HAZARDOUS
SITE CONTROL
DIVISION

Remedial Planning/ Field Investigation Team (REM/FIT)

ZONE II

CONTRACT NO.
68-01-6692

CH2M HILL

Ecology & Environment

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FINAL

REMEDIAL INVESTIGATION DATA REPORT

WESTERN PROCESSING
KENT, WASHINGTON

EPA WA 37-0L16.1

December 17, 1984

W60816.R6
LT

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U.S. ENVIRONMENTAL PROTECTION AGENCY

REGION X

1200 SIXTH AVENUE

SEATTLE, WASHINGTON 98101

REPLY TO
ATTN OF: M/S 525

December 17, 1984

Dear Sir or Madam:

The U. S. Environmental Protection Agency (EPA) has just released its Remedial Investigation Report on the Western Processing Company site in Kent, Washington. This report completes the field data collection phase of work leading to the selection of the final cleanup remedy for the site.

The report discusses the methods and presents the technical results of the onsite and offsite field and laboratory work done by EPA, Washington Department of Ecology, CH2M Hill, other EPA contractors, and other government agencies, with emphasis on the work done since May 1984. One chapter contains an annotated listing of all previous data reports. The final chapter summarizies the surrounding land use, utilities and zoning.

The Remedial Investigation report is designed to be used with the Feasibility Study report for determining the appropriate remedial action. The Feasibility Study report will be available in January 1985. Comments on the Remedial Investigation report will be accepted until the close of the comment period on the Feasibility Study report sometime in February 1985.

The Remedial Investigation report is essentially a data compilation. The next report, the Feasibility Study, will examine this data in relation to the nature and extent of contamination beyond the Western Processing site boundaries, as well as evaluate several examples of remedial action alternatives.

Copies of the Remedial Investigation report and the documents referenced in that report are available at the following libraries:

City of Kent Public Library
Reference Desk
232 South Fourth
Kent, Washington 98032
(206) 872-3330

U.S. EPA Regional Library
12th Floor
1200 Sixth Avenue
Seattle, Washington 98101
(206) 442-1289

A limited number of copies are also available from the EPA contacts listed below.

If you have questions about the report, please contact Judi Schwarz or Norma Lewis, both with the Superfund Branch, EPA Region 10, Seattle. They can be reached at (206) 442-2684 or (206) 442-7215, respectively.

Sincerely,

Philip S. Millam, Acting

for Robert G. Courson, Chief
Superfund Branch

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Chapter 1
INTRODUCTION

The purpose of the Remedial Investigation (RI) at the Western Processing site was to gather additional data to supplement an existing data base acquired during previous investigations and to compile these previously collected data for use during the data analysis phase of the Feasibility Study. A description of these other investigations and the sequence by which they occurred is included in Chapter 4 of this report. Data gathered and compiled during this RI will be used to evaluate remedial response alternatives in the Feasibility Study. The RI activities were specifically directed toward gathering and reporting data that would:

- Improve knowledge regarding geology of the site, immediately adjacent to the site, and in the Kent valley plain
- Assist in the determination of groundwater gradients by measuring groundwater elevations
- Identify the zone of gross contamination within and surrounding the site by soil sampling
- Define potential contaminant migration pathways
- Identify land-use plans in the vicinity adjacent to Western Processing that might affect the selection of remedial actions
- Help evaluate potential health hazards resulting from exposure to contaminants
- Determine the quantity and characteristics of onsite materials

This report contains detailed discussions of the investigation tasks conducted to satisfy these data needs and those data gathered during these tasks.

PROJECT DESCRIPTION

The RI field activities included a site hydrogeologic investigation, soil sampling and analysis, a land-use evaluation, and an onsite materials inventory.

The site hydrogeologic investigation was conducted to provide data on soil substrata and groundwater on the site and adjacent to the site on all sides. The hydrogeologic investigation included drilling soil borings and installing monitoring wells and piezometers.

Soil samples were collected during subsurface drilling to identify the zone of contamination adjacent to the site. A field laboratory, the close-support lab, was set up at the site to test soil samples for selected contaminants found during previous investigations at the site. The presence or absence of these compounds was used to help guide the drilling program, to select samples for priority pollutant analysis at an EPA contract laboratory, and to permit a preliminary evaluation of the degree of offsite contamination.

A land use evaluation was conducted to identify current practices or future land development plans in the vicinity of the site that might affect the selection of remedial actions. Included in this task is the location of utilities near to the site that might act as pathways for contaminant migration.

The materials inventory was conducted by CH2M HILL and Ecology and Environment, Inc., to improve the data base regarding the types and quantities of materials on the surface of the site. This information is provided in a separate onsite Materials Inventory Report by CH2M HILL and is not discussed further in this report. At this time, all of the onsite materials above the ground surface have been removed. Data obtained during the materials inventory aided the surface clean-up effort and provided information regarding possible subsurface contamination for the remedial response alternatives evaluations.

The second major task of the RI was to compile data gathered during previous investigations. Several investigations for the Western Processing site were being conducted by other EPA contractors and were ongoing concurrently with the RI. These investigations include:

- Evaluation of the Kent Valley hydrogeology by Hart Crowser and Associates for GCA, Inc.
- Evaluation of aspects of Mill Creek surface water and sediment by GCA, Inc.
- Modeling of groundwater flow and contaminant transport by Battelle
- Evaluation of the asphalt cover effectiveness by JRB and Associates
- Assessment of surface water quality and wet weather-dry weather mass transport by Washington State Department of Ecology

Data accumulated during CH2M HILL investigations were made available to these contractors. The sequence in which these investigations took place and the availability of the results is included in Chapter 4.

Contacts with each of these companies and agencies can be made through EPA.

PROJECT ORGANIZATION

The primary participants in the remedial investigation were CH2M HILL and Ecology and Environment, Inc. CH2M HILL was responsible for overall project management, including tasks performed by Ecology and Environment. CH2M HILL performed all drilling activities, soil sampling, groundwater sampling, and all onsite materials identification and quantification. Ecology and Environment performed the majority of onsite waste materials sampling and chemical analysis.

QUALITY ASSURANCE AND DOCUMENTATION

A Quality Assurance Project Plan (QAPP) was prepared and approved by EPA before field activities were begun. The QAPP outlined procedures to improve the precision, accuracy, completeness, and representativeness of the data generated by the RI.

As outlined in the QAPP, detailed documentation procedures were followed throughout the investigation. A field notebook was used to record field activities, photo numbers, field observations, and other pertinent information. Sample containers were labeled immediately before sampling. The field label included the date, time of sampling, sampler's name, and a unique five-part sample number identifying the project, sample type, sample location, depth, and laboratory destination.

All samples collected during the field investigation were described and recorded in the field notebook. The samples were then taken to the field office for storage and shipment. Samples destined for the close-support laboratory were segregated and stored in a refrigerator until analysis. Samples destined for a contract laboratory were refrigerated until shipment. EPA chain-of-custody procedures were followed throughout the investigation.

Field procedures for decontaminating all sampling and drilling equipment were followed to minimize the possibility of cross-contamination. Drilling equipment was steam cleaned between borings, and soil sampling equipment was decontaminated with a trisodium phosphate wash followed by a tap water

rinse, an acetone rinse, and three distilled water rinses. Soil sampling equipment was air dried for several minutes between uses.

HEALTH AND SAFETY PRECAUTIONS

Onsite work required Level C protection at all times. The principal components of Level C gear include disposable coveralls, disposable booties, gloves, and an air purifying respirator. In addition, the concentration of organic vapors was monitored using an HNU photoionization detector.

Offsite work generally necessitated modified Level D protection, which was basically Level C protection without the respirator. While drilling and sampling SB-14 and SB-15, however, respirators were worn because organic vapors above background levels were present in the breathing zone.

Drill cuttings, purge water, and used disposable gear generated during the drilling of the monitoring wells, the shallow and intermediate soil borings, and the near-offsite piezometer were placed in labeled 55-gallon drums that were subsequently stored onsite on wooden pallets. A list of what the drums contained by number is presented in Appendix A.

These drums were disposed of at the CWM Arlington facility during the potentially responsible party's (PRPs) surface cleanup activities.

Chapter 2
HYDROGEOLOGY

INTRODUCTION

This section contains a description of the overall hydrogeologic environment in the Western Processing area and incorporates findings of the soils and hydrogeologic investigation into an understanding of local hydrogeology.

REGIONAL HYDROGEOLOGY

GEOLOGIC SETTING

Western Processing lies near the north-south axis of the Duwamish Valley, a physiographic subdivision of the Puget Sound Lowland (Luzier, 1969). The valley, once a marine embayment contiguous with Puget Sound, has been partly filled with Recent deposits. The east and west margins of the Duwamish Valley are defined by a dissected drift plain with elevations approximately 350-600 feet above the valley floor.

Consolidated rock in the area is exposed only where there are small outcrops of Tertiary extrusive and intrusive igneous rocks at the northern end of the valley. The uplands bordering the valley are composed of Pleistocene glacial and interglacial deposits. The valley fill is primarily a sequence of Recent alluvial and lacustrine deposits. Recent sediments are typically fine- to medium-grained sands, silts, peaty silt, and clay. The total depth of valley fill apparently exceeds 500 feet (Luzier, 1969).

OCCURRENCE AND FLOW OF GROUNDWATER

Groundwater in the area occurs primarily in unconsolidated fluvial, marine, lacustrine, and glacial deposits. The most productive aquifers are outwash deposits of the glacial drift that comprises the uplands. Groundwater in the valley floor is typically very shallow, with an average depth to water of less than 10 feet. The ground may become completely saturated in low areas during wet periods.

Confined groundwater occurs frequently in the area due to complex stratigraphy and generally fine grained sediments. A flowing artesian system, meeting part of the City of Kent's water needs, occurs at depths of less than 300 feet near the east and west valley margins.

Groundwater in the area is recharged primarily by precipitation in the uplands bordering the Duwamish Valley. Groundwater flow is toward the valley axis and northward toward

Puget Sound. Groundwater losses include discharge to stream channels and Puget Sound, spring discharges, and, to a much smaller extent, discharges due to pumping wells and evapotranspiration (Luzier, 1969).

SOILS AND HYDROGEOLOGIC INVESTIGATION

The soils and hydrogeologic investigation was conducted from May 7 to June 20, 1984. The four major tasks completed during this investigation are summarized below. The rational for drilling the locations and depths of these borings is discussed in Chapter 3 under Sampling Locations. Boring locations are indicated on Figures 1 and 2.

- Onsite monitoring wells. Three monitoring wells were installed on Western Processing property. Numbered MB-01, MB-02, and MB-03, the wells were drilled to 100, 60, and 100 feet, respectively.

- Offsite soil borings. Twenty shallow borings (SB-01 through SB-20), generally 30 feet deep, and three intermediate borings (IB-01 through IB-03), generally 60 feet deep, were completed adjacent to and surrounding the site.

- Deep stratigraphic boring. A 365-foot boring was drilled approximately 1/3-mile south of Western Processing (DB-01). This boring was backfilled and completed as a 155-foot well.

- Shallow piezometers. Eight shallow piezometers (PB-01 through PB-08), generally 16 to 18 feet in depth, were installed at distances of up to 1/3 mile away from the site.

ONSITE MONITORING WELLS

The three onsite monitoring wells were constructed under the field observation of a hydrogeologist. The wells were drilled with a cable-tool rig driving an 8-inch-diameter temporary steel casing with welded joints. Soil samples were obtained at 5-foot intervals with a standard 1-1/4-inch-diameter 18-inch split spoon sampler. Soil samples were photographed, inspected, and logged by the hydrogeologist, homogenized in a stainless steel bowl, and placed in sample jars. Three 8-ounce, wide-mouth glass jars with Teflon-lined plastic caps were used for each sample. Geologic logs for the monitoring wells are presented in Appendix B.

After MB-01 and MB-02 were drilled to their final depth, 4-inch, Schedule 40, PVC-slotted well screens and casings were placed inside the temporary steel casings.

Piezometers

Deep Stratgraphic Boring

Note:
PB-06 is abandoned.

N

Figure 1
OFFSITE PIEZOMETERS AND DEEP OFFSITE WELL

WESTERN PROCESSING
Kent, Washington

EB0074

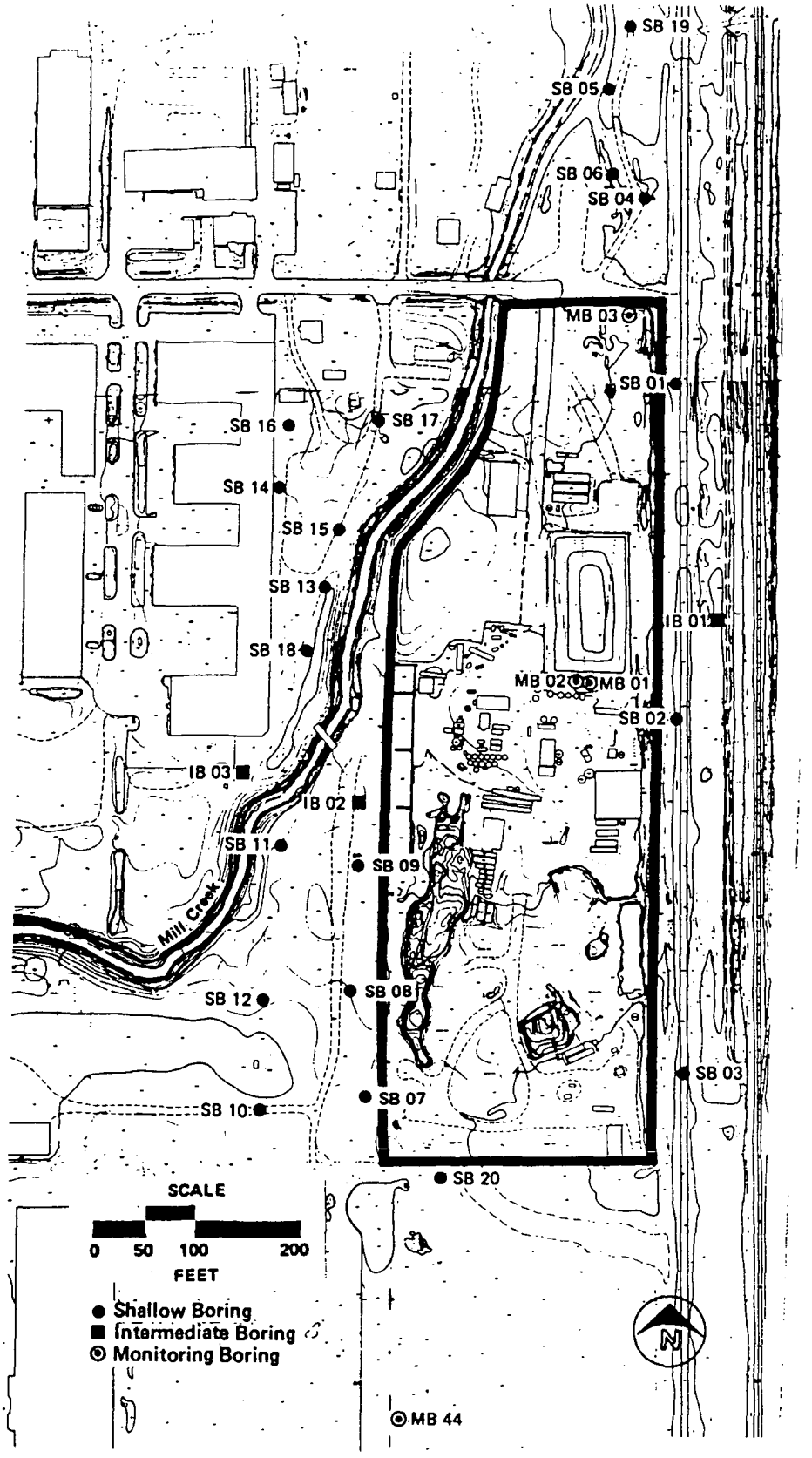

Figure 2
BORING LOCATIONS
WESTERN PROCESSING
Kent, Washington

EB0075

The PVC screen and casing were joined with flush threaded joints. Solvents were not used. The well screens were sand packed as the temporary steel casing was pulled back. After the sand pack was installed to about 5 feet above the top of the screen a 2- to 3-foot bentonite layer was pumped in as a thick slurry. The remaining annular space between the PVC and steel casing was filled with a cement/bentonite grout pumped into the annulus through a drop pipe extending to the top of the bentonite layer. Grouting was continued as the remainder of the steel casing was withdrawn to ensure that the entire annular space was sealed.

A 6-inch-diameter, protective steel casing with locking cap was placed over the PVC casing and pushed 2 to 3 feet into the grout. MB-01 and MB-02 were developed by blowing compressed air through an airline lowered into the sump below the well screen. Development was determined to be complete when the return water became visibly less turbid. Development water was collected in drums. An electric submersible pump with a polyethylene discharge pipe was installed in each well. Well construction details and a representative well head are illustrated in Figures 3, 4, and 5.

A multiple-port (MP) well manufactured by Westbay Corporation of North Vancouver, British Columbia, was installed by Westbay representatives in MB-03. The MP system was chosen because it allows vertical gradients to be detected by measuring the potentiometric head at several depths in the same well. While it is theoretically possible to determine vertical variation in groundwater quality by sampling through ports located at various depths, because of low soil permeability at the MB-03 site it was difficult to adequately purge each port to draw a chemically representative groundwater sample. MB-03 is, therefore, of limited use in chemically profiling groundwater contamination. The primary benefit of this monitoring well's multiport system is to measure the vertical groundwater gradient.

MB-03 was installed by placing the multiple-port system inside the temporary steel casing and withdrawing the steel casing in several stages. The hole was selectively backfilled with alternating layers of coarse sand and a 2- to 3-foot-thick layer of bentonite pellets because it is important that each port be in hydraulic connection with a small, well defined section of the aquifer. This layering allowed each port to be sand packed, yet isolated from neighboring ports by bentonite. The Westbay MP well was developed by bailing from the drop pipe with only one port opened and with the water level in the pipe below the port opening. Construction details of the MP well are shown in Figure 6. Well head details are similar to those shown in Figure 5.

GEOLOGIC LOG

Ground elevation = 25.45 feet

Brown silty SAND. Sand fine, loose.

Brown silty SAND. Sand fine. Cohesive.

Blackish-brown SAND with interlayered silt and clay. Sand fine to medium.

Dark gray silty SAND. Sand fine to medium.

Dark gray SAND with trace silt. Sand fine to medium.

Gray fine to medium SAND.

Gray silty SAND. Sand fine to medium.

Total depth 100 feet.

