (9012)	NS	NS	4,500	NS	NA	NA	NL
Iron (Fe)	7,320	2,890	3,560	2,370	1,100	NA	NL
Magnesium (Mg)	46,300	45,700	43,600	58,000	NA	NA	NL
Manganese (Mn)	526	142	204	141	84	3,391	NL
Potassium (K)	34,300	13,350	34,600	34,900	NA	NA	NL
Sodium (Na)	306,000	292,000	315,000	468,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Pesticide/PCB Compounds (μg/L)							
Aroclor-1260	ND	NS	520	ND	0	NA	1
Heptachlor	ND	NS	NS	0	0	NA	0
Petroleum Hydrocarbons (μg/L)							
Gasoline	NS	NS	2,400	NS	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
1,4-Dichlorobenzene	1,100	830	1,300	780	0	NA	75
1,3-Dichlorobenzene	750	550	800	380	54	NA	600
1,2-Dichlorobenzene	110	55	100	33	27	NA	600
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	140	ND	5	NA	NL
2,4,5-Trichlorophenol	ND	19	ND	ND	370	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Volatile Organic Compounds (µg/L)							
Acetone	ND	ND	750	ND	370	NA	NL
Benzene	ND	ND	ND	54	0	NA	5
Chlorobenzene	ND	4,750	3,900	3,600	4	NA	NL
Methylene chloride	ND	520	240	ND	4	NA	5
1,2,4-Trichlorobenzene	1,000	520	1,400	540	19	NA	70
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	73	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	650	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	6	NS	NS	NS	100	NA	NL
Total Dissolved Solids (TDS) (mg/l0	1,200	NS	NS	NS	NA	NA	NL
Total Hardness (mg Ca0	350	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	16	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	1	NS	NS	NS	NA	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH017003							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	36	ND	72	ND	3,700	NA	NL
Arsenic (As)	ND	ND	3	8	0	28	50
Barium (Ba)	6	16	31	ND	260	323	2,000
Calcium (Ca)	179,000	134,000	216,000	161,000	NA	NA	NL
Cobalt (Co)	ND	ND	2	ND	220	NA	NL
Copper (Cu)	3	ND	ND	ND	150	140	1,300
Iron (Fe)	987	1,600	1,480	5,230	1,100	NA	NL
Magnesium (Mg)	13,400	21,100	14,200	26,700	NA	NA	NL
Manganese (Mn)	86	86	81	139	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	11,100	15,100	12,500	18,100	NA	NA	NL
Selenium (Se)	ND	4	ND	ND	18	3	50
Sodium (Na)	80,100	116,000	82,200	147,000	NA	NA	NL
Vanadium (V)	ND	ND	7	10	26	NA	NL
Zinc (Zn)	ND	25	ND	ND	1,100	NA	NL
Petroleum Hydrocarbons (μg/L)							
Gasoline	NS	NS	NS	10	NA	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	3	15,000	NA	NL
Volatile Organic Compounds (μg/L)							
Benzene	ND	ND	ND	16	0	NA	5
Chlorobenzene	ND	4	5	69	4	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH017004							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	60	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	5	3	5	0	28	50
Barium (Ba)	11	17	59	ND	260	323	2,000
Calcium (Ca)	118,000	109,000	145,000	143,000	NA	NA	NL
Cobalt (Co)	ND	3	ND	ND	220	NA	NL
Copper (Cu)	ND	ND	5	ND	150	140	1,300
Iron (Fe)	2,790	2,790	2,540	3,770	1,100	NA	NL
Magnesium (Mg)	24,200	41,400	18,600	32,100	NA	NA	NL
Manganese (Mn)	424	896	410	569	84	3,391	NL
Potassium (K)	13,200	17,200	9,190	13,700	NA	NA	NL
Sodium (Na)	81,000	167,000	73,100	148,000	NA	NA	NL
Vanadium (V)	ND	3	ND	1	26	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Di-n-octyl phthalate	ND	ND	3	ND	73	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	180	ND	370	NA	NL
Methylene chloride	ND	ND	16	ND	4	NA	5
Toluene	ND	ND	26	ND	75	NA	1,000

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 17

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH017005							
Inorganic Chemicals (mg/L)							
Arsenic (As)	NS	ND	2	ND	0	28	50
Barium (Ba)	NS	ND	38	ND	260	323	2,000
Calcium (Ca)	NS	152,000	114,000	122,000	NA	NA	NL
Iron (Fe)	NS	1,090	1,930	6,020	1,100	NA	NL
Magnesium (Mg)	NS	156,000	146,000	147,000	NA	NA	NL
Manganese (Mn)	NS	227	298	280	84	3,391	NL
Potassium (K)	NS	63,800	77,300	90,100	NA	NA	NL
Sodium (Na)	NS	1,340,000	1,440,000	1,380,000	NA	NA	NL
Vanadium (V)	NS	ND	4	ND	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Benzidine	NS	56	ND	NS	0	NA	NL
Benzoic acid	NS	ND	ND	1	15,000	NA	NL
Di-n-butylphthalate	NS	3	ND	ND	370	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	NS	3	ND	ND	5	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	NS	18	360	ND	370	NA	NL
Chlorobenzene	NS	3	ND	ND	4	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	NS	1,900	NS	NA	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 178

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH178001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	679	980	3,700	NA	NL
Arsenic (As)	ND	ND	4	5	0	28	50
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	267,000	66,900	72,800	59,800	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	18	100
Iron (Fe)	365	989	1,720	874	1,100	NA	NL
Magnesium (Mg)	65,700	106,000	87,500	91,700	NA	NA	NL
Manganese (Mn)	158	13	ND	15	84	3,391	NL
Potassium (K)	33,800	64,550	56,300	57,100	NA	NA	NL
Sodium (Na)	259,000	841,500	657,000	709,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	530	290	ND	5	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 178

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH178002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	16	140	ND	ND	3,700	NA	NL
Arsenic (As)	ND	5	5	5	0	28	50
Barium (Ba)	3	5	ND	ND	260	323	2,000
Calcium (Ca)	37,100	33,450	33,000	37,300	NA	NA	NL
Chromium (Cr)	ND	3	ND	ND	18	18	100
Iron (Fe)	301	352	624	635	1,100	NA	NL
Magnesium (Mg)	31,400	30,750	27,700	29,400	NA	NA	NL
Manganese (Mn)	13	20	ND	15	84	3,391	NL
Nickel (Ni)	ND	7	ND	ND	73	NA	100
Potassium (K)	20,700	18,950	20,400	17,200	NA	NA	NL
Sodium (Na)	113,000	110,500	94,000	ND	NA	NA	NL
Vanadium (V)	ND	5	ND	ND	26	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 653