6-22-84

WELL CONSTRUCTION

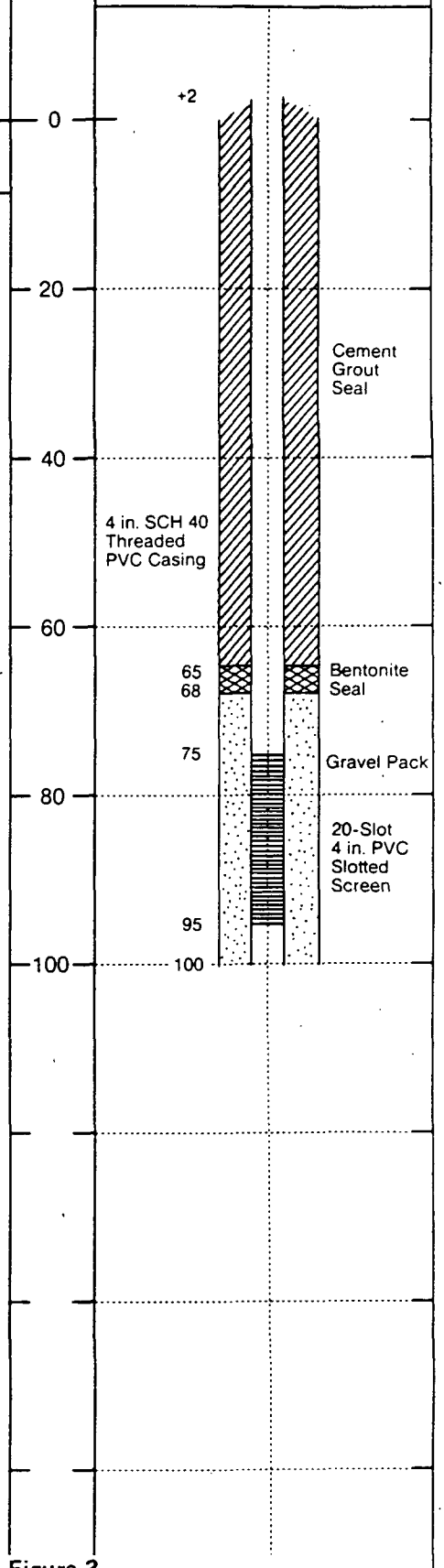

Figure 3
MB-01 GEOLOGIC LOG AND WELL CONSTRUCTION DETAILS

WESTERN PROCESSING
Kent, Washington

EB0077

GEOLOGIC LOG

Ground elevation = 25.42 feet

Gray brown clayey sandy SILT. Sand fine.

Brown silty SAND, sand fine.

Gray silty SAND. Sand fine to medium.

Gray SAND with trace silt. Sand medium. Occasional wood fragments.

Total depth 60 feet.

6-22-84

0
20
40
60

WELL CONSTRUCTION

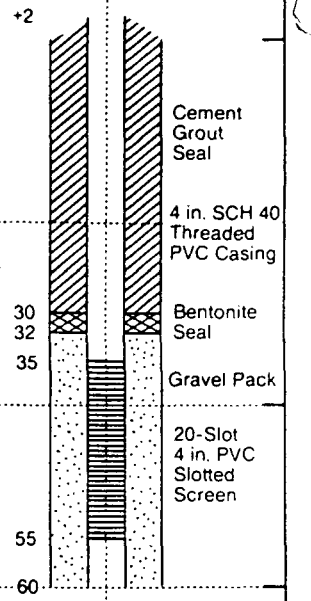

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Figure 4
MB-02 GEOLOGIC LOG AND WELL CONSTRUCTION DETAILS

WESTERN PROCESSING
Kent, Washington

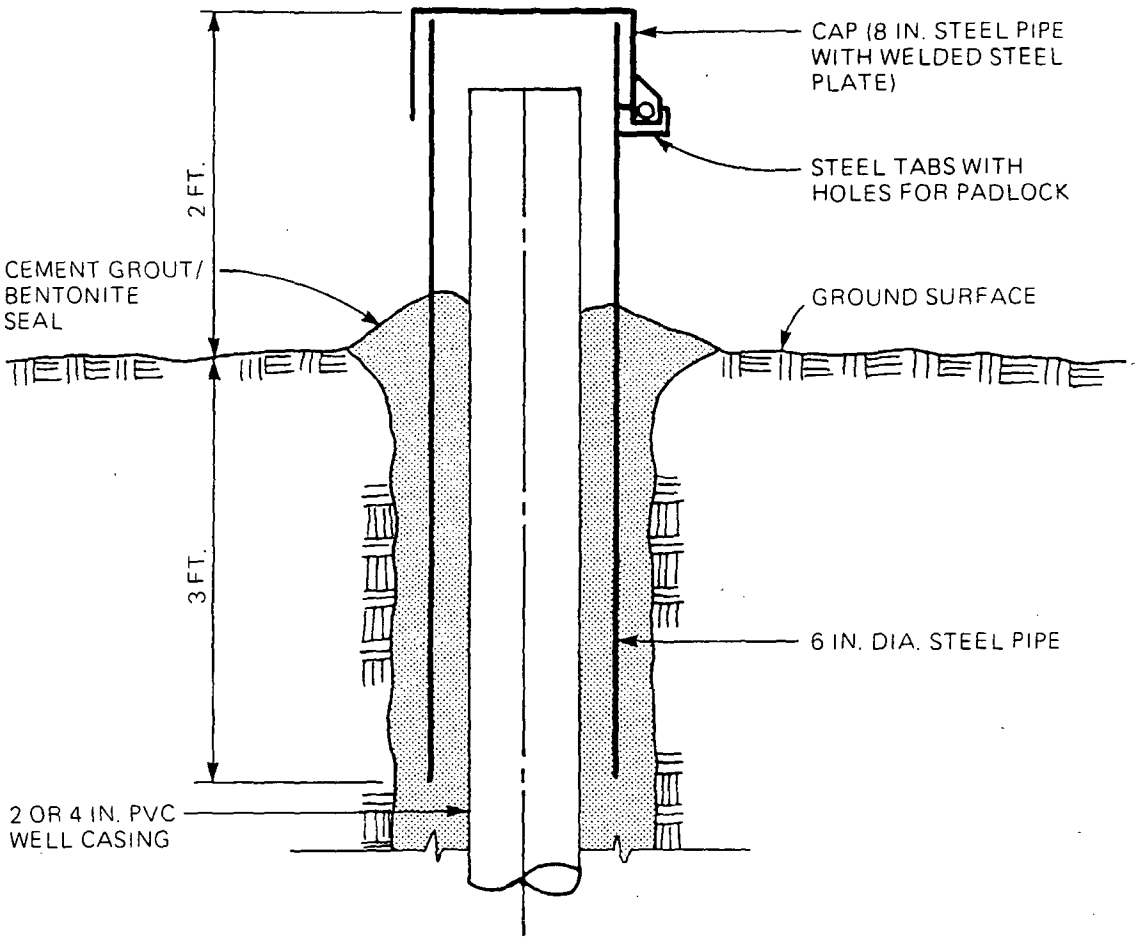


Figure 5
REPRESENTATIVE WELL HEAD CONSTRUCTION

WESTERN PROCESSING
Kent, Washington

EB0079

GEOLOGIC LOG

Ground elevation 25.17 feet

Brown sandy SILT with some angular gravel. Sand fine to medium. Soil stained near surface.

Grayish brown clayey SILT with black cinders.

Grayish brown clayey SILT with some fine sand.

Gray silty SAND, fine to medium. Some wood fragments.

Gray medium SAND with some wood fragments.

Gray silty medium SAND.

Gray silty SAND. Sand fine to medium.

Gray silty SAND, sand fine to medium. Varying amounts of wood fragments.

Total depth 100 feet.

EXPLANATION:

Pumping Port Coupling

Measurement Port Coupling

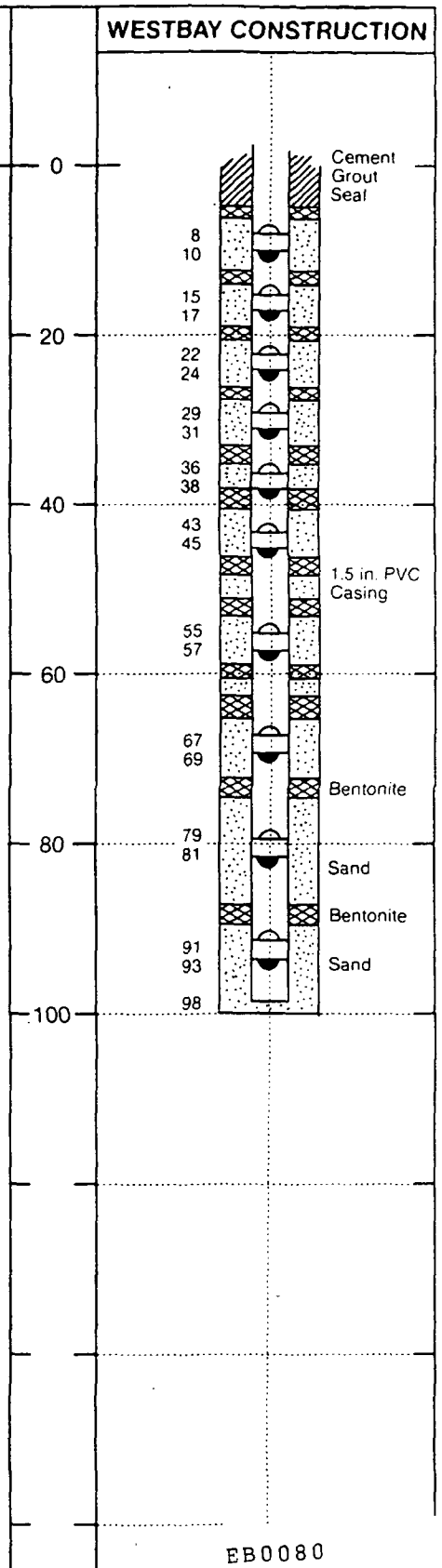


Figure 6
MB-03 GEOLOGIC LOG AND WESTBAY CONSTRUCTION

OFFSITE SOIL BORINGS

Twenty shallow soil borings (generally 30 feet deep) and three intermediate soil borings (generally 60 feet deep) were drilled in the immediate site vicinity by Subterranean, Inc., of Sumner, Washington. All soil borings were drilled with a 4-inch (I.D.) hollow stem auger and sampled with a 3-inch-diameter Dames and Moore split spoon sampler. Soil samples were collected at five-foot intervals as discussed in Chapter 3 Sampling Procedures.

The depth of the boreholes was a minimum of 29 feet for the shallow borings and 59 feet for the intermediate borings. Final depth was determined on the basis of readings from the HNU photoionizer. If organic vapors were detected at the minimum depth, drilling normally continued in 5-foot increments until they were no longer detected. At selected borings, drilling was continued beyond the minimum depth regardless of HNU readings. Borings into which drilling depth was increased beyond plan were selected upon evaluating contamination data issued by the close support laboratory from adjacent borings. This provided an additional check for contamination at greater depths.

All boreholes were sealed by pumping a cement/bentonite grout mixture through a drop pipe extending to the bottom of the auger. Grouting continued as the auger was withdrawn in 5-foot sections and each borehole was topped off with grout after removing the bottom auger.

Detailed geologic logs of all soil borings are presented in Appendix B.

DEEP STRATIGRAPHIC BORING

The deep stratigraphic boring was drilled using the cable tool method. A 12-inch-diameter temporary steel surface casing was driven to a depth of 20 feet, and an 8-inch-diameter steel casing with welded joints was used for drilling to the final depth. Cuttings were removed from the hole with a sand pump bailer.

A hydrogeologist logged information about the hole on the basis of intermittent observations, inspection of bailed cuttings, and consultation with the driller concerning drilling rates, heaving tendency, and water flow into the bottom of the casing. Representative samples of bailed cuttings were placed in labeled plastic bags for future reference. In addition, samples were collected in 8-ounce glass jars with Teflon-lined caps for analysis of background metal concentrations at the close-support laboratory. Samples for laboratory analysis were taken at 10-foot intervals to a depth of 100 feet, and 50-foot intervals to the final depth

of 365 feet. The geologic log for DB-01 is illustrated in Figure 7.

After drilling to the final depth, DB-01 was backfilled to the deepest sandy zone encountered during drilling, approximately 155 feet. A well was installed at that depth. The hole was backfilled with 50-foot layers of coarse sand separated by 2- to 3-foot-thick layers of bentonite. The bentonite was placed by mixing water and bentonite to a putty-like consistency and dropping balls of bentonite putty into the borehole. After settling, the bentonite balls were spread into layers by lightly tamping with the drill stem.

The well was installed by inserting a 10-foot-long, 6-inch-diameter (pipe size), wire-wrapped stainless steel well screen and pulling the 8-inch casing back to expose the screen. The screen was sealed with a neoprene Figure K packer. The 12-inch-diameter surface casing was withdrawn and the annulus grouted with a cement/bentonite slurry. A locking cap was installed on the well. Construction details are illustrated in Figure 7.

The deep offsite well was developed by surging and bailing approximately 850 gallons from the well. Turbidity decreased markedly while bailing.

SHALLOW PIEZOMETERS

Eight shallow piezometers were installed at distances up to 1/3 mile from Western Processing. The piezometers were drilled with a cable-tool rig driving an 8-inch-diameter temporary steel casing with welded joints.

The final depth of the piezometer borings was 5 to 10 feet below the observed or expected water table. After drilling was completed, 2-inch, Schedule 40, PVC-slotted piezometer screen and casing were placed inside the temporary steel casing. The screens were sand packed and the wells grouted in essentially the same manner as outlined for the monitoring wells, except that a one-foot layer of finer sand was placed between the coarse sand pack and the cement/bentonite grout to prevent the grout from invading the sand pack. Table 1 summarizes construction data for the piezometers. A representative piezometer is illustrated in Figure 8. The well head illustrated in that figure is representative of all the piezometer well heads except PB-03, which was completed at the ground surface with a locking steel cap inside a plastic water meter vault. Piezometer soil borings were not logged because the borings were relatively shallow (16 to 18 feet).

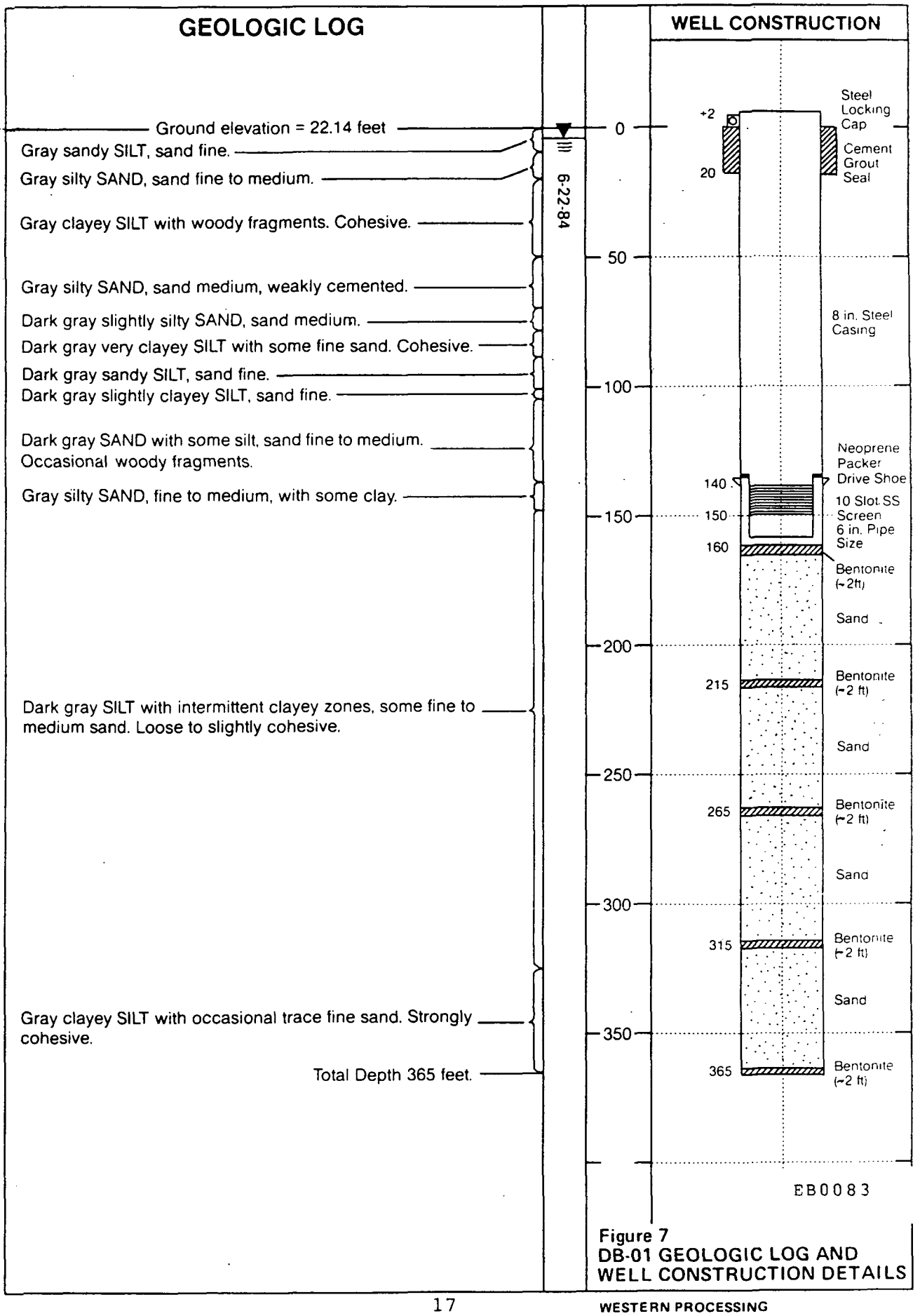


Figure 7
DB-01 GEOLOGIC LOG AND WELL CONSTRUCTION DETAILS

WESTERN PROCESSING
Kent, Washington

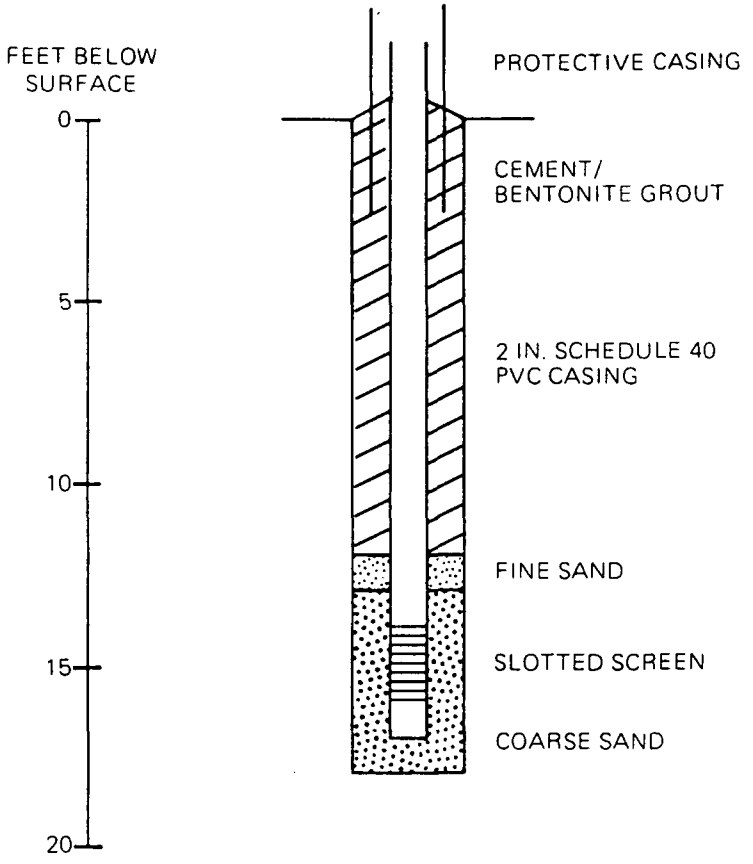


Figure 8
REPRESENTATIVE PIEZOMETER CONSTRUCTION
WESTERN PROCESSING
Kent, Washington

EB0084

Table 1
PIEZOMETER CONSTRUCTION DATA

Piezometer Number	Borehole Depth[a]	Screened Interval[a]
PB-01	18	14-16
PB-02	18	14-16
PB-03	18	14-16
PB-04	18	14-16
PB-05	17	13-15
PB-06[b]	16	12-14
PB-07	16	12-14
PB-08	18	14-16

[a]Feet below ground surface.

[b]Piezometer PB-06 has since been abandoned by EPA and sealed with grout.

An attempt was made to develop the piezometers by blowing compressed air through an air line lowered into the sump below the screen. Due to the low yield of the piezometers, however, development primarily consisted of bailing the sump of all sediments and then blowing one to three slugs of water out of the piezometers.

LOCAL HYDROGEOLOGY

LOCAL STRATIGRAPHY

Deposits underlying Western Processing exhibit complex small-scale stratigraphy. Sediments are generally fine-grained sands, silts, and clays. Silty sands and sandy silts are the most commonly encountered sediments. Sand grains in the area typically show three dominant colors: black, white, and reddish brown.

The five cross sections indicated in Figure 9 were determined on the basis of the boring logs presented in Appendix B. The cross sections are presented as Figures 10 through 14. Additional borings have been drilled at the site that have not been used in completing these cross sections. These boring logs will be reviewed and included in the feasibility study at a later data.

Portions of the site have been filled with a variety of materials. Battery fragments were reported by Wolf et al. (1982) to occur at depths of up to 24 feet below ground surface at well 22B, and black cinders were found at 15 feet

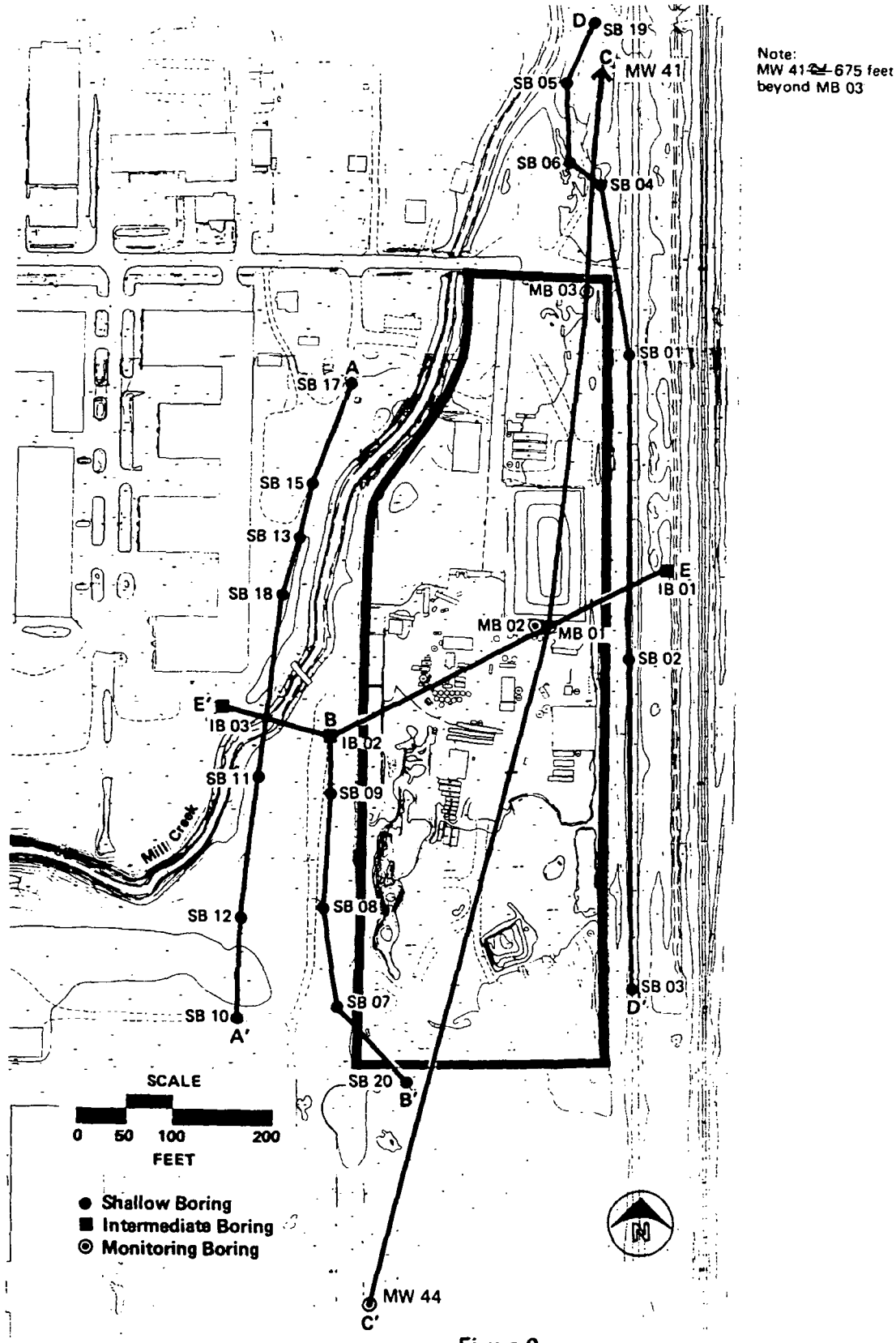
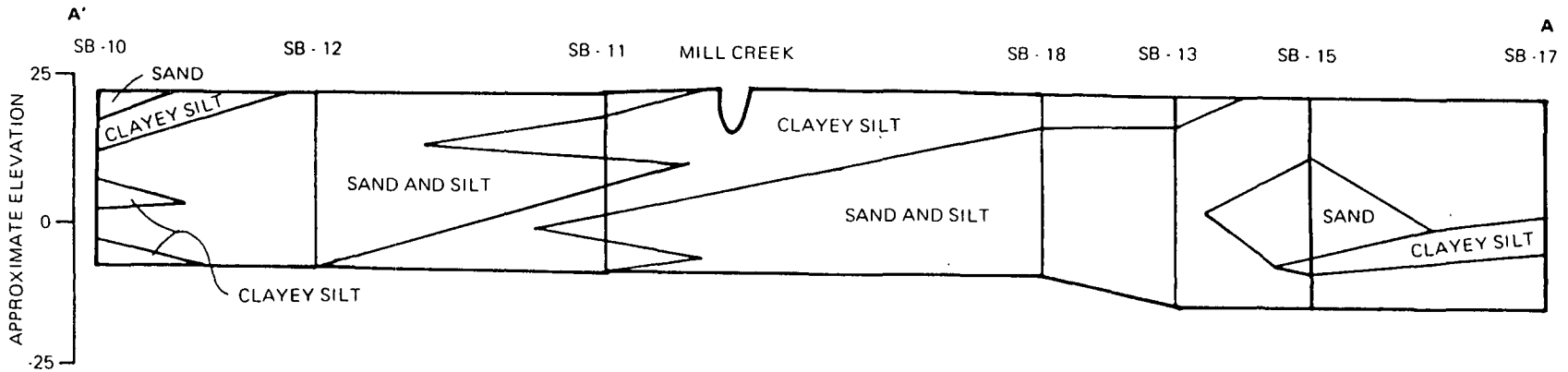


Figure 9
LOCATIONS OF CROSS SECTIONS

WESTERN PROCESSING
Kent, Washington

EB0086



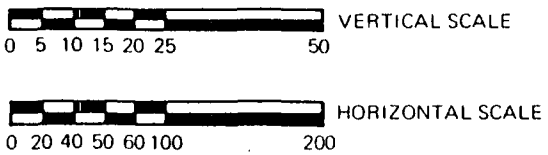


Figure 10
GENERALIZED CROSS SECTION A-A'
WESTERN PROCESSING
Kent, Washington

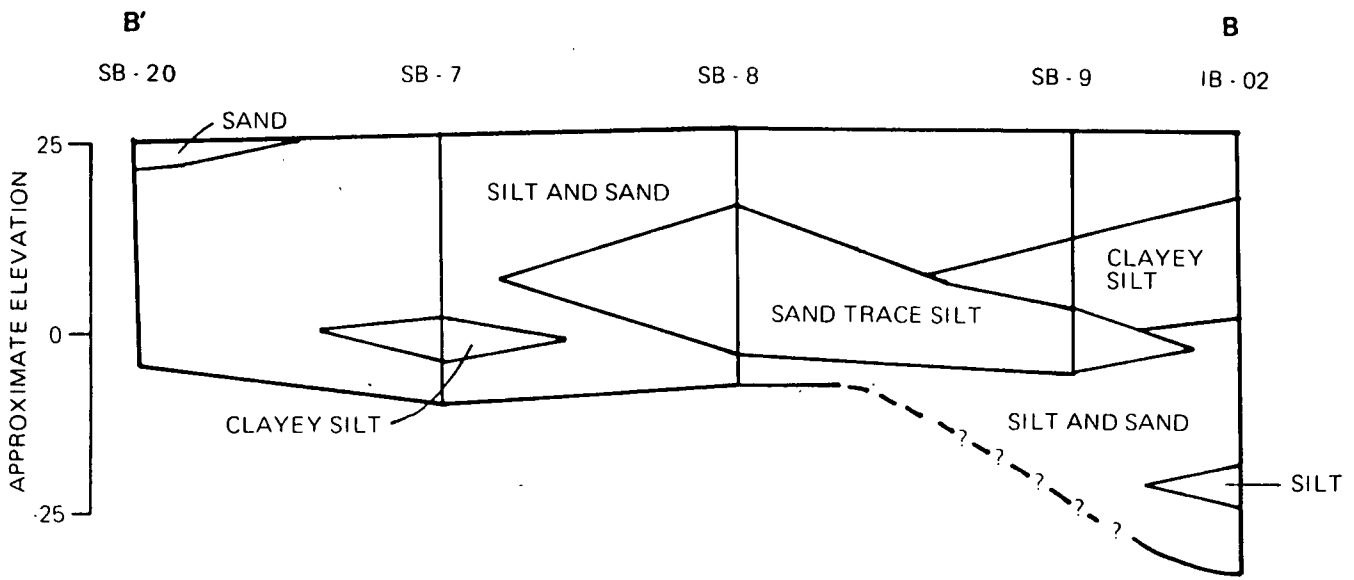


Figure 11
GENERALIZED CROSS SECTION B-B'
WESTERN PROCESSING
Kent, Washington

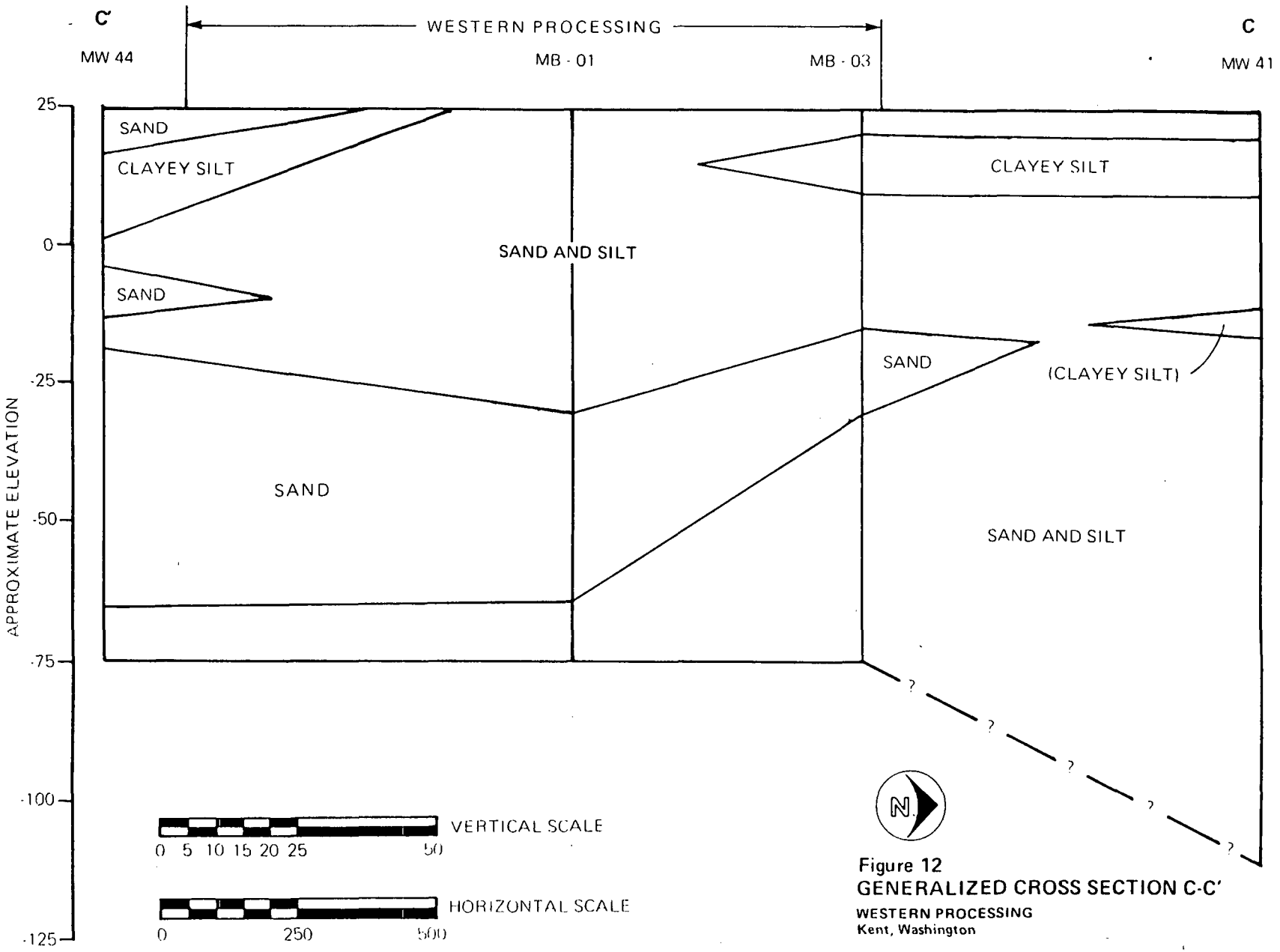
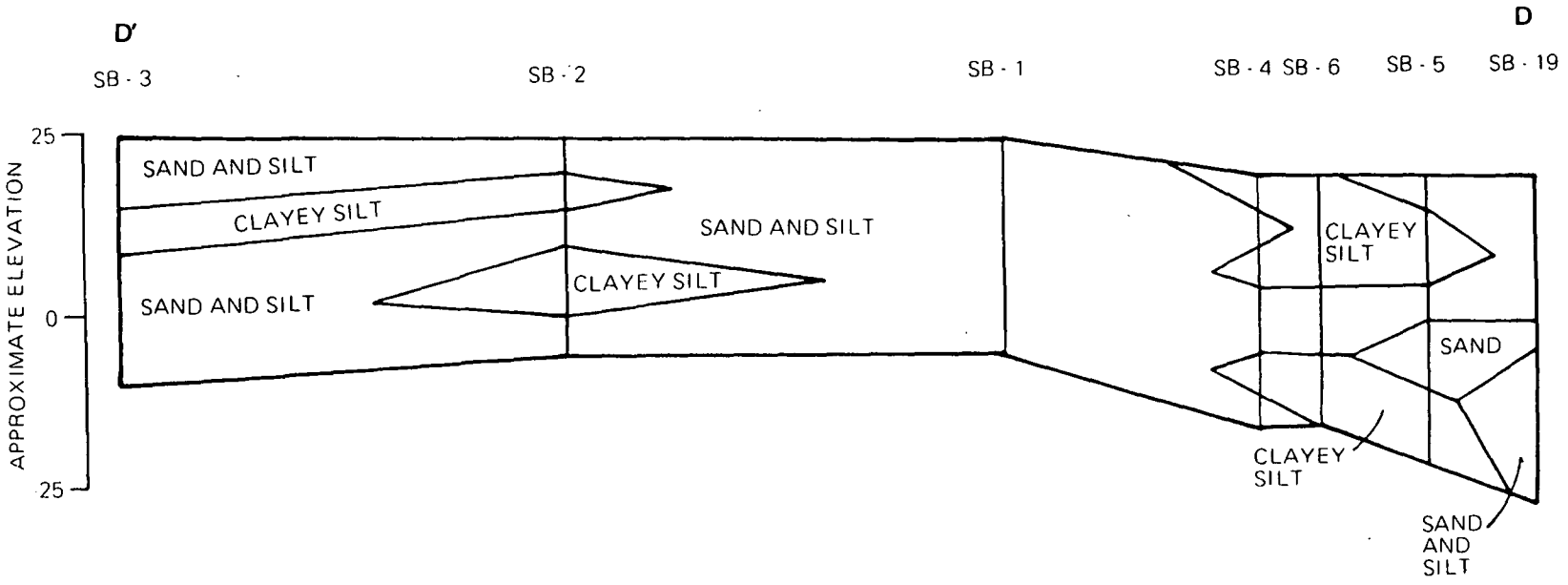


Figure 12
GENERALIZED CROSS SECTION C-C'
WESTERN PROCESSING
Kent, Washington

EB0089



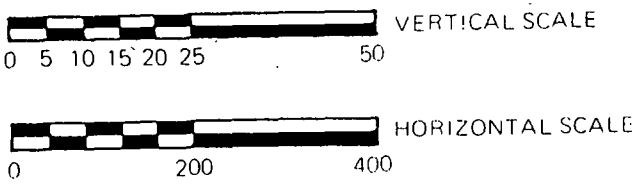
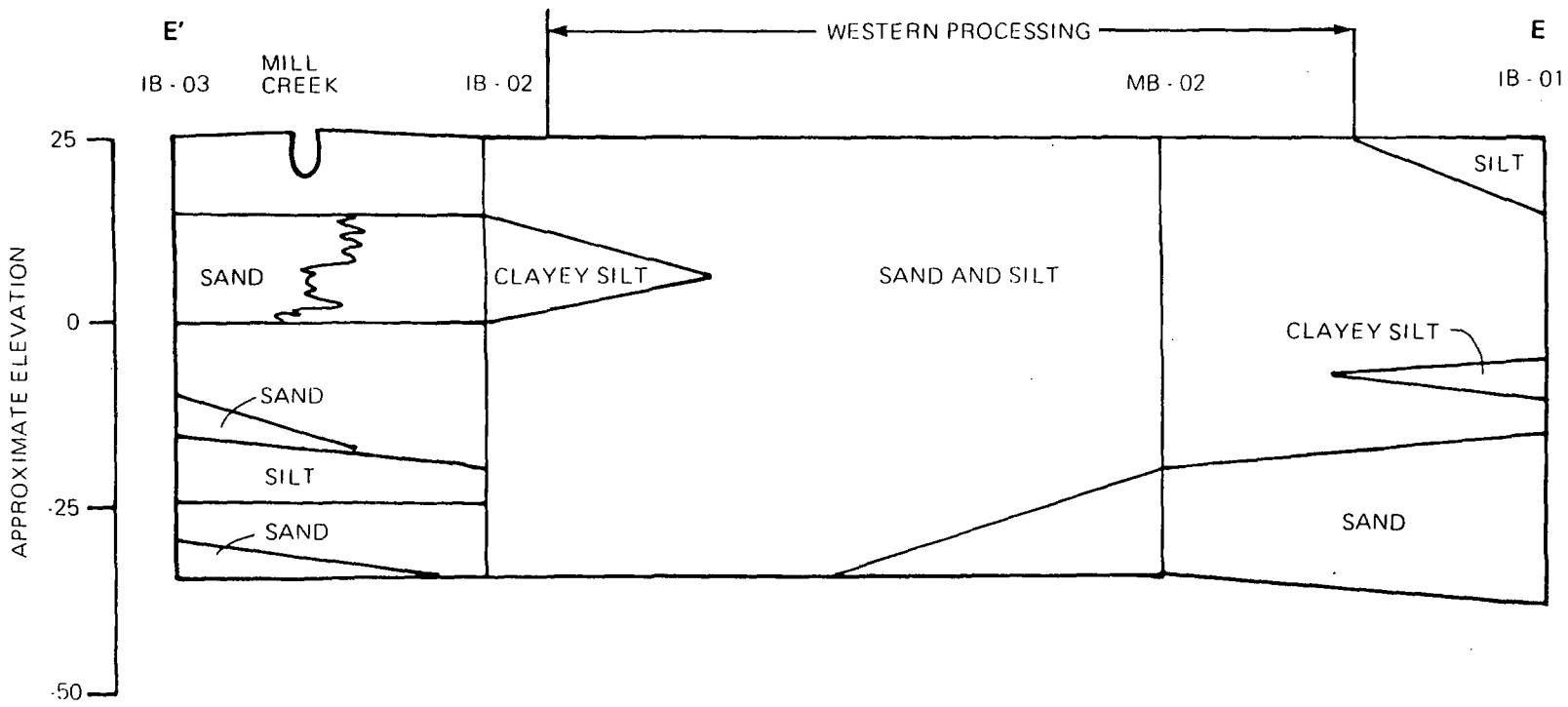


Figure 13
GENERALIZED CROSS SECTION D-D'
WESTERN PROCESSING
Kent, Washington

EB0090



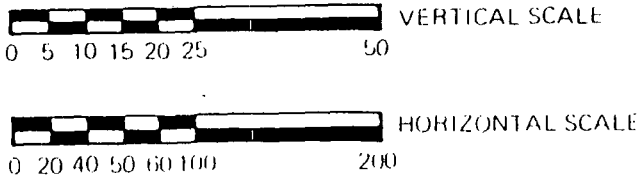


Figure 14
GENERALIZED CROSS SECTION E-E'
WESTERN PROCESSING
Kent, Washington

while drilling MB-03 during this investigation. Depth of fill is highly variable, however, and was absent from MB-01 and MB-02.