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH653001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	189	ND	ND	3,700	NA	NL
Arsenic (As)	ND	37	54	45	0	28	50
Calcium (Ca)	108,000	94,200	100,000	107,000	NA	NA	NL
Iron (Fe)	9,280	10,550	11,500	14,500	1,100	NA	NL
Magnesium (Mg)	86,200	66,850	64,300	65,000	NA	NA	NL
Manganese (Mn)	672	680	719	779	84	3,391	NL
Potassium (K)	58,200	37,850	45,600	36,100	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	598,000	476,500	501,000	453,000	NA	NA	NL
Thallium (Tl)	1	ND	ND	3	0	8	2
Pesticide/PCB Compounds (μg/L)							
4,4'-DDT	0	ND	ND	ND	0	NA	NL
Semi-volatile Organic Compounds (μg/L)							
bis(2-Ethylhexyl)phthalate (BEHP)	ND	3	ND	ND	5	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 653

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH653002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	248	ND	ND	3,700	NA	NL
Arsenic (As)	ND	ND	23	10	0	28	50
Calcium (Ca)	44,300	56,700	57,300	77,500	NA	NA	NL
Iron (Fe)	6,230	9,510	8,120	8,850	1,100	NA	NL
Magnesium (Mg)	59,900	60,600	48,900	68,100	NA	NA	NL
Manganese (Mn)	91	128	109	154	84	3,391	NL
Potassium (K)	52,300	44,300	42,000	44,700	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	707,000	539,000	370,000	524,000	NA	NA	NL
Vanadium (V)	5	ND	ND	ND	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Benzoic acid	ND	ND	ND	1	15,000	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 655

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH655001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	1,040	27	ND	ND	3,700	NA	NL
Arsenic (As)	ND	ND	7	3	0	28	50
Barium (Ba)	68	77	ND	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	1	0	0	4
Calcium (Ca)	196,000	217,000	66,600	143,000	NA	NA	NL
Chromium (Cr)	ND	4	ND	1	18	18	100
Iron (Fe)	22,600	35,200	875	223	1,100	NA	NL
Magnesium (Mg)	541,000	649,000	122,000	424,000	NA	NA	NL
Manganese (Mn)	578	689	197	257	84	3,391	NL
Potassium (K)	161,000	16,900	51,200	130,000	NA	NA	NL
Sodium (Na)	3,940,000	4,570,000	1,090,000	3,630,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Vanadium (V)	ND	10	ND	62	26	NA	NL
Pesticide/PCB Compounds (µg/L)							
Heptachlor	ND	ND	ND	0	0	NA	0

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 655

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH655002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	1,750	352	743	262	3,700	NA	NL
Arsenic (As)	23	11	16	13	0	28	50
Barium (Ba)	55	47	40	ND	260	323	2,000
Calcium (Ca)	153,000	161,500	109,000	89,600	NA	NA	NL
Iron (Fe)	17,600	16,750	12,800	9,370	1,100	NA	NL
Magnesium (Mg)	255,000	315,500	190,000	93,300	NA	NA	NL
Manganese (Mn)	298	346	206	165	84	3,391	NL
Potassium (K)	76,300	90,350	67,000	38,200	NA	NA	NL
Sodium (Na)	2,140,000	2,830,000	2,000,000	1,040,000	NA	NA	NL
Vanadium (V)	10	4	5	3	26	NA	NL
Pesticide/PCB Compounds (μg/L)							
alpha-Chlordane	0	0	0	ND	0	NA	2
gamma-Chlordane	0	0	0	ND	0	NA	2

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 655

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH655003							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	2,210	22	ND	3,700	NA	NL
Arsenic (As)	42	28	41	33	0	28	50
Barium (Ba)	255	211	255	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	179,000	166,000	126,000	157,500	NA	NA	NL
Chromium (Cr)	ND	4	ND	1	18	18	100
Iron (Fe)	45,400	39,300	31,550	21,950	1,100	NA	NL
Magnesium (Mg)	175,000	122,000	106,000	73,800	NA	NA	NL
Manganese (Mn)	437	416	321	352	84	3,391	NL
Potassium (K)	52,200	39,000	40,100	28,850	NA	NA	NL
Silver (Ag)	ND	ND	3	ND	18	NA	NL
Sodium (Na)	1,780,000	1,240,000	1,310,000	800,000	NA	NA	NL
Vanadium (V)	ND	10	6	ND	26	NA	NL
Zinc (Zn)	ND	8	18	ND	1,100	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Benzoic acid	ND	ND	ND	1	15,000	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	ND	2	5	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 656

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH656001							
Dioxins (pg/L)							
Dioxin Equiv	7	NS	0	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Aluminum (Al)	672	206	653	ND	3,700	NA	NL
Arsenic (As)	18	3	11	17	0	28	50
Barium (Ba)	ND	9	18	ND	260	323	2,000
Calcium (Ca)	80,800	68,550	81,600	ND	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Iron (Fe)	7,600	5,720	8,280	8,970	1,100	NA	NL
Magnesium (Mg)	58,100	53,800	55,900	53,200	NA	NA	NL
Manganese (Mn)	153	128	156	169	84	3,391	NL
Nickel (Ni)	ND	28	ND	4	73	NA	100
Potassium (K)	35,700	31,250	39,200	33,800	NA	NA	NL
Selenium (Se)	ND	ND	2	ND	18	3	50
Sodium (Na)	479,000	418,500	341,000	394,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Vanadium (V)	ND	3	4	ND	26	NA	NL
Zinc (Zn)	ND	19	5	ND	1,100	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	130	ND	370	NA	NL
Chloroform	ND	ND	ND	28	0	NA	100

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 656

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH656002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	34	46	ND	3,700	NA	NL
Arsenic (As)	ND	ND	5	ND	0	28	50
Barium (Ba)	8	13	19	ND	260	323	2,000
Calcium (Ca)	75,700	89,600	87,600	108,000	NA	NA	NL
Iron (Fe)	3,650	4,360	4,290	6,710	1,100	NA	NL
Magnesium (Mg)	58,600	72,900	66,000	76,800	NA	NA	NL
Manganese (Mn)	174	262	305	653	84	3,391	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Nickel (Ni)	ND	ND	ND	3	73	NA	100
Potassium (K)	39,900	37,000	44,900	45,100	NA	NA	NL
Sodium (Na)	516,000	554,000	510,000	512,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	5	0	8	2
Vanadium (V)	ND	3	ND	ND	26	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	ND	ND	35	ND	370	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 656