A clayey silt layer ranging from one to 15 feet in thickness underlies much of the site but is locally discontinuous. This layer is apparently most widespread in the northern part of the site at a depth of 5 to 15 feet.

A medium-grained sand layer ranging in thickness from 5 to 50 feet was encountered at roughly the 40- to 100-foot depth in some deeper boreholes. This layer was found to be extensive in wells drilled during the Interim Offsite Remedial Investigation, which had ten wells drilled 40 to 100 feet deep in an approximately 1,000-foot radius around the Western Processing site (see Chapter 4). This sand layer may be relatively continuous because of its thickness (CH2M HILL, 1983).

The deep stratigraphic boring (DB-01) encountered a 25-foot-thick sandy zone at a depth of 50 to 75 feet. This zone may be continuous with the sandy zone described above, but it is considerably siltier. Another major sandy zone was found at 110 to 150 feet below the surface. This zone is bounded on both sides by relatively impermeable clayey silts. The thickness of the lower clayey silt is undetermined, but it is known to extend to a minimum depth of 365 feet.

Of particular interest in drilling the deep boring was to find out if a productive artesian aquifer tapped by wells located near both the east and west valley margins was a single continuous aquifer across the valley. This confined aquifer was not penetrated by the deep boring.

Drilling in the deep boring was discontinued at 365 feet because it was felt that, in this location, if the artesian aquifer or some other nonartesian aquifer were located at greater depth, it was well protected from downward contaminant migration by the extensive clayey silt layer encountered from 150 feet on.

The presence of fine interlayered sands and silts in the site vicinity, each of which may be only an inch thick, were found in several boreholes both within the site and adjacent to the site during this study and in previous investigations. It seems unlikely that layers as thin as these could be continuous in an area as complex as the study area, but their frequent occurrence suggests that these interlayers persist over a relatively wide area. Moreover, it is possible that interlayering may have been overlooked in some boreholes because individual layers are so thin.

LOCAL OCCURRENCE AND MOVEMENT OF GROUNDWATER

Groundwater in the Western Processing vicinity generally occurs at depths of less than ten feet. The elevation of the water surface in wells constructed during this investigation is presented in Table 2. Elevation data for all borings are listed in Appendix C.

These elevations are based on a U.S. Coast and Geodetic Survey brass standard disk (C407 Reset 1968, elev. 25.75) located near the intersection of 68th Avenue South and South 204th Street, and a City of Kent benchmark (BM 56-5-3, elev. 24.55) located on a fire hydrant approximately 1/4 mile north of the disk.

Table 2
STATIC WATER LEVEL DATA

Well Number	Top of Casing Elevation[a]	June 22, 1984 Depth to Water	June 22, 1984 Water Elevation
MB-01	27.27	10.67	16.60
MB-02	27.23	10.48	16.75
DB-01	23.95	5.51	18.44
PB-01	26.56	9.66	16.90
PB-02	23.47	10.62	12.85
PB-03	23.19	9.71	13.48
PB-04	28.15	12.44	15.71
PB-05	23.79	10.55	13.24
PB-06	25.77	8.58	17.19
PB-07	24.77	6.47	18.30
PB-08	27.08	8.10	18.98

[a]Elevation in feet above mean sea level at top of PVC casing; DB-01, elevation at top of steel casing.

Piezometer water elevations support data from previous investigations that the general groundwater flow direction is north-northwest. Local groundwater flow is influenced by the presence of a groundwater mound near the center of the site.

The groundwater mound has a downward vertical gradient. Water level data for MB-01 and MB-02 indicate a downward gradient between 60 and 68 feet of approximately 0.02 foot per foot for the mound near the center of Western Processing. Pressure measurements on the Westbay MP system (MB-03)

suggest a strong downward gradient to a depth of approximately 20 feet, with a much smaller but consistent upward gradient occurring from 20 to 85 feet. This trend is illustrated in Figure 15. Pressure differences between the lowest two ports indicate a slight downward gradient, but the difference is very small and may not reflect steady state conditions. The predominantly upward gradient occurring at depth supports the generally accepted concept that the Duwamish Valley is a regional groundwater discharge area.

While drilling monitoring well 19 (see Chapter 4), confined groundwater was encountered by Wolf et al. (1982) at a depth of approximately 8 feet. Water was reported to be flowing at the surface for a short time after penetrating a 2-foot-thick clay layer, but the excess head quickly dissipated and flow ceased. Confined groundwater under sufficient pressure to flow at the surface was not found in any borehole during this investigation.

The absence of confined groundwater under significant pressure in the deep boring is notable because it indicates that the artesian aquifer tapped near the valley margins may not be present beneath the center of the valley. If it is present, it occurs at depths greater than 365 feet below the valley floor and is separated from shallower aquifers by a layer of clayey silt at least 200 feet thick.

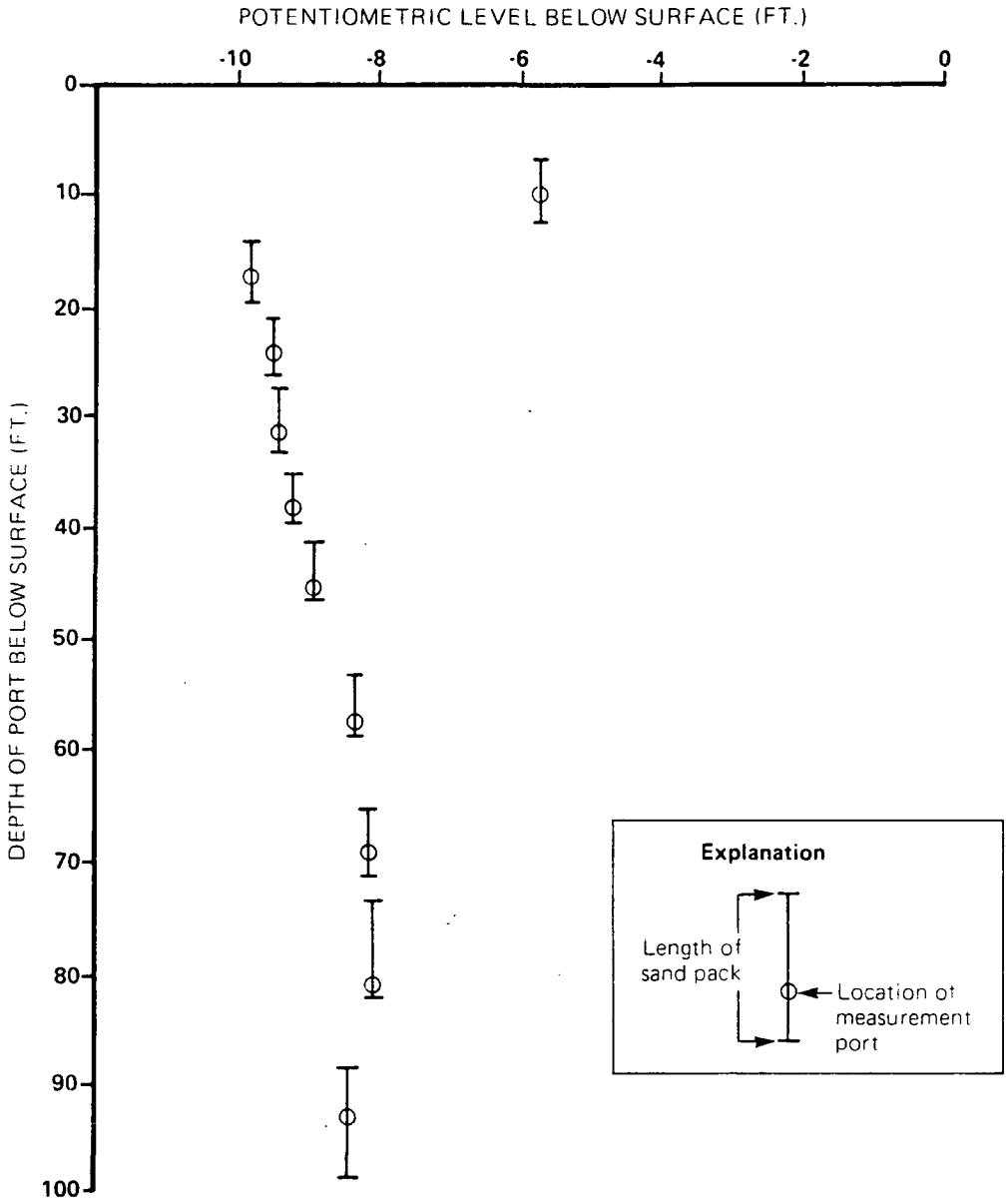


Figure 15
MB-03 WATER PRESSURE MEASUREMENTS WESTBAY MP SYSTEM, JUNE 7, 1984

WESTERN PROCESSING
Kent, Washington

EB0095

Chapter 3
INVESTIGATION OF SOIL AND GROUNDWATER CONTAMINATION

INTRODUCTION

Investigations were conducted during the Western Processing Remedial Investigation to help identify the zone of contamination surrounding the Western Processing site. Subsurface soil and groundwater samples were collected for analysis both on and off the site. The majority of soil samples collected were from offsite borings; however, subsurface soil samples were also collected during the installation of three onsite monitoring wells. In addition, groundwater samples were collected from the three onsite wells and two other offsite wells.

Soil samples were analyzed in three ways. Samples were first submitted to the CH2M HILL close-support laboratory (CSL) for field screening. Samples suspected of containing contaminants were submitted to the EPA contract laboratory program (CLP) for more detailed analysis. Samples not sent to the CLP remaining after CSL analysis were later submitted to the EPA Region X laboratory at Manchester for reanalysis of priority pollutants.

The information presented in this chapter includes all CSL, CLP, and Manchester data available as of December 1, 1984. Additional CLP and EPA Manchester data on samples that are to be submitted for reanalysis in the future will be made available to the public by EPA upon completion of analyses. This report includes discussions of the purpose and methods of field chemical analysis at the CSL, selection of sampling locations, and the sampling procedures. No interpretation of the data is provided. Data is intended solely for reference. Interpretation will be included in the Western Processing Feasibility Study Report.

CLOSE SUPPORT LABORATORY

A CH2M HILL CSL was located adjacent to the Western Processing site to provide field analytical data for soil samples collected during the drilling operation.

The purpose of the field laboratory was threefold. Samples were processed in the CSL to provide rapid data analysis to guide the drilling program. Samples found to contain significant contamination were sent to the CLP for priority pollutant organic and inorganic analyses. The CSL data also enabled a preliminary assessment to be performed of the extent of offsite contamination prior to receipt of the detailed CLP data. Finally, an added benefit of the CSL data was to enable an evaluation of the risk to personnel throughout the drilling and sampling operation.

Samples submitted to the CSL were analyzed for selected inorganic and organic contaminants found at the site during previous investigations. The presence or absence of the compounds was used as an indication of the presence of off-site contamination. Inorganic indicators included lead, zinc, total chromium, nickel, and cadmium. Organic indicators included methylene chloride, trichloroethylene, tetrachloroethylene, phenol, and bis(2-ethyl hexyl) phthalate. Method detection limits for each compound are provided on Table 3.

Table 3
CLOSE SUPPORT LABORATORY SOIL SAMPLE ANALYSES
METHOD DETECTION LIMITS

Category	Parameter	Method Detection Limit (µg/g wet weight)
Organics	Methylene chloride	1.5[a]
	Trichloroethylene	0.25
	Tetrachloroethylene	0.25
	Phenol	1.5
	Bis(2-ethyl hexyl) phthalate	0.25
Inorganics	Lead	2.5
	Zinc	1.0
	Total Chromium	0.3
	Nickel	0.6
	Cadmium	0.1

[a]Methylene chloride contamination was identified in the solvent used to extract the organics. Methylene chloride data were invalidated for this reason.

Soil samples were screened for organic constituents on a Hewlett-Packard model 5880A dual column, dual flame ionization gas chromatograph with an electronic integrator. The analytical procedure used for methylene chloride, trichloroethylene, and tetrachloroethylene was based on EPA Test Method 8010 (Halogenated Volatile Organics) and 3550 (Sonication Extraction). The analytical method used for phenol and bis (2-ethyl hexyl) phthalate was based on EPA Test Method 8040 (Phenols) and 8060 (Phthalate esters).

Organic samples were processed using a modified column isolation technique where one column was used to separate the volatiles (trichloroethylene, tetrachloroethylene, and methylene chloride) and the second column separated the

semi-volatiles (phenol and bis (2-ethylhexyl) phthalate). Detector output was automatically switched between columns to record the chromatographic output.

Soil samples were screened for metals on a Perkin Elmer model 303 atomic absorption system having a strip chart recorder. The analytical procedure used was based on EPA Test Method 3010 (Acid Digestion Procedure for Flame Atomic Absorption Spectroscopy), 7190 (chromium), 7520 (nickel), 7950 (zinc), 7420 (lead), and 7130 (cadmium).

Detailed analytical procedures used by the CSL for organic and inorganic testing are provided in the CH2M HILL Quality Assurance Project Plan for the Western Processing Remedial Investigation, May 1984 and are reprinted in Appendix D of this report.

Screening for these indicator compounds was done because high levels of each compound were previously reported in the Investigation of Soil and Water Contamination at Western Processing, King County, Washington, May 1983. Only the indicator compounds were analyzed because of limited analytical capabilities in the field laboratory.

In all, the close support laboratory performed approximately 225 organic and 275 inorganic analyses. A summary of all CSL data generated for the samples analyzed is provided in Appendix E of this report. Contaminant concentrations are reported on a wet weight basis.

SAMPLE NUMBERING

The sample designations used incorporated type of boring, sequence of boring hole, and depth of sample taken (in feet). Western Processing samples were further identified for the laboratory by beginning each sample number with the initials WP. The following list contains sample designations used:

SB = offsite shallow boring
IB = offsite intermediate boring
DB = deep stratigraphic boring
MB = monitoring boring
PB = piezometer boring

A typical sample number might be WP-SB-02-04 meaning Western Processing second shallow boring hole sample taken at 4 feet below surface. Samples further designated with A or B are replicates of a single sample.

SAMPLING LOCATIONS

Offsite shallow boring (SB) and intermediate boring (IB) locations were based on areas of suspected contamination and

possible migration routes. Monitoring borings (MB) were drilled onsite to investigate the extent of vertical contamination of soils on the site. Drilling locations were flexible and some drilling sites were determined at the time of drilling using data provided by the CSL. The boring locations are shown in Figure 2 in Chapter 2 and on Plate 2. Below is a brief description of the chosen drill sites.

SB-01, SB-02, and SB-03 were located along the eastern border of Western Processing. These drill sites were selected to evaluate possible eastward contamination migration that might affect an oil pipeline and bicycle route. One reason to suspect eastward contamination migration is the presence of two groundwater mounds on the site, identified during previous site investigations and verified with groundwater elevations and pressure measurements during this RI (see Chapter 2).

SB-04, SB-06, SB-05, and SB-19 are sampling sites located progressively north of Western Processing. This area is downgradient along a surface and groundwater migration route for contaminants.

SB-07, SB-08, SB-09, SB-10, SB-11, and SB-12 are located west of Western Processing and south of Mill Creek on property owned by Standard Equipment, Inc. This area may have received surface spills from overflows of wastes stored in onsite storage ponds. Subsurface contaminant migration toward this area is also possible.

SB-13, SB-14, SB-15, SB-16, SB-17, and SB-18 are located west of Western Processing and north of Mill Creek on property owned by Standard Equipment, Inc. The Liquid Waste Disposal Company (LIDCO) once ran a waste handling operation on this site. There is potential for contamination from this historic use of the site as well as potential from migration from Western Processing.

SB-20 is located directly south of the site to detect any potential contamination along the Standard Equipment "Railroad Spur" property.

IB-02 and IB-03 are located west of Western Processing, with IB-02 east of Mill Creek and IB-03 west of Mill Creek. IB-02 is in an area suspected of being contaminated from Western Processing because of local elevation and adjacent onsite treatment ponds. IB-03 was drilled subsequent to the finding of contaminants in IB-02 by the CSL to determine if Mill Creek created a barrier to contamination migration.

MB-01, MB-02, and MB-03 are located in the northern half of the Western Processing site. These deep wells were installed

to look for deep onsite soil and groundwater contamination and to serve as long-term wells to monitor site cleanup activities.

SAMPLING PROCEDURES

Subsurface soil samples were collected at 5-foot intervals to the completion of boring at all locations using a split-spoon sampler as described in Chapter 2. Split-spoon cores were blended in a stainless steel bowl to provide as many as four equivalent samples and submitted to the CSL, the EPA contract laboratory program, and properly owners requesting split samples for analysis. Detailed sampling procedures are provided in the CH2M HILL Quality Assurance Project Plan for the Western Processing Remedial Investigation, May 1984.

SAMPLE STORAGE

Jarred samples were transported from the drill rig to refrigerated storage upon completion of each boring. Samples were stored at 4 degrees C. Those designated for analysis at an EPA contract laboratory were kept in storage until shipment. Others designated for analysis at the CSL were removed as needed. Sample soils remaining after analysis were returned to the refrigerator for storage. Samples that were not analyzed, shipped, or those returned following analysis at the CSL remain in storage at this time and will be retained until it is determined unnecessary to continue to store them.

CONTRACT LABORATORY DATA REPORTS

Quality assured contract laboratory (CLP) data are summarized in Appendix F for inorganics and Appendix G for organics. Tentatively identified compounds (TICs) analyzed by the CLP are included in Appendix I.