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH656003							
Inorganic Chemicals (mg/L)							
Barium (Ba)	55	83	85	ND	260	323	2,000
Cadmium (Cd)	ND	ND	3	ND	2	2	5
Calcium (Ca)	257,000	298,000	261,000	247,000	NA	NA	NL
Chromium (Cr)	ND	2	5	8	18	18	100
Cobalt (Co)	ND	ND	2	1	220	NA	NL
Iron (Fe)	17,900	23,100	20,900	9,750	1,100	NA	NL
Magnesium (Mg)	717,000	894,000	851,000	977,000	NA	NA	NL
Manganese (Mn)	454	835	659	609	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	172,000	222,000	231,000	232,000	NA	NA	NL
Sodium (Na)	5,330,000	6,230,000	6,050,000	8,700,000	NA	NA	NL
Thallium (Tl)	ND	4	23	3	0	8	2
Vanadium (V)	5	12	12	20	26	NA	NL
Volatile Organic Compounds (µg/L)							
1,1-Dichloroethane	ND	ND	ND	3	81	NA	NL
1,2-Dichloroethene (total)	ND	ND	ND	13	6	NA	70
Ethylbenzene	ND	ND	ND	2	130	NA	700
Methylene chloride	ND	ND	ND	10	4	NA	5
Xylene (Total)	ND	ND	ND	13	1,200	NA	10,000

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 660

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH660001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	18	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	ND	4	4	0	28	50
Barium (Ba)	2	5	ND	ND	260	323	2,000
Calcium (Ca)	60,900	55,700	55,400	96,300	NA	NA	NL
Iron (Fe)	625	556	615	593	1,100	NA	NL
Magnesium (Mg)	31,300	28,600	32,200	59,500	NA	NA	NL
Manganese (Mn)	50	62	54	58	84	3,391	NL
Potassium (K)	22,600	19,300	21,800	29,800	NA	NA	NL
Silver (Ag)	4	ND	ND	ND	18	NA	NL
Sodium (Na)	91,500	66,500	120,000	298,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Vanadium (V)	ND	3	ND	ND	26	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 660

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH660002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	26	1,940	ND	ND	3,700	NA	NL
Arsenic (As)	ND	13	6	7	0	28	50
Barium (Ba)	8	18	ND	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	122,000	134,000	119,000	123,000	NA	NA	NL
Chromium (Cr)	ND	3	ND	ND	18	18	100
Iron (Fe)	1,800	5,695	2,090	1,730	1,100	NA	NL
Magnesium (Mg)	23,900	23,800	23,600	21,800	NA	NA	NL
Manganese (Mn)	74	109	78	80	84	3,391	NL
Potassium (K)	21,200	18,250	21,300	17,100	NA	NA	NL
Sodium (Na)	51,300	44,950	85,300	ND	NA	NA	NL
Vanadium (V)	ND	8	ND	ND	26	NA	NL
Zinc (Zn)	ND	9	ND	ND	1,100	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 662

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH662001							
Inorganic Chemicals (mg/L)							
Barium (Ba)	7	11	ND	ND	260	323	2,000
Calcium (Ca)	160,000	123,000	152,000	120,000	NA	NA	NL
Iron (Fe)	2,770	1,980	2,010	2,340	1,100	NA	NL
Lead (Pb)	1	ND	ND	ND	15	5	15
Magnesium (Mg)	66,600	94,000	36,000	74,700	NA	NA	NL
Manganese (Mn)	434	629	353	445	84	3,391	NL
Potassium (K)	30,700	41,100	15,900	31,800	NA	NA	NL
Sodium (Na)	374,000	686,000	116,000	459,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Vanadium (V)	ND	3	ND	ND	26	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 662

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH662002							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	4	3	0	28	50
Barium (Ba)	30	25	ND	ND	260	323	2,000
Calcium (Ca)	137,000	110,000	115,000	143,000	NA	NA	NL
Iron (Fe)	798	1,560	2,530	3,100	1,100	NA	NL
Magnesium (Mg)	45,600	36,100	28,800	95,100	NA	NA	NL
Manganese (Mn)	402	379	408	399	84	3,391	NL
Potassium (K)	21,800	17,300	15,300	40,500	NA	NA	NL
Sodium (Na)	301,000	237,000	179,000	753,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
SWMU 136

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH136001							
Dioxins (pg/L)							
Dioxin Equiv.	NS	NS	NS	0	0	NA	NL
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	12	8	10	0	28	50
Barium (Ba)	4	6	ND	ND	260	323	2,000
Calcium (Ca)	79,700	75,350	53,200	74,000	NA	NA	NL
Iron (Fe)	2,370	3,160	1,470	3,060	1,100	NA	NL
Magnesium (Mg)	63,100	61,550	52,500	49,800	NA	NA	NL
Manganese (Mn)	149	167	112	207	84	3,391	NL
Potassium (K)	41,400	37,750	40,300	32,600	NA	NA	NL
Sodium (Na)	577,000	517,000	549,000	ND	NA	NA	NL

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 663

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH663002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	984	1,700	2,610	2,280	3,700	NA	NL
Arsenic (As)	ND	ND	6	ND	0	28	50
Barium (Ba)	22	19	27	23	260	323	2,000
Calcium (Ca)	51,700	42,800	57,900	52,400	NA	NA	NL
Chromium (Cr)	ND	ND	4	3	18	18	100
Iron (Fe)	1,530	2,970	3,190	4,930	1,100	NA	NL
Magnesium (Mg)	9,270	11,400	8,990	16,300	NA	NA	NL
Manganese (Mn)	29	42	46	70	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	13,000	11,700	11,900	15,100	NA	NA	NL
Sodium (Na)	144,000	131,000	102,000	191,000	NA	NA	NL
Vanadium (V)	ND	7	11	6	26	NA	NL
Zinc (Zn)	ND	ND	4	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Butylbenzylphthalate	ND	ND	ND	1	730	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	ND	180	59	5	NA	NL
Phenol	ND	7	ND	ND	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	ND	25	ND	370	NA	NL
Benzene	ND	160	13	3	0	NA	5
Ethylbenzene	ND	19	ND	ND	130	NA	700
Toluene	ND	37	ND	ND	75	NA	1,000
Xylene (Total)	ND	26	ND	ND	1,200	NA	10,000