DATA LIMITATIONS

CLOSE SUPPORT LABORATORY

Initially, the CSL attempted to analyze all submitted soil samples. However, as the drilling operation progressed, samples were often generated too fast for field analyses to be completed within an acceptable time period. Consequently, only those samples considered to be important by the field engineer to guide the drilling program were analyzed. Other samples were not analyzed at the CSL because of suspected high organic contamination. Chemists in the CSL found that samples having high levels of contamination caused unexpected equipment downtime. Rather than risk costly delays, samples suspected of high organics were not processed by the CSL but

were shipped to the CLP along with all other samples without prior analysis. Samples that were not processed were placed in refrigerated storage, as discussed above.

Because offsite soil samples revealed relatively low cadmium concentrations, cadmium analysis was eliminated midway through the investigation to allow laboratory staff and resources to concentrate on the remaining analyses. Methylene chloride results were disregarded after close support laboratory quality control checks revealed methylene chloride contamination in the solvent used for organic extraction.

CONTRACT LABORATORY PROGRAM

Quality assured contract laboratory data were found to contain higher than expected organic detection limits. This is because during a preliminary screening step high concentrations of unknown organics were found in the atomic mass range associated with priority pollutants and the samples were subsequently diluted prior to GEMS analysis. In order to maximize the usefulness of the organics data package, selected samples remaining in storage were removed and submitted for additional analysis to the EPA laboratory in Manchester, Washington. For the most part, these samples consisted of sealed 8-ounce jars of soil remaining after completion of analysis at the close support laboratory. These data, as of December 1, 1984, are included in Appendix H.

BACKGROUND CONCENTRATION OF INORGANICS IN SOILS

Background soil samples were collected to enable a comparison of subsurface metal concentrations near the site to metal concentrations found in soils from the region. Soil samples were analyzed for background inorganics from the deep boring down to a depth of 355 feet below the ground surface. In addition, seven surface soil samples (BG) were collected from vacant lots away from major transportation routes from beneath the surface grass using a stainless steel trowel. Soil samples were placed directly into decontaminated 8-ounce glass jars. These data are summarized in Table 5. For comparison purposes, world wide background metal concentrations reported in the literature are provided on Table 6.

Table 5
BACKGROUND METAL CONCENTRATIONS
IN SOIL SAMPLES FROM THE KENT VALLEY

Sample	Depth (feet)	Metal Concentration (µg/g) (wet weight)				
		Lead	Zinc	Chromium	Nickel	Cadmium
WP-DB-01	10	4.10	25.2	17.8	11.6	NT
	20	6.18	23.4	12.8	9.0	NT
	30	6.80	34.2	18.6	12.8	NT
	50	6.01	21.0	14.3	9.59	NT
	103	5.18	23.8	16.6	10.6	NT
	147	3.46	18.9	12.2	8.61	NT
	200	5.20	26.3	13.0	9.43	NT
	355	10.10	32.9	28.3	21.3	NT
WP-BG-01	0.5	12.3	41.4	22.7	13.0	2.52
-02	0.5	10.6	37.4	27.2	21.8	0.42
-03	0.5	25.6	82.5	32.7	33.1	NT
-04	0.5	14.4	39.1	17.2	14.8	NT
-05	0.5	36.6	72.4	21.2	16.8	NT
-06	0.5	13.1	41.4	23.8	25.4	NT
-07	0.5	51.7	57.3	21.9	19.0	NT

Note: Analysis by the CH2M HILL close support laboratory.

Table 6
ESTIMATED WORLDWIDE BACKGROUND RANGES FOR METALS

Element	Average Background Range (µg/g)
Lead	10-20
Zinc	50-100
Chromium	30-50
Nickel	25-35
Cadmium	0.5-7

Sources: Background levels for soil and rock from Brady (1974), and Beus and Grigorian (1977).

Chapter 4
SUMMARY OF ADDITIONAL SITE DATA SOURCES

INTRODUCTION

Considerable data regarding the nature and extent of contamination at the Western Processing site and its vicinity are available in numerous sources other than this RI report. The purpose of this chapter is to advise the reader of these data sources, their availability, and to provide the chronology of events associated with these reports (Figure 16). Several smaller documents and data not easily obtainable have been reprinted in the appendixes of this report. Other documents are available through the EPA, as discussed in the text. Still other data may be available from interested local parties such as neighboring property owners who had samples analyzed on their own.

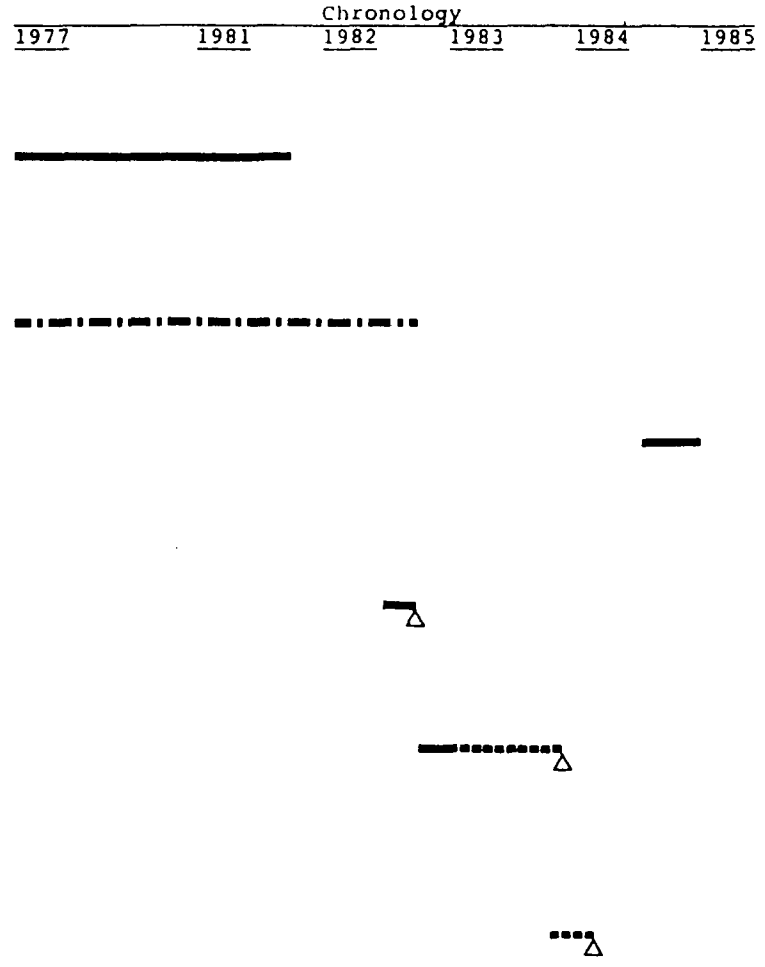
The referenced reports have been divided into two categories: Soil, Groundwater, and Surface Water Contamination Data; and Hydrogeologic Data. All sampling locations associated with these data are presented in Plates 1, 2, and 3. (Plates 1, 2, and 3 are located in a pocket at the end of this document, as issued December 12, 1984, and subject to revision.) Plate 1 summarizes all surface soil, surface water, and sediment sampling locations. Plate 2 identifies the locations of all groundwater monitoring wells installed to date, and Plate 3 shows all subsurface soil sampling locations including those from the 1984 remedial investigation.

SOIL, GROUNDWATER, AND SURFACE WATER CONTAMINATION DATA

1. Municipality of Metropolitan Seattle (Metro). RAMIX II Data Base System. Surface Water Quality Data Collected Along Mill Creek. (unpublished) 1977 to 1981. (Appendix J)

   Water quality data were collected on Mill Creek downstream from Western Processing at South 196th Street, Kent (Metro Station E317), from September 1977 to June 1981. Analyses included standard water quality monitoring variables such as temperature, dissolved oxygen, fecal coliform, pH, and selected metals. Mill Creek, upstream of Western Processing (Metro Station X317), was sampled twice in June 1981 and analyzed for metals. A comparison of metal results from upstream and downstream

Document or Unpublished Data	Sampling Location
Soil, Groundwater, and Surface Water Contamination Data	
1. Municipality of Metropolitan Seattle (Metro). Ramix II Data Base System. Surface Water Quality Data Collected Along Mill Creek. (unpublished) 1977 to 1981.	Mill Creek
2a. Washington State Department of Ecology. Miscellaneous Water Quality Data for Mill Creek and Vicinity. (unpublished)	Mill Creek
2b. Washington State Department of Ecology. Storett Data Base. Monthly Ambient Water Quality Sampling program, Mill Creek Sampling Sites. No. 09E090 and No. 09E070. (unpublished)	Mill Creek
3. U.S. Environmental Protection Agency, Region X. Report of Western Processing Vicinity Survey. May 20-21, 1982. Published June 1982.	Mill Creek
4. U.S. Environmental Protection Agency, Region X, Environmental Sources Division. Investigation of Soil and Water Contamination at Western Processing, King County, Washington, Parts I and II. May 1983.	Onsite
5. U.S. Environmental Protection Agency, Region X. News Release on Groundwater Contamination Data. September 26, 1983.	Offsite



Legend
- Indicates data collected but unavailable for publication in this document.
- △ Indicates date of published report.
- Indicates period of investigation activity.
- Indicates period of sample analysis and report preparation.

FIGURE 16
Chronology of Investigation Activities at the Western Processing Hazardous Waste Site
Kent, Washington
1977 to 1984

EB0104

	Document or Unpublished Data	Sampling Location	Chronology 1977	1981	1982	1983	1984	1985
6.	CH2M HILL. Interim Offsite Remedial Investigation Report. Western Processing, Kent, Washington. Prepared for EPA WA 37-0L16.0. October 1983.	Offsite						
7.	U.S. Environmental Protection Agency, Region X. Western Processing Alternatives Assessment Study, 1983 Data Report. April 1984.	Offsite						
8.	U.S. Environmental Agency, Region X, Environmental Services Division, Field Operations and Technical Support Branch. Water Quality Data for Mill Creek Survey. (unpublished) January 1984.	Mill Creek						
9.	U.S. Environmental Protection Agency. Memorandum from Spencer A. Peterson, Hazardous Materials Assessment Team, to Bob Courson, Region X, Environmental Services Division. Preliminary Bioassay Results on Western Processing Samples Submitted to CERL. No date.	Onsite and Offsite						
10.	Miller, W., S. Peterson, J.G. Greene, and C.A. Callahan. Draft Report. Comparative Toxicology of Hazardous Waste Site Bioassessment Test Organisms. USEPA, Corvallis Environmental Research Laboratory, Corvallis, Oregon. September 1984.	Onsite and Offsite						
11.	Schmidt, C.E., R. Vandervort. Summary of the Nature and Extent of Contamination Present on Standard Equipment, Inc. Property in Kent, Washington. Radian Corporation, Sacramento, California. October 1984.	Offsite						

FIGURE 16 (CONTINUED)
Chronology of Investigation Activities at the Western Processing Hazardous Waste Site
Kent, Washington
1977 to 1984

EB0106

Document or Unpublished Data	Sampling Location	Chronology 1977	1981	1982	1983	1984	1985
Hydrogeological Data							
1. Ecology and Environment, Inc. Memorandum from Steve Tests and Katherine Lombardo to John Osborn, EPA. Installation of Four Groundwater Monitoring Wells, Western Processing Company, Kent, Washington. TDD RIO-8302-03. (DW-31 through DW-34.) June 8, 1983.	Offsite				▬△		
2. Bond, F.W., et al. Application of Groundwater Modeling Technology for Evaluation of Remedial Action Alternatives, Western Processing Site, Kent, Washington. Prepared by Battelle Project Management Division. September 1984.	NA						△
3. Hart Crowser and Associates, Inc. Final Report Hydrogeologic Assessment, Western Processing, Kent, Washington. Prepared for GCA Technology Division, Bedford, Massachusetts. EPA No. 68-01-6769. October 16, 1984.	NA					△	

Note: NA= Not applicable.

EB0105

FIGURE 16 (CONTINUED)
Chronology of Investigation Activities at the Western Processing Hazardous Waste Site
Kent, Washington
1977 to 1984

stations in June 1981 shows higher concentrations of cadmium, copper, nickel, zinc, and iron in the waters downstream of Western Processing. Metro also collected water quality data from the Black River, downstream from the confluence of Mill Creek, near Longacres Racetrack (Station 0317) from 1977 through the present. Sampling locations of E317 and X317 are shown in Plate 1.

2a. Washington State Department of Ecology. Miscellaneous Water Quality Data for Mill Creek and Vicinity. (unpublished) 1981 to 1982. (currently unavailable)

During 1981 and 1982 Washington DOE collected water quality data from Mill Creek near Western Processing. These data have been summarized and sampling locations identified as part of the surface water quality report currently being prepared by GCA, Inc., an EPA contractor. This report is expected to be available through U.S. EPA Region X library after its completion.

2b. Washington State Department of Ecology. Storett Data Base. Monthly Ambient Water Quality Sampling Program, Mill Creek Sampling Sites. No. 09E090 and No. 09E070. April 1984 to November 1984. (Appendix K)

Washington State DOE has an ongoing water quality sampling program near Western Processing upstream, on West Valley Highway, R.M. 5.8 (Station No. 09E090) and downstream, at Orillia, R.M. 4.3. (Station No. 09E070). Standard DOE water quality variables are analyzed including temperature, pH, dissolved oxygen, nutrients, as well as selected priority pollutant metals and organics. Sample site locations are shown on Plate 1.

2c. Yake, William. Washington State Department of Ecology. Personal Communication. October 24, 1984. (currently unavailable) (not shown in Figure 16)

There is an ongoing survey being conducted in Mill Creek to determine wet weather versus dry weather water quality conditions. Data collected during this study will not be available until the report is finalized. Standard DOE water quality analyses are included at five sampling stations with some overlap of data with the ongoing monthly ambient water quality monitoring program.

3. U.S. Environmental Protection Agency, Region X. Report of Western Processing Vicinity Survey. May 20-21, 1982. Published June 1982. (Appendix L)

Surface water and sediment samples were collected from locations along Mill Creek to determine existing conditions upstream, adjacent to, and downstream of the Western Processing site. Sediment samples were collected from all four sides of the property to characterize past or present drainage influences. Surface water samples were taken from standing water south of the site, as well as several points in Mill Creek and the east drainage ditch. Well point samples were taken of the interstitial groundwater directly beneath the Mill Creek stream bed at points upstream, downstream, and adjacent to Western Processing, and also in an intermittent pond area north of the site. Sampling locations are shown on Plate 1. Samples were tested for inorganic and organic priority pollutants.

4. U.S. Environmental Protection Agency, Region X, Environmental Services Division. Investigation of Soil and Water Contamination at Western Processing, King County, Washington, Parts I and II. May 1983. (available at the Kent library and U.S. EPA Region X library)

The nature and extent of onsite contamination at the Western Processing facility were investigated by the EPA between September and November 1982. A total of 30 onsite and near-offsite groundwater monitoring wells were installed. In addition, seven surface soil and another nine auger samples were collected. The locations of all monitoring wells installed are provided on Plate 2. The locations of surface soil and auger samples are provided in the above-referenced report.

Significant levels of many toxics were found in soil and groundwater samples. A total of 87 priority pollutants were identified on or near the site, 67 of them in quantifiable levels. Groundwater and soils data from offsite wells suggested contaminant migration from the site.

Groundwater elevation data were used to prepare a groundwater contour map for the site. Two groundwater mounds were identified beneath the site. A summary of the static groundwater elevations in

these and other wells currently existing near Western Processing, has been included as a later reference in this chapter.

5. U.S. Environmental Protection Agency, Region X. News Release on Groundwater Contamination Data. September 26, 1983. (available at the Kent library and U.S. EPA Regional X library).

   A news release by EPA was issued to provide the public contamination data on groundwater samples collected in the summer of 1983. These data are available at the Kent library or through the U.S. EPA Region X library.

6. CH2M HILL. Interim Offsite Remedial Investigation Report. Western Processing, Kent, Washington. Prepared for EPA WA 37-0L16.0, 100 pp. October 1983. (available at the Kent library and U.S. EPA Region X library) (see following description)

7. U.S. Environmental Protection Agency, Region X. Western Processing Alternatives Assessment Study, 1983 Data Report. April 1984. (available at the Kent library and U.S. EPA Region X library)

   An Interim Offsite Remedial Investigation was conducted by CH2M HILL in August and September 1983 in order to gather data on the nature and extent of offsite contamination. Information generated during this investigation was compiled in the two documents listed above.

   The scope of work for the Interim Offsite RI included the installation of wells and sampling of soils and groundwater at 10 offsite groundwater monitoring wells (MW-35 through 44) and the collection of 30 surface soil and sediment samples. Subsurface soil samples were collected during the monitoring well installation. Sampling locations are shown on Plates 1 and 2.

   The Interim Offsite Remedial Investigation Report contains data on the sampling protocols, sample locations, summaries of well construction, geology, OVA field results, the geologic boring logs, and OVA chromatograms and field data sheets.

   The Alternatives Assessment Study (AAS) includes the EPA contract laboratory data generated from the analysis of soil and groundwater samples taken during the construction of the monitoring wells and during the sampling of Mill Creek, offsite

ponds, and drainage ditch sediment samples. The AAS also includes water level data, pump test results, well construction details, geology information, and pH and conductivity profiles. No interpretation of the data was provided in either report.

8. U.S. Environmental Protection Agency, Region X, Environmental Services Division, Field Operations and Technical Support Branch. Water Quality Data for Mill Creek Survey. (unpublished) January 1984. (Appendix M)

   Surface water and sediment samples were collected in Mill Creek in January 1984 at the same stations tested in May 1982 to provide a comparison with past and present conditions. Samples were tested for inorganic and organic priority pollutants. Metal loadings were calculated for Mill Creek using January 1984 and May 1982 survey results. Sampling locations are shown in Plate 1.

9. U.S. Environmental Protection Agency. Memorandum from Spencer A. Peterson, Hazardous Materials Assessment Team, to Bob Courson, Region X, Environmental Services Division. Preliminary Bioassay Results on Western Processing Samples Submitted to CERL. No date. (available from the Kent library and U.S. EPA Region X library)

   Four onsite locations at Western Processing, Kent, Washington, were sampled for soil at 3-, 6-, and 9-foot depths. (Sample locations are shown in Plate 1.) Elutriates were prepared from these soil samples for bioassays using algae-growth, daphnia mobility, microbial activity, seed germination and root elongation, and earthworm response as indicators of acute environmental toxicity. Additionally, direct soil assays of each of 12 soil samples were conducted using earthworms. Test results were reported as percentages of elutriate (or soil sample) which caused 50 percent lethality. Metals and selected organic compounds were analyzed in soil from the 12 soil sampling locations as well as water from adjacent shallow wells.

   Soil elutriates from study site 17, located near the middle of the facility, were observed to have the highest toxicities. An increase in toxicity with depth was noted at this site for algae, microtox, seed germination and root elongation, and earthworm soil assays. The remaining site, study site 11, had a higher bioassay toxicity

potential than 22, which had a higher potential than 1. Overall, aquatic algae and daphnia mobility were found to be the most sensitive in these soil elutriate tests, indicating the susceptability of the aquatic ecosystem to substance from this site.

These preliminary results indicate that there are biologically available water soluble substances present in subsurface soils of the Western Processing site which cause significant adverse impacts to test organisms.