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 666

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH666001							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	3	6	0	28	50
Barium (Ba)	54	40	ND	ND	260	323	2,000
Calcium (Ca)	111,000	83,200	69,200	88,200	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Iron (Fe)	1,600	1,100	1,540	410	1,100	NA	NL
Magnesium (Mg)	95,700	91,900	76,000	177,000	NA	NA	NL
Manganese (Mn)	102	78	63	54	84	3,391	NL
Potassium (K)	47,500	42,800	44,800	99,800	NA	NA	NL
Sodium (Na)	1,010,000	1,120,000	927,000	2,270,000	NA	NA	NL
Vanadium (V)	5	8	ND	7	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	ND	ND	ND	2	220	NA	NL
Volatile Organic Compounds (µg/L)							
Benzene	ND	ND	ND	1	0	NA	5
Chloromethane	6	ND	ND	ND	1	NA	NL
Vinyl chloride	2	ND	ND	ND	0	NA	2

Note:
ND = Not detected at or above the method detection limit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 666

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH666001							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	3	6	0	28	50
Barium (Ba)	54	40	ND	ND	260	323	2,000
Calcium (Ca)	111,000	83,200	69,200	88,200	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	18	100
Iron (Fe)	1,600	1,100	1,540	410	1,100	NA	NL
Magnesium (Mg)	95,700	91,900	76,000	177,000	NA	NA	NL
Manganese (Mn)	102	78	63	54	84	3,391	NL
Potassium (K)	47,500	42,800	44,800	99,800	NA	NA	NL
Sodium (Na)	1,010,000	1,120,000	927,000	2,270,000	NA	NA	NL
Vanadium (V)	5	8	ND	7	26	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	ND	ND	ND	2	220	NA	NL
Volatile Organic Compounds (µg/L)							
Benzene	ND	ND	ND	1	0	NA	5
Chloromethane	6	ND	ND	ND	1	NA	NL
Vinyl chloride	2	ND	ND	ND	0	NA	2

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 666

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH666002							
Inorganic Chemicals (mg/L)							
Barium (Ba)	ND	4	ND	ND	260	323	2,000
Calcium (Ca)	87,900	69,550	53,900	65,800	NA	NA	NL
Iron (Fe)	259	122	232	573	1,100	NA	NL
Magnesium (Mg)	33,700	33,650	17,700	27,000	NA	NA	NL
Manganese (Mn)	43	30	ND	28	84	3,391	NL
Nickel (Ni)	ND	22	ND	ND	73	NA	100
Potassium (K)	17,600	15,550	12,200	15,000	NA	NA	NL
Sodium (Na)	88,900	83,150	56,900	ND	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2
Vanadium (V)	7	5	ND	ND	26	NA	NL
Zinc (Zn)	ND	10	ND	ND	1,100	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Acenaphthene	14	9	13	6	220	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 667

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH667001							
Inorganic Chemicals (mg/L)							
Barium (Ba)	13	18	ND	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	113,000	81,900	85,200	82,450	NA	NA	NL
Iron (Fe)	86	39	90	34	1,100	NA	NL
Magnesium (Mg)	90,600	121,000	50,650	90,650	NA	NA	NL
Manganese (Mn)	37	69	17	44	84	3,391	NL
Potassium (K)	41,600	25,300	25,850	43,550	NA	NA	NL
Sodium (Na)	584,000	1,220,000	234,500	747,000	NA	NA	NL
Vanadium (V)	ND	3	ND	2	26	NA	NL
Volatile Organic Compounds (μg/L)							
Carbon disulfide	ND	ND	79	ND	100	NA	NL
1,1-Dichloroethane	3	ND	3	ND	81	NA	NL
1,2-Dichloroethene (total)	ND	ND	ND	5	6	NA	70

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
AOC 667

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCH667002							
Inorganic Chemicals (mg/L)							
Barium (Ba)	61	48	ND	ND	260	323	2,000
Beryllium (Be)	ND	ND	ND	0	0	0	4
Calcium (Ca)	154,000	114,000	130,000	127,000	NA	NA	NL
Iron (Fe)	361	853	943	177	1,100	NA	NL
Magnesium (Mg)	144,000	232,000	108,000	185,000	NA	NA	NL
Manganese (Mn)	58	155	73	70	84	3,391	NL
Potassium (K)	66,100	91,800	56,700	99,900	NA	NA	NL
Sodium (Na)	1,500,000	2,580,000	1,180,000	2,150,000	NA	NA	NL
Vanadium (V)	ND	5	ND	1	26	NA	NL
Volatile Organic Compounds (µg/L)							
Chloroethane	150	74	650	260	860	NA	NL
1,1-Dichloroethane	17	9	18	8	81	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH001							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	ND	187	3,700	NA	NL
Arsenic (As)	8	ND	6	ND	0	28	50
Calcium (Ca)	152,000	159,000	124,500	134,000	NA	NA	NL
Iron (Fe)	10,600	12,500	4,140	4,450	1,100	NA	NL
Magnesium (Mg)	28,100	34,500	17,850	33,050	NA	NA	NL
Manganese (Mn)	514	584	570	518	84	3,391	NL
Potassium (K)	12,400	14,200	10,550	15,000	NA	NA	NL
Sodium (Na)	41,700	34,200	31,600	ND	NA	NA	NL
Vanadium (V)	ND	ND	ND	2	26	NA	NL
Zinc (Zn)	ND	ND	ND	5	1,100	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	99	27	ND	NA	NA	NL
Sulfate (mg/L)	NS	150	100	84	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	970	630	774	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH002							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	491	477	1,140	3,700	NA	NL
Beryllium (Be)	ND	ND	ND	1	0	0	4
Cadmium (Cd)	ND	ND	5	ND	2	2	5
Calcium (Ca)	286,000	198,000	180,000	194,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	6	18	18	100
Copper (Cu)	ND	ND	ND	4	150	140	1,300
Iron (Fe)	ND	501	521	1,000	1,100	NA	NL
Magnesium (Mg)	1,090,000	978,000	863,000	1,010,000	NA	NA	NL
Manganese (Mn)	ND	17	ND	ND	84	3,391	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	297,000	239,000	249,000	255,000	NA	NA	NL
Sodium (Na)	8,590,000	7,330,000	6,500,000	9,760,000	NA	NA	NL
Vanadium (V)	ND	ND	8	6	26	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	16,000	17,000	14,700	NA	NA	NL
Sulfate (mg/L)	NS	ND	ND	2	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	27,000	27,000	27,800	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH003							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	125	ND	ND	ND	3,700	NA	NL
Arsenic (As)	ND	25	41	42	0	28	50
Barium (Ba)	ND	8	ND	ND	260	323	2,000
Calcium (Ca)	153,000	144,000	109,000	104,000	NA	NA	NL
Iron (Fe)	10,700	22,700	25,700	21,000	1,100	NA	NL
Magnesium (Mg)	47,500	56,500	58,400	78,400	NA	NA	NL
Manganese (Mn)	1,090	1,690	1,160	1,360	84	3,391	NL
Potassium (K)	23,000	27,200	33,400	34,200	NA	NA	NL
Sodium (Na)	430,000	575,000	523,000	698,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	4	0	8	2
Vanadium (V)	ND	ND	5	ND	26	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	740	800	814	NA	NA	NL
Sulfate (mg/L)	NS	26	ND	ND	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	2,100	2,200	2,450	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH004							
Inorganic Chemicals (mg/L)							
Arsenic (As)	1	ND	3	ND	0	28	50
Barium (Ba)	13	11	ND	ND	260	323	2,000
Calcium (Ca)	102,000	90,500	125,000	87,900	NA	NA	NL
Cobalt (Co)	2	ND	ND	ND	220	NA	NL
Copper (Cu)	ND	ND	ND	1	150	140	1,300
Iron (Fe)	490	466	1,750	6,470	1,100	NA	NL
Lead (Pb)	2	ND	ND	ND	15	5	15
Magnesium (Mg)	48,500	46,800	39,900	40,100	NA	NA	NL
Manganese (Mn)	83	91	147	74	84	3,391	NL
Potassium (K)	26,200	20,400	19,900	17,800	NA	NA	NL
Sodium (Na)	86,700	56,600	36,900	ND	NA	NA	NL
Thallium (Tl)	2	ND	ND	5	0	8	2
Semi-volatile Organic Compounds (µg/L)							
Acenaphthene	4	4	11	4	220	NA	NL
Naphthalene	3	ND	ND	ND	150	NA	NL
Volatile Organic Compounds (µg/L)							
Acetone	23	ND	ND	ND	370	NA	NL
Carbon disulfide	ND	84	ND	ND	100	NA	NL
Methylene chloride	ND	ND	12	ND	4	NA	5
Water Quality Related Compounds							
Chloride (mg/L)	NS	69	34	ND	NA	NA	NL
Sulfate (mg/L)	NS	120	190	95	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	630	690	642	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH005							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	10	ND	0	28	50
Calcium (Ca)	235,000	198,000	179,000	171,000	NA	NA	NL
Iron (Fe)	5,730	16,400	6,860	15,300	1,100	NA	NL
Magnesium (Mg)	133,000	243,000	123,000	238,000	NA	NA	NL
Manganese (Mn)	1,310	1,680	1,030	1,310	84	3,391	NL
Potassium (K)	46,200	77,800	45,800	110,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	3	50
Sodium (Na)	616,000	1,480,000	654,000	1,790,000	NA	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	2,400	940	2,200	NA	NA	NL
Sulfate (mg/L)	NS	690	370	72	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	5,800	3,000	5,850	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH006							
Inorganic Chemicals (mg/L)							
Arsenic (As)	7	7	43	27	0	28	50
Barium (Ba)	3	ND	ND	ND	260	323	2,000
Calcium (Ca)	243,000	250,000	64,250	212,000	NA	NA	NL
Copper (Cu)	ND	ND	ND	1	150	140	1,300
Cyanide (CN)	0	NS	NS	NS	73	NA	200
Iron (Fe)	1,420	2,040	8,230	9,710	1,100	NA	NL
Lead (Pb)	3	ND	ND	ND	15	5	15
Magnesium (Mg)	44,500	29,500	34,400	34,800	NA	NA	NL
Manganese (Mn)	958	612	520	773	84	3,391	NL
Potassium (K)	22,100	11,800	28,650	18,750	NA	NA	NL
Selenium (Se)	1	5	ND	ND	18	3	50
Silver (Ag)	ND	ND	ND	1	18	NA	NL
Sodium (Na)	61,500	26,800	202,000	ND	NA	NA	NL
Thallium (Tl)	2	ND	ND	4	0	8	2
Zinc (Zn)	ND	8	ND	ND	1,100	NA	NL
Semi-volatile Organic Compounds (µg/L)							
bis(2-Ethylheryl)phthalate (BEHP)	ND	ND	ND	65	5	NA	NL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	38	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	420	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	0	NS	NS	NS	100	NA	NL
Chloride (mg/L)	NS	29	280	149	NA	NA	NL
Nitrate (as N) (mg/L)	4	NS	NS	NS	5,800	NA	NL
Nitrite (as N) (mg/L)	0	NS	NS	NS	370	NA	NL
Sulfate (mg/L)	NS	290	ND	189	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	1,100	1,100	855	1,090	NA	NA	NL
Total Hardness (mg Ca)	770	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	11	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L)	1	NS	NS	NS	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH007							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	162	ND	ND	3,700	NA	NL
Arsenic (As)	1	ND	4	8	0	28	50