10. Miller, W., S. Peterson, J. G. Greene, and C. A. Callahan. Draft Report. Comparative Toxicology of Hazardous Waste Site Bioassessment Test Organisms. U.S. Environmental Protection Agency, Corvallis Environmental Research Laboratory, Corvallis, Oregon. September 1984. (available at Kent library and U.S. EPA Region X library)

    An array of bioassays was conducted using microbes, plant roots, algae, daphnia, and earthworms to test toxicities of the following chemical subgroups: heavy metals (copper, cadmium, zinc); herbicides (2,4-D, Esteron 99); and insecticides (aldrin, dieldrin, endrin, chlordane, heptachlor). For comparison, soil, soil elutriates, and surface waters were obtained at five sites around the Western Processing facility and were used in the same bioassay procedure. (Sample locations are shown in Plate 1.) The purpose of these tests was to examine the applicability of using multi-media and multi-trophic bioassays in determining extent and severity of environmental contamination at hazardous waste sites.

    The EC50 response of some test organisms for several of these chemicals and metals is known; however, little information is available on the toxicity potential of complex mixtures of chemicals found at hazardous waste sites. The investigators conclude that the multi-media and multi-trophic bioassay procedure is a more realistic indicator of the environmental hazard potential presented at hazardous waste sites.

11. Schmidt, C. E., R. Vandervort. Summary of the Nature and Extent of Contamination Present on Standard Equipment, Inc., Property in Kent, Washington. Radian Corporation, Sacramento, California. October 1984. (available through Standard Equipment, Kent, Washington, or the Radian Corporation)

An investigation of contamination on Standard Equipment, Inc., property adjacent to Western Processing on the west side of the site was conducted by the Radian Corporation in cooperation with CH2M HILL and the EPA. Subsurface soil samples collected during the drilling of soil borings by CH2M HILL on Standard Equipment, Inc., property during the summer 1984 remedial investigation were provided to Radian for their use. Additional surface soil, sediment, and water samples were collected by Radian independent of EPA and CH2M HILL activities. Samples were analyzed by Radian and the data summarized in the referenced report.

HYDROGEOLOGICAL DATA

CH2M HILL reviewed EPA files to gather groundwater data for wells at Western Processing. Groundwater elevations are summarized in Table 7. The screened interval for each well is also included.

1. Ecology and Environment, Inc. Memorandum from Stephen Testa and Katherine Lombardo to John Osborn, EPA. Installation of Four Groundwater Monitoring Wells, Western Processing Company, Kent, Washington. TDD RIO-8302-03. June 8, 1983. (available at the Kent library and U.S. EPA Region X library)

   This memorandum contains boring logs from the installation of four groundwater monitoring wells that were drilled offsite at Western Processing from April 18 through June 3, 1983. Volatiles were monitored using an HNU photoionizer; however, data are not included in this report. Preliminary OVA analyses on water samples obtained from the installed wells were used to better define the placement of monitoring screens. Soil samples were obtained continuously to a depth of 40 feet, and at 5-foot intervals thereafter. Subsurface soil conditions were described and entered in the boring logs. A gamma log survey was conducted on DW-31 with no detectable differences found between subsurface materials.

2. Bond, F. W., C. M. Smith, J. M. Dowsburg, C. J. English. Application of Groundwater Modeling Technology for Evaluation of Remedial Action Alternatives, Western Processing site, Kent, Washington. Prepared by Battelle Project Management Division, Office of Hazardous Waste Management, for U.S. Environmental Protection Agency, Office of Research and Development, Municipal Environmental Research

Table 7
HISTORIC WATER LEVEL ELEVATION TAKEN IN WELLS AT WESTERN PROCESSING
KENT, WASHINGTON

Well No.	Drilled Depth (ft)	Depth of Screened Interval (ft) Top	Bottom	Static Water Level Elevation[a] (Feet Above Mean Sea Level) November 1982	May 1983	October 1983	March 1984	April 1984	May 1984	July 1984
1S	12	9	12	13.55	15.19	12.59	15.33	15.02	14.52	13.75
1D	30	27	30	12.86	14.40	12.47	15.34	15.51	14.84	13.78
2	15	8.5	11.5	14.37	15.65	13.14	15.14	14.98	14.06	13.48
3	12	8.5	11.5	18.35	19.41	18.38	18.73	18.36	18.19	17.94
4	15	11.5	14.5	12.37	13.76	11.95	13.71	13.34	12.34	11.77
5	15	8.5	11.5	15.17	16.62	14.46	16.80	15.92	15.23	14.54
6	15	8.5	11.5	14.19	15.79	13.37	15.52	15.27	14.52	13.90
7	15	8.5	11.5	14.59	16.26	13.75	16.42	15.96	14.71	14.31
8	16	13	16	13.39	15.28	--	16.25	16.87	15.04	14.25
9	15	11.5	14.5	11.35	12.21	--	12.60	11.80	11.64	10.88
10	15	11.5	14.5	12.09	12.50	13.25	12.92	16.92	Dry	Dry
11S	12	9	12	14.83	16.53	14.06	17.16	17.25	16.31	15.41
11D	30	26	29	12.94	14.97	12.57	16.14	16.14	15.39	13.97
12	15	7.5	10.5	14.10	15.72	Destroyed	--	--	--	--
13	9	2.5	5.5	11.91	13.70	--	13.64	13.27	12.58	11.69
14	15	11.5	14.5	--	--	14.55	16.63	16.55	15.55	14.55
15	16	13	16	15.29	17.24	Destroyed	--	--	--	--
16	15	11.5	14.5	13.73	13.69	Destroyed	--	--	--	--
17S	15	12	15	16.39	18.20	15.86	18.81	19.73	19.96	18.40
17D	30	27	30	12.72	14.57	12.77	15.62	15.45	15.14	13.91
18	16	13	16	15.86	18.25	15.84	17.80	17.80	17.60	16.65
19	12	2.5	5.5	14.35	--	--	14.94	14.64	14.10	12.69
20	15	11.5	14.5	15.88	17.23	14.13	18.87	18.45	17.79	16.62
21	15	11.5	14.5	12.80	15.24	12.80	12.29	16.31	15.85	13.68
22S	15	12	15	13.90	15.68	Destroyed	--	--	--	--
22D	30	23.5	26.5	13.77	14.72	Destroyed	--	--	--	--
23	16	12	15	14.05	16.30	15.38	18.32	18.32	17.86	16.61
24	15	11.5	14.5	13.34	16.17	13.26	17.74	17.41	16.45	15.24
25S	16	13	16	13.81	16.03	13.57	Destroyed	--	--	--
25D	30	23	26	13.85	15.89	13.70	Destroyed	--	--	--
25C	12	9.5	12	--	--	--	--	--	--	--
26	15.5	12.5	15.5	14.48	16.13	Destroyed	--	--	--	--

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Table 7
(continued)

Well No.	Drilled Depth (ft)	Depth of Screened Interval (ft) Top	Bottom	Static Water Level Elevation[a] (Feet Above Mean Sea Level) November 1982	May 1983	October 1983	March 1984	April 1984	May 1984	July 1984
27	12	8.5	11.5	14.51	15.13	--	16.25	16.50	--	--
28	12	8.5	11.5	--	12.46	--	--	11.64	11.55	10.88
29	12	8.5	11.5	--	15.01	--	14.35	14.43	14.45	13.43
30	15	8.5	11.5	--	--	--	--	--	--	--
31S	165	45	55	--	--	11.39	17.90	16.07	15.57	14.01
31D	165	130	140	--	--	13.83	--	17.24	16.97	13.66
32S	30	18	28	--	--	--	15.32	15.49	14.92	13.88
32D	156.5	96	106	--	--	14.15	--	17.49	18.37	15.89
33S	145.5	28	38	--	--	13.93	16.25	15.99	15.45	15.70
33D	145.5	55	65	--	--	15.54	--	18.67	18.01	16.80
34S	181.5	52	62	--	--	12.43	16.05	16.13	15.32	14.25
34D	181.5	124	134	--	--	13.36	Inaccessible	18.07	17.29	16.08
35	140	55	75	--	--	13.77	--[b]	17.55	16.88	15.57
36	100	74	94	--	--	13.12	--[b]	17.39	16.43	14.01
37	100	75	95	--	--	13.95	--[b]	17.64	17.16	15.89
38	120	35	55	--	--	12.29	15.32	15.41	14.99	13.89
39	96	20	40	--	--	13.63	--[b]	17.68	16.99	15.64
40	100	20	40	--	--	13.39	--[b]	18.02	17.00	15.53
41	135	75	95	--	--	13.40	--[b]	17.31	16.62	15.31
42	100	50	70	--	--	13.27	--[b]	17.59	16.61	15.24
43	100	15	35	--	--	13.36	--[b]	17.74	17.01	14.37
44	100	15	35	--	--	15.20	--[b]	19.47	18.64	16.14
DB-01	365	140	150	--	--	--	--	--	--	18.03
PB-01	--	14	16	--	--	--	--	--	--	15.88
PB-02	--	14	16	--	--	--	--	--	--	13.89
PB-03	--	14	16	--	--	--	--	--	--	12.71
PB-04	--	14	16	--	--	--	--	--	--	19.96
PB-05	--	13	18	--	--	--	--	--	--	11.56
PB-06	--	12	14	--	--	--	--	--	--	16.39
PB-07	--	12	14	--	--	--	--	--	--	16.93
PB-08	--	14	16	--	--	--	--	--	--	18.26
MB-01	100	75	95	--	--	--	--	--	--	15.32

EB0113

Table 7
(continued)

Well No.	Drilled Depth (ft)	Depth of Screened Interval (ft) Top	Bottom	Static Water Level Elevation[a] (Feet Above Mean Sea Level) November 1982	May 1983	October 1983	March 1984	April 1984	May 1984	July 1984
MB-02	60	35	55	--	--	--	--	--	--	15.45
MB-03	100	6	12[c]	--	--	--	--	--	--	19.11
		14	19[c]	--	--	--	--	--	--	15.01
		21	26[c]	--	--	--	--	--	--	16.71
		28	33[c]	--	--	--	--	--	--	16.51
		36	38	--	--	--	--	--	--	15.91
		41	51[c]	--	--	--	--	--	--	15.61
		54	62[c]	--	--	--	--	--	--	16.51
		66	73[c]	--	--	--	--	--	--	16.71
		75	87[c]	--	--	--	--	--	--	16.81
		90	100[c]	--	--	--	--	--	--	16.41

[a]Data sources are as follows:

1. November 1982 and May 1983; EPA Region X, Investigation of Soil and Water Contamination at Western Processing, King County, Washington, September to November, 1982, Parts 1 and 2, May 1983.
2. October 1983, March 1984, April 1984, May 1984, July 1984; USEPA Region X, Environmental Services Division, Field Operations and Technical Support Branch, Summary of Hydrogeologic Files on Static Water Levels in Wells at Western Processing, Kent, Washington.

[b]Water level indicator would not fit into well.

[c]Depth range represents the length of sand pack at each sampling port.

Laboratory, Cincinnati, Ohio. September 1984. (available at the Kent library and U.S. EPA Region X library)

A conceptual model of the groundwater flow system in the vicinity of Western Processing was developed based on available hydrogeologic data developed during the 1982 EPA Investigation of Soil and Water Contamination at Western Processing, King County, Washington and the Interim Offsite Remedial Investigation (see the Western Processing Alternatives Assessment Study, April 1984). Numerical flow and contaminant models were developed and calibrated using existing trichloroethylene concentrations from the two above-referenced documents. Six selected remedial action alternatives for the site were evaluated using the calibrated flow and contaminant transport models.

3. Hart Crowser and Associates, Inc. Final Report Hydrogeologic Assessment Western Processing, Kent, Washington. Prepared for GCA Technology Division, Bedford, Massachusetts. EPA No. 68-01-6769. October 16, 1984 (available at the Kent library and U.S. EPA Region X library)

A hydrogeologic assessment of the Kent Valley and the Western Processing site was developed. Work included compiling and preparing a bibliography of available data related to hydrogeology, contaminant sources, and contaminated media. The available information was assessed for data gaps regarding the Kent Valley hydrogeology, contaminant sources, and contaminated media as well as factors affecting pollution migration mechanisms and pathways. The report includes monitoring well static water level elevations for onsite and offsite wells from November 1982 to July 1984. Also included are local and regional geologic cross sections, well location maps, groundwater contour maps, and various summaries of onsite and offsite contaminant data.

Chapter 5
UTILITIES AND LAND USE

INTRODUCTION

A utility and land use evaluation was conducted to obtain information regarding utilities adjacent and within the site for incorporation into the feasibility study. Information was also obtained in hopes of identifying possible future maintenance activities by these utilities planned in potentially contaminated areas. That information would be made available to the utilities so that they could be aware of potential health and safety risks. The information obtained is summarized in the following sections.

UTILITIES

The following is a discussion of the utilities adjacent to and within the Western Processing site. This information was obtained from representatives of the individual utilities. The underground utilities described below are shown on Figure 17.

In the 1950's the site was used as a anti-aircraft battery. Onsite utilities in place at that time consisted of sewer, water, storm drainage, and power. Current information indicates that most of these utilities were left in the ground when the military withdrew. The only utility extending offsite which was identified from drawings of the site is the sanitary drainfield line shown in Figure 17. It is not known whether this drain still exists or whether it has been blocked off.

NATURAL GAS

Washington Natural Gas Company has a 4-inch steel-wrapped gas pipeline in South 196th Street adjacent to the Western Processing site. The pipe lies 14 feet north of the centerline at a depth of approximately 3 feet. Typically, the gas company lines are excavated only if they have ruptured or if they are to be replaced. The gas company does not anticipate excavating the line in South 196th for any of these reasons.

TELEPHONE

Pacific Northwest Bell (PNB) Telephone Company has a duct structure buried in South 196th Street adjacent to the Western Processing site, approximately 13 feet south of the centerline. The structure extends east and west along South 196th Street at a depth of approximately 40 inches (to the top of the structure). Approximately 130 feet west of the

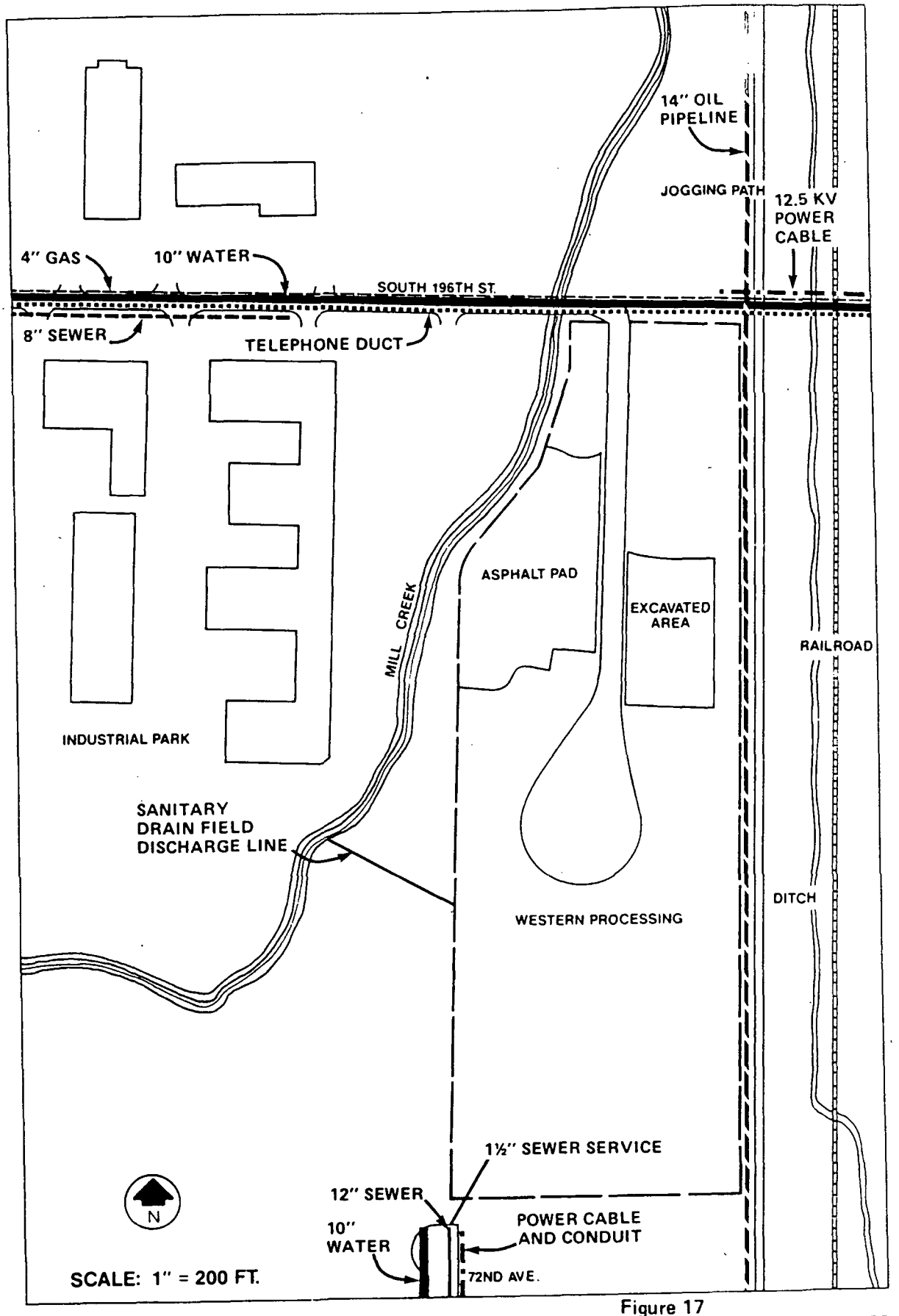

Figure 17
UNDERGROUND UTILITIES
WESTERN PROCESSING
Kent, Washir

EB0118

railroad tracks adjacent to the site is a telephone company manhole structure that straddles the duct structure. The manhole cover is visible in the street.

The duct structure consists of twelve 4-inch PVC conduits encased in concrete. Eight of the conduits contain cables and four are empty. The cables include trunk cables, tie cables, a Boeing Company circuit, and two fiber optics systems. One of the fiber optics systems is the largest such system PNB has in the area.

The duct structure was constructed by excavating a trench approximately 3 feet wide and 5 feet deep. The conduits are stacked directly in the trench (no gravel base) in rows of three, and the concrete is poured over them. The resultant duct structure is approximately 2 feet high and 15 inches wide. Because the cables may spread when the concrete is poured, the structure should be assumed to be as large as 30 inches high and 24 inches wide for the purpose of planning other underground work in the area.

The manhole structure is precast concrete approximately 10-1/2 feet long, 5 feet wide, and 6-1/2 feet high. It is buried approximately 3 feet below the surface.

At this time, there are no plans to run cables in the four empty conduits. They are available to provide future service as the area is developed. When they are filled, the work will be undertaken by running the cable between manholes. Excavation will not be necessary.

A PNB representative indicated that one of the pressurized cables in the duct structure is experiencing air loss near the site. At this time, it is not affecting the operation of the cable. After remedial work is complete at the Western Processing site, PNB plans to investigate the problem. No other work on their equipment is planned at this time.

POWER

Puget Sound Power & Light (PSP&L) has both overhead and underground utilities adjacent to the project site. The overhead equipment consists of three sets of poles in the PSP&L right-of-way adjacent to the site. On these poles there are four sets of wires, one set of 230-kV transmission lines, two sets of 115-kV lines, and one set of 12.5-kV distribution lines. On the north side of South 196th Street, there is one set of 12.5-kV distribution lines. This set of lines goes underground about 50 feet west of the western boundary of the Puget Sound Power & Light easement.

Underground power in 72nd Avenue South, south of the Western Processing site, consists of three 12.5-kV cables, two

6-inch PVC conduits and one 4-inch PVC conduit (all conduits are empty), and 120-volt street light wire. All cables, wire, and conduit are located in the same trench, approximately 10 feet behind the curb on the east side of the street. The system was installed approximately 6 months ago to serve the Corporate Properties Investors development on 72nd Avenue South and other future development in the area.

PSP&L has no plans to replace or supplement their existing equipment in the area. When additional development is proposed in the area, the empty conduits in 72nd Avenue South may be filled.

OIL

The Olympic Pipeline Company has a 14-inch-diameter pipe located approximately 5 feet east of the fence along the eastern boundary of the Western Processing site. The company does not keep records of the depth of the pipeline.

The pipe is solid steel with welded joints, coated with cold tar enamel and wrapped with asbestos felt and fiberglass. Electric corrosion control is provided by d.c. voltage. The pipe carries refined petroleum products under pressure.

At this time, Olympic Pipeline Company does not plan to excavate their line. About 1 to 2 years ago, they checked the oil coating on the line. Because it was in good condition, they assume corrosion agents are not reaching the steel pipe.

SEWER AND WATER

A 12-inch city sewerline extends toward the site and ends at a manhole near the north end of 72nd Avenue South. This line is located about one foot west of the 72nd Avenue centerline. An unauthorized connection was made to this sewer with a 1-1/2-inch line from the Western Processing site.

An 8-inch city sewer line is located in South 196th Street about 15 feet south of the south edge of the pavement. This line stops approximately 500 feet west of the Western Processing site. The City of Kent has unconfirmed information that there may have been an unauthorized connection to this line from the Western Processing site. In addition, there is currently in place a temporary legal connection for discharging treated stormwater to the sanitary sewer on South 196th Street. This discharge is being made by an independent contractor currently working on a surface cleanup of the site. This connection is a 3-inch PVC pipeline which connects to the 8-inch sanitary sewer approximately 100 to 150 feet west of the main entrance to the site.

A 10-inch waterline is located approximately 25 feet west of the centerline in 72nd Avenue South. This line provides service to the warehouse and office of the Corporate Properties Investors (CPI) development west of 72nd Avenue South.

A 10-inch waterline is also located in South 196th Street about 16 feet north of the centerline. This line provides service to the Western Processing site at two locations and to the residence across South 196th Street from the Western Processing site.

There are no plans to extend the sewerlines and waterlines at this time. Extensions will be made if 72nd Avenue is continued or when new development in the area requires service.

DEVELOPMENT REGULATIONS

ZONING

The Western Processing site and the property to the north and south are zoned M-2, limited industrial district. Property to the west is zoned M-1, industrial park district, and to the east the property is zoned M-3, general industrial district (see Figure 18).

Table 8 lists the uses that are allowed in the Kent industrial districts. In general, the uses allowed in each of the industrial districts are similar. However, in addition to the uses allowed in the M-1 and M-2 districts, more intensive industrial uses (not shown in Table 8) are also allowed in the M-3 zone. These include sawmills, truck storage yards, electroplating, and transit terminals.

Table 9 shows the development standards for each of the industrial zones. The development standards are the most strict in the M-1 zone where light industries and nonnuisance uses are encouraged. The M-3 zone has the least restrictive development standards.

These development standards, shown in Table 9, would apply to development of the Western Processing site (M-2 standards) and to development of the adjacent properties.

COMPREHENSIVE PLAN

The Kent Comprehensive Plan consists of a citywide comprehensive plan and three subarea plans. The citywide plan contains statements of goals and policies describing the character of future development and a comprehensive plan map that is intended to guide future development patterns. The subarea plans have more specific goals and policies for development in particular areas.

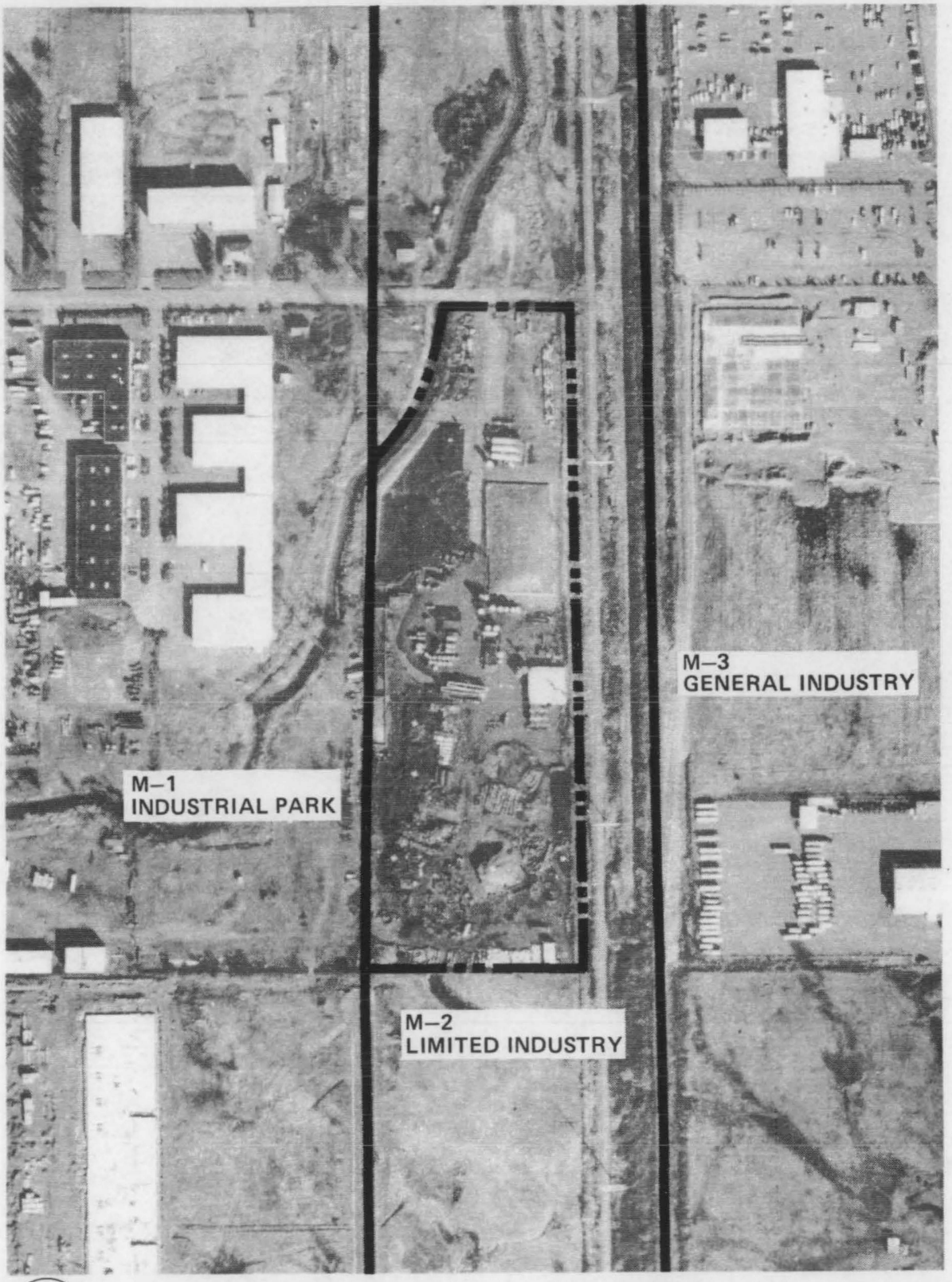

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Figure 18
ZONING CLASSIFICATIONS

WESTERN PROCESSING
Kent, Washington

EB0122

Table 8
USES ALLOWED IN THE INDUSTRIAL DISTRICTS
M-1, M-2, and M-3

A. Principally Permitted Uses

Manufacturing, processing, treating, assembling, and packaging of a variety of products

Printing, publishing, and allied industries

Warehousing and distribution

Crop and tree farming

Administrative or executive offices

Scientific laboratories

Warehousing with retail sales

B. Accessory Uses

Repair operations and commercial sales incidental to the principally permitted use

Dwelling units for maintenance and security personnel only

Employee recreation facilities

Restaurants or cafeterias in conjunction with principally permitted use

Temporary buildings during construction of permanent buildings

C. Conditional Uses

Commercial office, retail, and service uses intended to serve the M-2 district

Utilities and communication facilities

Public facilities

Source: Kent Zoning Code, March 1983.

Table 9
INDUSTRIAL DISTRICT DEVELOPMENT STANDARDS

	M-1 Industrial Park	M-2 Limited Industrial	M-3 General Industrial
Minimum lot size	One acre	20,000 square feet	15,000 square feet
Maximum site coverage	60 percent	65 percent	75 percent
Front yard setback	20 percent of lot depth	15 percent of lot depth	10 percent of lot depth
Side yard setback	10 percent of lot width (total). Minimum 15 feet per side.	10 percent of lot width (total). Minimum 10 feet per side.	10 percent of lot width (total). Minimum 10 feet per side.
Rear yard setback	None required	None required	None required
Height limit*	Two stories (35 feet)	Two stories (35 feet)	Two stories (35 feet)

*May be increased by increasing yard area.

EB0124

The Western Processing site lies within the valley floor subarea. The site and the property to the north, south, and east are designated for industrial use in the comprehensive plan. The property to the west is designated for light industry. These designations are consistent with the current zoning designations in the area shown in Figure 18. The City of Kent is not anticipating or planning a change in present development patterns in the area as represented by zoning and existing uses.

The main planning issues in the valley floor subarea plan that relate to the Western Processing site are:

- Providing storm drainage and retention systems that use the natural drainage system
- Restoring, preserving, and enhancing water quality and biotic habitat
- Developing land uses compatible with existing bike trail systems

These issues are described in the goals and objectives of the valley floor subarea plan and will be used to evaluate development on the Western Processing site and adjacent property when development is proposed.

STORMWATER

The City of Kent engineering department has been studying flooding problems and stormwater management in the Kent Valley for several years. Flooding has always occurred in the valley, partly because the valley is the natural flood plain for the Green River, and also because of saturated soils in the valley, a high water table, and insufficient capacity in the present drainage system. According to the City of Kent, flooding has been aggravated by increased stormwater flows into the valley from development of the East Hill area.

In the early 1960's, the Soil Conservation Service (SCS) developed a flood plain plan for the valley that involved major widening of Mill Creek. The City of Renton has constructed portions of this plan, but at this time, the City of Kent does not expect to implement the SCS flood plain plan. The federal government will pay for the actual construction costs of implementing the plan, but not the cost of acquiring the property adjacent to the stream segments to be widened. The City of Kent believes this part of the project will be too costly for the City to undertake.

The City of Kent is analyzing several alternatives for controlling stormwater and expects to make a recommendation to

the city council for adoption of a plan this fall.[1] The preferred alternative at this time involves using an existing, but unused treatment plant (about 2 miles south of the Western Processing site) for stormwater detention and diverting flows from Mill Creek into the storage facility during periods of high flows. Other alternatives involve removing channel constrictions, reconstructing and widening portions of the channel banks, and providing other regional storage facilities. The Western Processing site could be affected by channel modifications although the exact location of possible channel widening to increase its capacity has not been determined.

The current City of Kent Surface Water and Drainage Code (Ordinance No. 2130) is designed to reduce peak stormwater flows from new development. The ordinance applies to all projects that require city permits, such as a grading permit or substantial development permit (shoreline development permit). The ordinance requires that stormwater retention and detention facilities are provided to handle stormwater volumes generated during a 25-year storm, and discharge from the site is to be limited to the predevelopment release rate during a 10-year storm (storm duration is designated by the public works department).

The current stormwater ordinance was substituted by a more strict, temporary ordinance between October 1982 and October 1983. This ordinance was in place while stormwater management studies were being undertaken by the City of Kent. The current ordinance may be revised following the adoption of an alternative from the Stormwater Drainage Master Utility Plan.

LAND USE

OWNERSHIP AND EXISTING DEVELOPMENT

Figure 19 shows the ownership and land use of the parcels immediately adjacent to the project site. The privately owned developments are primarily light industry and warehouses. Publicly held land includes street rights-of-way and the interurban bike trail. In addition, there are several vacant adjacent privately-owned properties.

FUTURE DEVELOPMENT PLANS

Private development projects adjacent to the site are generally being delayed until the extent of offsite contamination

[1] The analyses of the stormwater alternatives are contained in Draft Storm Drainage Master Utility Plan, URS Engineers, 1984.

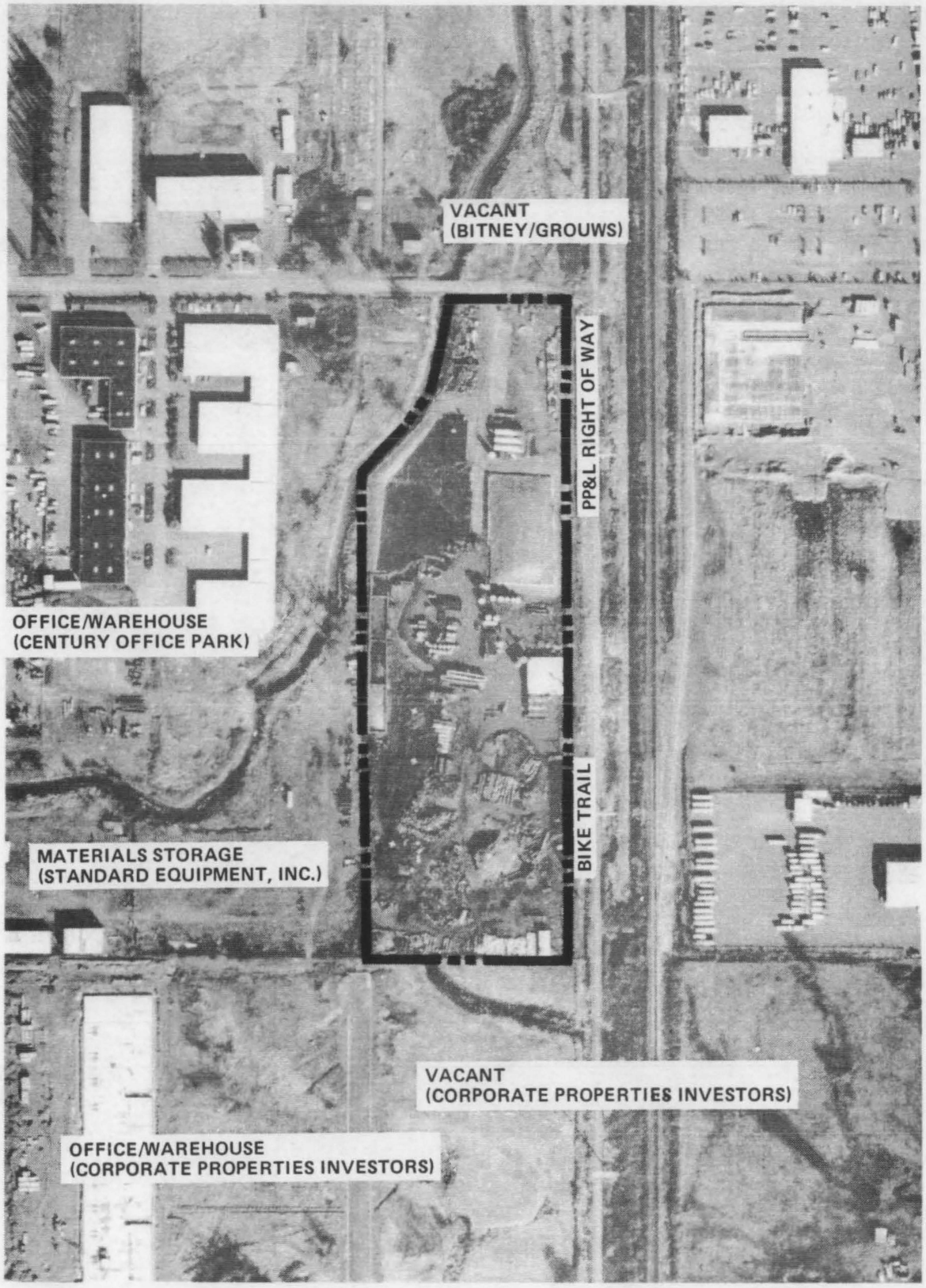

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Figure 19
PROPERTY OWNERSHIP AND
EXISTING LAND USE

WESTERN PROCE
Kent, Washington

EB0127

is determined. The property owners to the north (5 acres) and the west (16 acres) have recently developed plans for office and warehouse developments similar to others in the area. The property owners have been told that development of their property cannot occur until the extent of offsite contamination is determined. The property owners believe that it may be too costly to postpone development of their property but also too costly to undertake the remedial actions that might be necessary before they are able to develop their property.

There are no specific development plans for the property to the south of the site which is owned by Corporate Properties Investors. The owners intend to develop the property in the future with warehouses or other industrial uses, but at this time the specific development and timing of construction have not been determined.

If the current property owners are not able to realize their development plans, the uses that may be developed by future owners consistent with the zoning and comprehensive plan are listed in Table 8.

Adjacent property to the north, south, and west developed under existing regulations could consist of light industrial uses and business parks. To the east (beyond the bike path, railroad, and PSP&L right-of-way), more intensive industrial uses with less restrictive development standards could be developed.

The City of Kent has long-range plans for the property under its control adjacent to the site. The City's Comprehensive Transportation Plan includes eventual expansion of South 196th Street adjacent to the site to a major east and west arterial across the Kent Valley. The plans include widening the road to five lanes and constructing a viaduct across the bike trail and railroad tracks. The current 6-year transportation plan includes an environmental assessment and route location study for this project. If the City pursues the project, it would be constructed in approximately 10 years.

Seventy-second Avenue South was recently extended to the southern boundary of the project site. It dead ends there and resumes about 1/2 mile north of the site. As development occurs in the area, the City of Kent intends to extend this street and the utilities in it. At this time the alignment of the road has not been selected, but two considerations which will enter into the location decision are (1) a warehouse north of S 196th Street lies in the proposed path of the 72nd Avenue connection and will have to be removed or the road curved to avoid it and (2) the value of a narrow parcel of land adjacent to the western boundary of

the Western Processing will be decreased if it is used as a street right-of-way. In order to avoid these problems, the City has considered curving the street slightly to the east onto the Western Processing site. The City has no definite plans to extend 72nd Avenue and will only do so when increased development in the area requires it.

The interurban bike trail extends along the east boundary of the Western Processing site. This segment was recently paved, and there are no plans to improve it further.

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APPENDIX A.