Barium (Ba)	3	5	ND	6	260	323	2,000
Calcium (Ca)	55,500	58,900	8,510	59,500	NA	NA	NL
Iron (Fe)	ND	433	ND	1,530	1,100	NA	NL
Lead (Pb)	2	ND	1	ND	15	5	15
Magnesium (Mg)	10,000	12,950	41,900	17,400	NA	NA	NL
Manganese (Mn)	19	28	ND	21	84	3,391	NL
Nickel (Ni)	ND	ND	ND	1	73	NA	100
Potassium (K)	5,010	5,905	11,000	ND	NA	NA	NL
Selenium (Se)	1	ND	2	ND	18	3	50
Sodium (Na)	18,700	29,050	316,000	52,000	NA	NA	NL
Tin (Sn)	ND	NS	NS	3	2,200	NA	NL
Zinc (Zn)	ND	7	ND	ND	1,100	NA	NL
Volatile Organic Compounds (µg/L)							
Toluene	1	ND	ND	NS	75	NA	1,000
Water Quality Related Compounds							
Chloride (mg/L)	NS	21	12	45	NA	NA	NL
Sulfate (mg/L)	NS	46	33	79	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	280	250	408	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH008							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	2	ND	0	28	50
Barium (Ba)	ND	ND	ND	24	260	323	2,000
Calcium (Ca)	233,000	236,000	231,000	228,000	NA	NA	NL
Iron (Fe)	15,500	16,200	15,500	15,600	1,100	NA	NL
Magnesium (Mg)	69,500	72,300	68,900	74,400	NA	NA	NL
Manganese (Mn)	1,320	1,440	1,500	1,450	84	3,391	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Potassium (K)	35,800	34,200	37,600	35,200	NA	NA	NL
Sodium (Na)	77,200	88,200	90,500	120,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Semi-volatile Organic Compounds (μg/L)							
Butylbenzylphthalate	ND	ND	3	ND	730	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	78	62	82	NA	NA	NL
Sulfate (mg/L)	NS	430	440	424	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	1,400	1,400	1,460	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH009							
Inorganic Chemicals (mg/L)							
Arsenic (As)	11	ND	7	3	0	28	50
Barium (Ba)	55	59	ND	115	260	323	2,000
Calcium (Ca)	720,000	659,000	561,000	504,000	NA	NA	NL
Cobalt (Co)	ND	ND	ND	1	220	NA	NL
Iron (Fe)	28,000	28,700	26,900	20,500	1,100	NA	NL
Lead (Pb)	1	ND	2	ND	15	5	15
Magnesium (Mg)	235,000	249,000	238,000	328,000	NA	NA	NL
Manganese (Mn)	4,570	3,190	3,250	2,620	84	3,391	NL
Potassium (K)	69,500	69,500	78,700	135,000	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	3	50
Sodium (Na)	1,240,000	1,500,000	1,250,000	2,030,000	NA	NA	NL
Thallium (Tl)	105	ND	ND	4	0	8	2
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Volatile Organic Compounds (μg/L)							
4-Methyl-2-Pentanone (MIBK)	ND	17	NS	NS	290	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	2,200	2,200	3,240	NA	NA	NL
DCAA (mg/L)	NS	86	NS	ND	NA	NA	NL
Sulfate (mg/L)	NS	1,900	1,700	2,060	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	8,100	7,700	9,170	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH010							
Inorganic Chemicals (mg/L)							
Arsenic (As)	14	ND	8	19	0	28	50
Barium (Ba)	7	ND	ND	28	260	323	2,000
Calcium (Ca)	204,000	259,000	252,000	315,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	18	100
Cobalt (Co)	ND	ND	ND	3	220	NA	NL
Iron (Fe)	2,850	4,980	1,220	4,795	1,100	NA	NL
Lead (Pb)	2	ND	ND	ND	15	5	15
Magnesium (Mg)	65,600	84,800	76,800	113,500	NA	NA	NL
Manganese (Mn)	428	700	496	670	84	3,391	NL
Nickel (Ni)	21	ND	25	38	73	NA	100
Potassium (K)	21,200	23,500	28,850	41,950	NA	NA	NL
Selenium (Se)	2	ND	ND	ND	18	3	50
Silver (Ag)	ND	ND	ND	1	18	NA	NL
Sodium (Na)	206,000	216,000	269,000	544,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	3	0	8	2
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	380	335	677	NA	NA	NL
Sulfate (mg/L)	NS	650	705	1,010	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	1,900	2,150	3,280	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH011							
Inorganic Chemicals (mg/L)							
Arsenic (As)	5	ND	3	ND	0	28	50
Barium (Ba)	40	ND	ND	ND	260	323	2,000
Calcium (Ca)	201,000	165,000	243,000	180,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	3	18	18	100
Iron (Fe)	9,200	7,330	5,630	3,470	1,100	NA	NL
Lead (Pb)	3	ND	ND	ND	15	5	15
Magnesium (Mg)	532,000	384,000	526,000	442,000	NA	NA	NL
Manganese (Mn)	507	400	612	471	84	3,391	NL
Potassium (K)	135,000	122,000	153,000	144,000	NA	NA	NL
Sodium (Na)	3,910,000	3,550,000	3,930,000	3,850,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Vanadium (V)	8	ND	ND	ND	26	NA	NL
Zinc (Zn)	ND	ND	123	ND	1,100	NA	NL
Volatile Organic Compounds (µg/L)							
Carbon disulfide	7	NS	NS	NS	100	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	4,000	6,900	5,840	NA	NA	NL
Sulfate (mg/L)	NS	10	84	51	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	7,200	12,000	12,600	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH01D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	372	ND	3,700	723	NL
Cadmium (Cd)	ND	ND	4	ND	2	NA	5
Calcium (Ca)	120,000	111,000	129,000	108,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	NA	100
Iron (Fe)	5,010	5,940	6,700	5,490	1,100	NA	NL
Lead (Pb)	3	ND	ND	ND	15	4	15
Magnesium (Mg)	914,000	905,000	859,000	1,000,000	NA	NA	NL
Manganese (Mn)	555	741	760	660	84	776	NL
Potassium (K)	224,000	216,000	242,000	222,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Sodium (Na)	6,810,000	6,200,000	5,850,000	7,830,000	NA	NA	NL
Vanadium (V)	ND	ND	5	ND	26	9	NL
Volatile Organic Compounds (μg/L)							
Methylene chloride	6	NS	NS	NS	4	NA	5
Water Quality Related Compounds							
Chloride (mg/L)	NS	13,000	17,000	11,900	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	22,000	22,000	22,900	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH02D							
Inorganic Chemicals (mg/L)							
Beryllium (Be)	ND	ND	ND	1	0	NA	4
Cadmium (Cd)	ND	ND	3	ND	2	NA	5
Calcium (Ca)	95,800	96,500	91,700	91,900	NA	NA	NL
Chromium (Cr)	ND	ND	ND	2	18	NA	100
Copper (Cu)	ND	ND	ND	1	150	NA	1,300
Iron (Fe)	4,270	6,280	6,950	4,560	1,100	NA	NL
Magnesium (Mg)	629,000	618,000	686,000	572,000	NA	NA	NL
Manganese (Mn)	109	146	153	118	84	776	NL
Nickel (Ni)	13	ND	ND	ND	73	NA	100
Potassium (K)	180,000	203,000	195,000	196,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Sodium (Na)	5,100,000	4,990,000	5,480,000	6,400,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Vanadium (V)	4	ND	5	1	26	9	NL
Zinc (Zn)	ND	ND	81	ND	1,100	NA	NL
Pesticide/PCB Compounds (μg/L)							
4,4'-DDT	0	ND	ND	NS	0	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	10,000	14,000	9,030	NA	NA	NL
Sulfate (mg/L)	NS	ND	ND	2	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	18,000	18,000	17,900	NA	NA	NL

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NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH03D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	3	ND	0	15	50
Barium (Ba)	60	41	ND	ND	260	237	2,000
Beryllium (Be)	ND	ND	ND	1	0	NA	4
Cadmium (Cd)	3	ND	5	ND	2	NA	5
Calcium (Ca)	162,000	204,000	203,000	198,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	4	18	NA	100
Magnesium (Mg)	751,000	918,000	1,010,000	1,000,000	NA	NA	NL
Manganese (Mn)	ND	3	ND	ND	84	776	NL
Potassium (K)	217,000	260,000	301,000	282,000	NA	NA	NL
Sodium (Na)	6,230,000	7,600,000	8,930,000	1,150,000	NA	NA	NL
Vanadium (V)	ND	5	ND	ND	26	9	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	14,000	14,000	13,400	NA	NA	NL
Sulfate (mg/L)	NS	670	650	645	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	26,000	26,000	26,300	NA	NA	NL

Note:
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NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH04D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	3	ND	ND	ND	0	15	50
Barium (Ba)	48	52	ND	ND	260	237	2,000
Beryllium (Be)	ND	ND	ND	1	0	NA	4
Cadmium (Cd)	ND	2	6	ND	2	NA	5
Calcium (Ca)	213,000	222,000	223,000	203,000	NA	NA	NL
Chromium (Cr)	ND	3	ND	2	18	NA	100
Cobalt (Co)	3	ND	ND	ND	220	3	NL
Iron (Fe)	1,540	356	421	289	1,100	NA	NL
Lead (Pb)	3	ND	ND	ND	15	4	15
Magnesium (Mg)	874,000	916,500	948,000	881,000	NA	NA	NL
Manganese (Mn)	132	167	167	128	84	776	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Potassium (K)	143,000	167,500	189,000	242,000	NA	NA	NL
Sodium (Na)	6,630,000	6,945,000	7,870,000	9,710,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	6	0	NA	2
Vanadium (V)	7	6	ND	ND	26	9	NL
Semi-volatile organic Compounds (μg/L)							
Acenaphthene	ND	ND	ND	2	220	NA	NL
DI-n-butylphthalate	3	ND	ND	ND	370	NA	NL
Di-n-octylphthalate	ND	5	ND	ND	73	NA	NL
2,4-Dimethylphenol	15	15	15	21	73	NA	NL
2-Methylnaphthalene	ND	ND	ND	4	150	NA	NL
2-Methylphenol (o-Cresol0	20	8	9	16	180	NA	NL
Naphthalene	17	24	26	53	150	NA	NL
Volatile Organic Compounds (μg/L)							
Benzene	3	4	5	ND	0	NA	5
Toluene	ND	4	5	ND	75	NA	1,000
Trchloroethene	ND	ND	ND	2	2	NA	5
Water Quality Related Compounds							
Chloride (mg/L)	NS	12,000	14,000	12,400	NA	NA	NL
Sulfate (mg/L)	NS	ND	28	ND	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	23,000	23,000	23,600	NA	NA	NL

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NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH05D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	2	NS	0	15	50
Barium (Ba)	ND	58	ND	NS	260	237	2,000
Cadmium (Cd)	ND	2	6	NS	2	NA	50
Calcium (Ca)	145,000	135,000	123,000	NS	NA	NA	NL
Iron (Fe0	4,430	4,800	4,600	NS	1,100	NA	NL
Magnesium (Mg)	943,000	920,000	884,000	NS	NA	NA	NL
Manganese (Mn)	462	563	519	NS	84	776	NL
Potassium (K)Potassium (K)	236,000	240,000	245,000	NS	NA	NA	NL
Selenium (Se0	1	ND	ND	NS	18	2	50
Sodium (Na)	6,720,000	6,570,000	6,600,000	NS	NA	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	16,000	12,000	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	22,000	22,000	NS	NA	NA	NL

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NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH06D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	8	ND	3	ND	0	15	50
Barium (Ba)	96	88	ND	ND	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	150,000	156,000	143,000	148,000	NA	NA	NL
Chromium (Cr)	7	4	ND	4	18	NA	100
Cobalt (Co)	3	ND	ND	ND	220	3	NL
Iron (Fe)	528	ND	ND	ND	1,100	NA	NL
Lead (Pb)	2	ND	ND	ND	15	4	15
Magnesium (Mg)	672,000	849,000	196,000	940,000	NA	NA	NL
Manganese (Mn)	12	23	ND	ND	84	776	NL
Potassium (K)	199,000	222,000	230,000	227,000	NA	NA	NL
Selenium (Se)	ND	ND	1	ND	18	2	50
Sodium (Na)	5,040,000	6,810,000	394,000	9,200,000	NA	NA	NL
Vanadium (V)	ND	9	ND	ND	26	9	NL
Zinc (Zn)	62	ND	ND	ND	1,100	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Benzoic acid	ND	ND	ND	1	15,000	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	4	230	ND	ND	5	NA	NL
Water Quality Related Compounds							
Chemical Oxygen Demand (mg/L)	380	NS	NS	NS	NA	NA	NL
Alkalinity (as CaCO3) (mg Ca)	1,900	NS	NS	NS	NA	NA	NL
Ammonia (as N) (mg/L)	51	NS	NS	NS	100	NA	NL
Chloride (mg/L)	NS	12,000	9,600	14,000	NA	NA	NL
Total BOD5 (mg/L)	30	NS	NS	NS	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	22,000	23,000	23,000	23,300	NA	NA	NL
Total Hardness (mg CA)	3,700	NS	NS	NS	NA	NA	NL
Total Organic Carbon (TOC) (mg/L)	50	NS	NS	NS	NA	NA	NL
Total phosphorus (mg/L0	3	NS	NS	NS	NA	NA	NL

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NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH07D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	16	ND	ND	ND	3,700	723	NL
Arsenic (As)	ND	ND	2	ND	0	15	50
Barium (Ba)	85	93	ND	102	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	203,000	199,000	221,000	180,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	3	18	NA	100
Cobalt (Co)	ND	ND	ND	1	220	3	NL
Iron (Fe)	923	510	624	544	1,100	NA	NL
Magnesium (Mg)	852,000	986,000	1,150,000	807,000	NA	NA	NL
Manganese (Mn)	126	170	207	145	84	776	NL
Mercury (Hg)	ND	ND	0	ND	1	NA	2
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	190,000	201,000	242,000	187,000	NA	NA	NL
Sodium (Na)	6,520,000	7,640,000	8,460,000	9,760,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	4	2,200	NA	NL
Vanadium (V)	ND	6	ND	ND	26	9	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	2	15,000	NA	NL
Butylenzylphthalate	ND	ND	2	ND	730	NA	NL
Volatile Organic Compounds (μg/L)							
Acetone	ND	32	ND	ND	370	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	13,000	10,000	14,400	NA	NA	NL
Sulfate (mg/L)	NS	10	ND	24	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	23,000	23,000	23,300	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGD08D							
Inorganic Chemicals (mg/L)							
Arsenic (As)	ND	ND	2	ND	0	15	50
Barium (Ba)	ND	75	ND	85	260	237	2,000
Cadmium (Cd)	ND	2	4	ND	2	NA	5
Calcium (Ca)	171,000	185,000	191,000	177,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	4	18	NA	100
Cobalt (Co)	ND	ND	ND	2	220	3	NL
Iron (Fe)	ND	391	678	366	1,100	NA	NL
Magnesium (Mg)	789,000	876,000	911,000	852,000	NA	NA	NL
Manganese (Mn)	355	481	528	447	84	776	NL
Nickel (Ni)	ND	ND	ND	2	73	NA	100
Potassium (K)	205,000	249,000	261,000	254,000	NA	NA	NL
Silver (Ag)	ND	ND	ND	2	18	NA	NL
Sodium (Na)	6,230,000	6,895,000	6,900,000	9,140,000	NA	NA	NL
Thallium (Tl)	6	ND	ND	ND	0	NA	2
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Vanadium (V)	4	4	ND	ND	26	9	NL
Semi-volatile Organic Compounds (μg/L)							
Benzoic acid	ND	ND	ND	1	15,000	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	13,000	13,000	14,400	NA	NA	NL
Sulfate (mg/L)	NS	ND	ND	6	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	22,500	24,000	23,600	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH09D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	ND	ND	474	ND	3,700	723	NL
Antimony (Sb)	ND	12	ND	ND	2	NA	6
Arsenic (As)	2	ND	2	ND	0	15	50
Barium (Ba)	30	ND	ND	34	260	237	2,000
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	112,000	117,000	124,000	112,000	NA	NA	NL
Chromium (Cr)	ND	ND	ND	12	18	NA	100
Cobalt (Co)	ND	ND	ND	1	220	3	NL
Iron (Fe)	2,640	3,240	3,470	2,730	1,100	NA	NL
Lead (Pb)	3	ND	3	ND	15	4	15
Magnesium (Mg)	927,000	1,130,000	1,100,000	937,000	NA	NA	NL
Manganese (Mn)	185	229	244	197	84	776	NL
Nickel (Ni)	ND	ND	ND	5	73	NA	100
Potassium (K)	211,000	252,000	277,000	384,000	NA	NA	NL
Selenium (Se)	1	ND	ND	ND	18	2	50
Silver (Ag)	ND	ND	ND	1	18	NA	NL
Sodium (Na)	6,350,000	6,730,000	7,270,000	8,000,000	NA	NA	NL
Thallium (Tl)	ND	ND	ND	6	0	NA	2
Semi-volatile Organic Compounds (µg/L)							
Di-n-butylphthalate	NS	2	ND	ND	370	NA	NL
bis(2-Ethylhexyl0phthalate (BEHP)	NS	7	ND	2	5	NA	NL
Water Quality RelatedCompounds							
NSChloride (mg/L)	NS	2	ND	ND	370	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	24,000	24,000	24,300	NA	NA	NL

Note:
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NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH10D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	105	ND	2,520	3,620	3,700	723	NL
Antimony (Sb)	ND	12	ND	ND	2	NA	6
Arsenic (As)	ND	ND	3	4	0	15	50
Cadmium (Cd)	ND	ND	5	ND	2	NA	5
Calcium (Ca)	92,900	86,700	89,100	85,100	NA	NA	NL
Chromium (Cr)	ND	ND	ND	8	18	NA	100
Copper (Cu)	ND	ND	118	20	150	NA	1,300
Iron (Fe)	2,980	3,850	6,750	3,270	1,100	NA	NL
Lead (Fe)	ND	ND	6	3	15	4	15
Magnesium (Mg)	692,000	742,000	756,000	715,000	NA	NA	NL
Manganese (Mn)	446	415	445	384	84	776	NL
Mercury (Hg)	0	ND	ND	0	1	NA	2
Potassium (K)	192,000	184,000	208,000	202,000	NA	NA	BL
Sodium (Na)	5,570,000	5,500,000	5,890,000	6,250,000	NA	NA	BL
Tin (Sn)	ND	NS	NS	3	2,200	NA	BL
Vanadium (V)	ND	ND	ND	5	26	9	NL
Zinc (Zn)	ND	ND	254	ND	1,100	NA	NL
Semi-volatile Organic Compounds (µg/L)							
Di-n-butylphthalate	ND	3	NS	NS	370	NA	NL
bis(2-Ethylhexyl)phthalate (BEHP)	ND	9	NS	NS	5	NA	NL
Water Quality Related Compounds							
Chloride (mg/L)	NS	9,900	9,700	10,900	NA	NA	NL
Sulfate (mg/L)	NS	ND	ND	1	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	18,000	18,000	18,600	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled

Chemicals Detected in Zone H Monitoring Wells
Sampling Rounds 1, 2, 3, and 4
Grid Wells

Name	Round 1	Round 2	Round 3	Round 4	RBC	UTL	MCL
Monitoring Well NBCHGDH11D							
Inorganic Chemicals (mg/L)							
Aluminum (Al)	207	745	3,330	578	3,700	723	NL
Arsenic (As)	ND	ND	3	ND	0	15	50
Barium (Ba)	ND	871	ND	ND	260	237	2,000
Cadmium (Cd)	ND	2	5	ND	2	NA	5
Calcium (Ca)	103,000	7,650	106,000	95,500	NA	NA	NL
Chromium (Cr)	ND	ND	ND	1	18	NA	100
Iron (Fe)	6,470	1,810	7,180	2,820	1,100	NA	NL
Lead (Pb)	ND	2	1	ND	15	4	15
Magnesium (Mg)	688,000	1,290	705,000	740,000	NA	NA	NL
Manganese (Mn)	281	821	306	234	84	776	NL
Mercury (Hg)	ND	ND	ND	0	1	NA	2
Potassium (K)	193,000	9,050	213,000	207,000	NA	NA	NL
Sodium (Na)	5,980,000	1,360,000	6,390,000	6,720,000	NA	NA	NL
Tin (Sn)	NS	NS	NS	3	2,200	NA	NL
Zinc (Zn)	ND	1,180	63	ND	1,100	NA	NL
Volatile Organic Compounds (μg/L)							
Methylene chloride	5	NS	NS	NS	4	NA	5
Water Quality Related Compounds							
Chloride (mg/L)	NS	20,000	11,000	11,700	NA	NA	NL
Sulfate (mg/L)	NS	ND	ND	1	NA	NA	NL
Total Dissolved Solids (TDS) (mg/L)	NS	20,000	19,000	19,900	NA	NA	NL

Note:
ND = Not detected at or above the method detectionlimit
NA = Not applicable
NL = Not listed
NS = Not sampled