List of Drums Containing Materials Generated During the Western Processing Remedial Investigation

EB0133

Appendix A

LIST OF DRUMS CONTAINING MATERIALS

GENERATED DURING THE WESTERN PROCESSING

REMEDIAL INVESTIGATION

May to June 1984

Sequential Drum Number	Drum Identification Number	Drum Contents
1	WP-MB-01-0 to 15	Drill cuttings and bailed water
2	WP-MB-01-15 to 30	Drill cuttings and bailed water
3	WP-MB-01-30 to 38-1/2	Drill cuttings and bailed water
4	WP-MB-01-38-1/2 to 49	Drill cuttings and bailed water
5	WP-MB-01-49 to 60	Drill cuttings and bailed water
6	WP-MB-01-60 to 70	Drill cuttings and bailed water
7	WP-MB-01-70 to 80	Drill cuttings and bailed water
8	WP-MB-01-80 to 89	Drill cuttings and bailed water
9	WP-MB-01-89 to 95	Drill cuttings and bailed water
10	WP-MB-01-95 to 100	Drill cuttings and bailed water
11	WP-MB-01-95 to 100	Drill cuttings and bailed water
12	WP-MB-02-0 to 19	Drill cuttings and bailed water
13	WP-MB-02-19 to 34	Drill cuttings and bailed water
14	WP-MB-02-34 to 41	Drill cuttings and bailed water
15	WP-MB-02-41 to 54	Drill cuttings and bailed water
16	WP-MB-02-54 to 60	Drill cuttings and bailed water
17	WP-MB-02-54 to 60	Drill cuttings and bailed water

18	WP-MB-02-54 to 60	Drill cuttings and bailed water
19	WP-MB-03-0 to 20	Drill cuttings and bailed water
20	WP-MB-01	Disposable clothing and gear
21	WP-MB-02	Disposable clothing and gear
22	WP-MB-01, 02	Disposable clothing and gear
23	WP-MB-03-20 to 30	Drill cuttings and bailed water
24	WP-MB-02, 03	Disposable clothing and gear
25	WP-MB-03-30 to 44	Drill cuttings and bailed water
26	WP-MB-03-44 to 60	Drill cuttings and bailed water
27	WP-MB-03-60 to 65	Drill cuttings and bailed water
28	WP-MB-03-65 to 72	Drill cuttings and bailed water
29	WP-MB-03-72 to 80	Drill cuttings and bailed water
30	WP-MB-03-80 to 85	Drill cuttings and bailed water
31	WP-MB-03-85 to 95	Drill cuttings and bailed water
32	WP-MB-03-95 to 100	Drill cuttings and bailed water
33	WP-SB-04-0 to 34	Auger cuttings
34	WP-SB-05-0 to 39	Auger cuttings
35	WP-SB-05-0 to 39	Auger cuttings
36	WP-SB-06-0 to 39	Auger cuttings
37	WP-SB-06-0 to 39	Auger cuttings
38	WP-IB-01-0 to 40	Auger cuttings
39	WP-IB-01-40 to 60	Auger cuttings
40	WP-IB-01-40 to 60	Auger cuttings
41	WP-SB-11-0 to 29	Auger cuttings
42	WP-SB-11-0 to 29	Auger cuttings
43	WP-SB-11-0 to 29	Auger cuttings
44	WP-IB-02-0 to 59	Auger cuttings

45	WP-IB-02-0 to 59	Auger cuttings
46	WP-IB-02-0 to 59	Auger cuttings
47	WP-IB-02, SB-11, SB-09	Sampling equipment and personnel decontamination water
48	WP-SB-09-0 to 20	Auger cuttings
49	WP-SB-09-20 to 34	Auger cuttings
50	WP-SB-09-20 to 24	Auger cuttings
51	WP-SB-12-0 to 24	Auger cuttings
52	WP-SB-12-24 to 29	Auger cuttings
53	WP-IB-02, SB-09	Drilling equipment decontamination water
54	WP-SB-09, SB-11	Drilling equipment decontamination water
55	WP-SB-11, SB-12	Drilling equipment decontamination water
56	WP-SB-07-0 to 34	Auger cuttings and ground cover
57	WP-SB-07-0 to 34	Auger cuttings
58	WP-SB-07-0 to 34	Auger cuttings
59	WP-SB-07, 08, 10, 12	Sampling equipment and personnel decontamination water
60	WP-SB-08-0 to 29	Auger cuttings
61	WP-SB-08-0 to 29	Auger cuttings
62	WP-SB-08-0 to 29	Auger cuttings
63	WP-IB-02, SB-07, 08, 09, 10, 11, 12	Disposable clothing and gear
64	WP-SB-12-24 to 29	Auger cuttings
65	WP-SB-08, 12	Drilling equipment decontamination water
66	WP-SB-07, 10	Drilling equipment decontamination water
67	WP-SB-07, 10	Disposable clothing and contaminated plastic ground cover

68	WP-SB-10-0 to 29	Auger cuttings
69	WP-SB-10-0 to 29	Auger cuttings
70	WP-SB-18	Drilling equipment decontamination water
71	WP-SB-13	Drilling equipment decontamination water
72	WP-SB-18-0 to 29	Auger cuttings
73	WP-SB-18-0 to 29	Auger cuttings
74	WP-SB-18	Contaminated plastic ground cover
75	WP-SB-13-0 to 29	Auger cuttings
76	WP-SB-13-29 to 34	Auger cuttings
77	WP-SB-13-29 to 34	Auger cuttings and contaminated plastic ground cover
78	WP-SB-13	Drilling equipment decontamination water
79	WP-SB-15-0 to 29	Auger cuttings
80	WP-SB-15-0 to 29	Auger cuttings
81	WP-SB-15-0 to 29	Auger cuttings and contaminated plastic ground cover
82	WP-SB-14-0 to 39	Auger cuttings
83	WP-SB-14-0 to 39	Auger cuttings
84	WP-SB-14-0 to 39	Auger cuttings
85	WP-SB-14-0 to 39	Auger cuttings
86	WP-SB-14	Drilling equipment decontamination water
87	WP-SB-16	Drilling equipment decontamination water
88	WP-SB-16-0 to 29	Auger cuttings
89	WP-SB-16-0 to 29	Auger cuttings and contaminated plastic ground cover
90	WP-SB-16-0 to 29	Auger cuttings
91	WP-SB-17	Drilling equipment decontamination water

92	WP-SB-17-0 to 34	Auger cuttings and contaminated plastic ground cover
93	WP-SB-17-0 to 34	Auger cuttings
94	WP-SB-17-0 to 34	Auger cuttings
95	WP-SB-13, 15, 16 17, 18	Disposable clothing and gear
96	WP-SB-17	Drilling equipment decontamination water
97	WP-SB-03-0 to 34	Auger cuttings
98	WP-SB-03-0 to 34	Auger cuttings
99	WP-SB-03-0 to 34	Auger cuttings
100	WP-SB-02-0 to 29	Auger cuttings
101	WP-SB-02-0 to 29	Auger cuttings
102	WP-SB-02-0 to 29	Auger cuttings
103	WP-SB-01-0 to 29	Auger cuttings
104	WP-SB-01-0 to 29	Auger cuttings
105	WP-SB-01-0 to 29	Auger cuttings
106	WP-SB-19-0 to 29	Auger cuttings
107	WP-SB-19-0 to 29	Auger cuttings
108	WP-SB-19-0 to 29	Auger cuttings
109	WP-SB-19-0 to 29	Auger cuttings
110	WP-SB-20	Drilling equipment decontamination water
111	WP-SB-20	Drilling equipment decontamination water
112	WP-SB-20-0 to 29	Auger cuttings
113	WP-SB-20-0 to 29	Auger cuttings
114	WP-IB-03-0 to 59	Auger cuttings
115	WP-IB-03-0 to 59	Auger cuttings
116	WP-IB-03-0 to 59	Auger cuttings

117	WP-IB-03-0 to 59	Auger cuttings
118	WP-IB-03-0 to 59	Auger cuttings
119	WP-MB-01	Development water
120	WP-MB-01	Development water
121	WP-MB-01	Development water
122	WP-MB-02	Development water
123	WP-MB-02	Development water
124	WP-MB-02	Development water
125	WP-MB-03	Development water
126	WP-MB-03	Development water
127	WP-MB-03	Development water
128	WP-MB-03	Development water
129	WP-MB-03	Development water
130	WP-MB-03	Development water
131	WP-MB-03	Development water
132	WP-MB-03	Development water
133	WP-MB-03	Development water
134	WP-SB-13, 14, 15, 16, 17, 18	Disposable clothing and contaminated plastic ground covers
135	WP-MB-03	Disposable clothing and gear
136	WP-MB-03	Disposable clothing and gear
137	WP-MB-03	Disposable clothing and gear
138	WP-MB-03	Disposable clothing and gear
139	WP-MB-01	Purge water
140	WP-MB-01	Purge water
141	WP-MB-01	Purge water
142	WP-MB-02	Purge water

143	WP-MB-02	Purge water
144	WP-CSL-Holding tank	Lab glassware wash water
145	WP-CSL-Holding tank	Lab glassware wash water
146	WP-CSL-Holding tank	Lab glassware wash water
147	WP-SB-15	Equipment decon water
148	WP-MI-Disp.	Disposable clothing and gear
149	WP-PB-05-0 to 18	Drill cuttings and bailed water
150	WP-MI-Disp.	Disposable clothing and gear mixed with water
151	WP-MI-Disp.	Disposable cloghting and gear mixed with water
152	WP-MI-Disp.	Disposable clothing and gear mixed with water
153	WP-MW-35	Purge Water
154	WP-MW-35	Purge Water
155	WP-MW-35	Purge Water
156	WP-MW-34	Purge Water
157	WP-MW-34	Purge Water
158	WP-MW-34	Purge Water
159	WP-MI-Disp.	Disposable clothing and gear
160	WP-MI-Disp.	Decontamination water
161	WP-MI-Disp.	Disposable clothing and gear
162	WP-MI-Disp.	Disposable clothing and gear
163	WP-MI-Disp.	Disposable clothing and gear
164	WP-MI-Disp.	Disposable clothing and gear
165	WP-MI-Disp.	Decontamination water
166	WP-MI-Disp.	Disposable clothing and gear

In addition to the above-listed drum, there are two drums 5-1 and 5-2, generated by the JRB Company currently being stored on the site. These drums are not for disposal. Each drum is clearly marked and will be shipped to the address listed below in the summer of 1984.

Attention: Joe Burkhart
USEPA
Center Hill Facility
5995 Center Hill Rd
Cincinatti, Ohio 45224

Shipper:

John Herrmann
USEPA

APPENDIX B.

Boring Logs for Monitoring Borings, Intermediate Borings, Shallow Borings, Deep Borings

EB0142

Depth Below Surface (ft)	
	MB-01 (5/8/84-5/11/84)
0-15	Brown silty SAND, sand fine, loose
15-20	Brown silty SAND, sand fine, slightly cohesive
20-30	Blackish-brown SAND with interlayered silt and clay, sand fine to medium
30-55	Dark gray silty SAND, sand fine to medium
55-75	Dark gray SAND with trace silt, sand fine to medium
75-90	Gray SAND, fine to medium
90-100	Gray silty SAND, sand fine to medium
	MB-02 (5/14/84-5/15/84)
0-15	Gray-brown clayey sandy SILT, sand fine
15-35	Brown silty SAND, sand fine
35-45	Gray silty SAND, sand fine to medium
45-60	Gray SAND with trace silt, sand medium, occasional wood fragments
	MB-03 (5/17/84-5/18/84)
0-5	Brown sandy SILT with some angular gravel (up to 3/4 inch), sand fine to medium, soil stained near surface
5-15	Grayish-brown clayey SILT with black cinders
15-25	Grayish-brown clayey SILT with some fine sand
25-40	Gray silty SAND, sand fine to medium, some wood fragments
40-55	Gray medium SAND with some wood fragments
55-70	Gray silty SAND, sand medium
70-80	Gray silty SAND, sand fine to medium

Depth Below Surface (ft)	
80-100	Gray silty SAND, sand fine to medium, with varying amounts of wood fragments

IB-01 (5/23/84)

0-4	Gray-brown SILT with some sand near surface, mottled due to iron staining, abundant organic material
4-9	Gray clayey SILT with some iron-stained mottling
9-14	Gray fine to medium SAND interlayered with sandy silt layers
14-19	Gray SILT with some fine sand, abundant wood fragments
19-24	Gray silty fine SAND with abundant wood fragments
24-29	Gray fine sandy SILT with abundant wood fragments
29-34	Gray clayey SILT with abundant wood fragments
34-39	Gray silty SAND, sand fine to medium, interlayered fine sandy silt zone
39-64	Black fine SAND

IB-02 (5/24/84)

0-4	Brown silty SAND, gravelly near surface, sand fine to medium
4-9	Gray silty SAND to 8 feet, gray silty CLAY to 9 feet
9-14	Brownish-gray SILT, slightly cohesive
14-19	Bluish-gray silty CLAY, one-inch layer of organic material
19-24	Gray SILT, 1/2-inch layer of organic material, slightly cohesive
24-29	Interlayered gray silty fine SAND and gray clayey SILT, cohesive in clayey zones

Depth Below Surface (ft)	
	SB-05 (5/21/84)
0-4	Brown sandy SILT, sand medium
4-9	Light brown clayey SILT, some localized iron staining
9-14	Gray clayey SILT
14-19	Interbedded gray silty SAND and brownish-gray clayey SILT, abundant wood fragments
19-29	Black SAND, little silt
29-34	Dark grayish-brown SILT, with trace fine sand, large wood fragments
34-39	Dark grayish-brown SILT with some fine sand
	SB-06 (5/22/84)
0-4	Brown clayey SILT with some fine sand, localized iron staining, abundant organic matter
4-9	Blue-gray SILT with some clay, some wood fragments
9-14	Dark gray clayey SILT with some fine sand
14-24	Dark gray silty SAND, sand fine to medium, interlayered with sandy silt, wood fragments present
24-34	Gray SILT with some fine sand, tight, wood fragments common
	SB-07 (5/30/84)
0-4	Brownish-gray clayey SILT grading to a gray medium SAND with trace silt
4-9	Gray silty medium SAND grading to a gray clayey SILT with trace fine sand, moderately cohesive
9-14	Gray silty SAND, sand fine to medium
14-19	Gray sandy SILT, sand fine, abrupt change to a cohesive clayey silt

Depth Below Surface (ft)	
19-24	Gray sandy SILT, sand fine
24-29	Gray clayey SILT, with a sandy silt zone, sand fine
29-34	Gray silty SAND, sand fine

SB-08 (5/29/84)

0-4	Grayish-brown silty SAND with some gravel in upper part, sand fine to medium, gravel up to one inch
4-9	Gray silty medium SAND grading to a fine sandy gray SILT
9-29	Gray SAND with trace silt, sand fine to medium, primarily medium

SB-09 (5/25/84)

0-4	Brownish-gray gravelly SILT, some iron staining, cohesive, abrupt change at 3-1/2 feet to black fine SAND with some silt
4-14	Gray to grayish-brown SILT with some fine sand, occasional wood fragments, slightly cohesive
14-19	Grayish-brown silty CLAY, strongly cohesive
19-24	Buff silty CLAY, moderately cohesive
24-33	Dark gray silty SAND, sand fine
33-34	Gray silty CLAY, large wood fragments, moderately cohesive

SB-10 (5/25/84)

0-4	Reddish-brown medium SAND with trace silt, some gravel near surface
4-9	Gray clayey SILT with some fine sand, slightly cohesive
9-14	Gray silty SAND, sand fine to medium, occasional wood fragments, dry
14-19	Greenish-gray clayey SILT with intrabedded sandy zone

Depth Below Surface (ft)	
29-34	Black fine SAND, 2-inch layer of dark gray SILT at 34 feet
34-44	Interlayered gray fine SAND and gray cohesive SILT, silt layers approximately one inch thick
44-49	Gray SILT, 2-inch layer of black fine SAND
49-59	Dark gray fine to medium SAND

IB-03 (6/7/84)

0-4	Grayish-brown silty gravelly SAND with abundant organic material grading through a brown sandy SILT to a gray SILT with some CLAY, sand fine
4-9	Grayish-brown sandy SILT, sand fine, slightly cohesive
9-24	Gray fine to medium SAND with some silt
24-29	Gray silty SAND, sand fine to medium
29-34	Gray fine to medium SAND with some silt
34-39	Gray silty medium SAND grading to a clayey SILT, strongly cohesive in lower part
39-44	Gray clayey SILT with some fine SAND, moderately cohesive
44-49	Gray clayey SILT with abundant wood fragments, abrupt change at 48 feet to gray medium SAND with some silt
49-54	Gray silty SAND, sand finer at top, becoming gradually coarser towards bottom, some wood fragments
54-59	Gray medium SAND with trace silt

SB-01 (6/5/84)

0-4	Brown sandy SILT with some gravel
4-14	Gray sandy SILT with reddish-brown mottling, sand fine

Depth Below Surface (ft)	
14-19	Gray sandy SILT, sand fine to medium
19-29	Gray sandy SILT, sand fine

SB-02 (6/4/84)

0-4	Grayish-brown sandy SILT, sand fine to medium, some gravel, abundant organic material
4-9	Gray SILT, brown mottling, some fine sand, occasional wood fragments
9-14	Gray sandy SILT with some clay, sand medium, slightly cohesive
14-24	Gray sandy clayey SILT, sand fine, strongly cohesive, occasional layers of bluish organic material
24-29	Gray sandy SILT with some clay, sand fine to medium

SB-03 (6/4/84)

0-4	Brown sandy, gravelly SILT, sand fine to medium
4-9	Brownish-gray silty SAND, sand medium
9-14	Gray clayey SILT, strongly cohesive
14-24	Gray sandy SILT, sand fine
24-34	Gray sandy SILT, sand fine to medium, some wood fragments

SB-04 (5/21/84)

0-4	Brown clayey SILT with gray streaks, some woody fragments
4-9	Gray sandy SILT, sand fine
9-14	Gray clayey SILT with some fine sand
14-24	Gray silty SAND, sand fine to medium
24-30	Gray SILT with some clay
30-33	Gray silty SAND, sand fine to medium
33-34	Gray clayey SILT, little sand

Depth Below Surface (ft)	
19-24	Gray sandy SILT, sand fine, small wood fragments, moderately cohesive
24-29	Gradual gradation from a gray fine to medium silty SAND through a moderately cohesive sandy SILT to a brownish black, strongly cohesive clayey SILT, very dry at bottom

SB-11 (5/25/84)

0-4	Brownish-gray silty SAND, sand fine, occasional gravel near surface
4-9	Gray silty CLAY with mottled appearance from iron staining, cohesive, 2-inch layer of dark gray silt
9-14	Dark gray silty fine SAND
14-19	Dark brownish-gray silty CLAY, 2-inch layer of black fine SILT at bottom
19-24	Grayish-black silty SAND, sand fine, occasional wood fragments, 2-inch layer of brownish-gray cohesive silty CLAY at top
24-29	Dark gray SILT, soft

SB-12 (5/29/84)

0-4	Gray sandy SILT, sand fine, moderately cohesive
4-9	Interlayered gray fine sandy SILT and silty medium SAND, some wood fragments
9-29	Gray SAND with some silt, sand fine to medium, primarily medium, occasional wood fragments

SB-13 (5/31/84)

0-4	Brown clayey sandy SILT with some gravel, sand fine, some broken concrete
4-14	Gray silty SAND, sand fine to medium, primarily medium near 14 feet, occasional wood fragments
14-34	Gray medium SAND with some silt, large wood fragments at 19 and 24 feet

Depth Below Surface (ft)	
	SB-14 (6/1/84)
0-4	Brownish-black sandy SILT at surface grading through a reddish-brown medium SAND to a gray sandy SILT, sand fine
4-14	Gray silty SAND, sand medium to fine
14-19	Gray SAND with some silt, sand medium to fine
19-24	Gray SAND with trace silt, sand medium to coarse
24-29	Gray medium SAND with some 1/4-inch rounded gravel, thin brown silty SAND layer near 28 feet
29-39	Gray silty SAND with abundant wood fragments, sand fine to medium
	SB-15 (6/1/84)
0-4	Grayish-brown gravelly sandy SILT, sand medium
4-9	Grayish-brown sandy SILT, sand fine to medium, moderately cohesive
9-29	Gray fine to medium SAND with trace silt. Abrupt transition at 28 feet to a brown silt with some clay, occasional wood fragments
	SB-16 (6/2/84)
0-4	Grayish-brown sandy SILT with some gravel grading to a medium SAND with some silt
4-9	Brown silty SAND, sand medium
9-14	Gray sandy SILT, sand fine
14-19	Brownish-gray silty SAND, sand medium, large wood fragments
19-24	Gray silty SAND, sand fine to medium, large piece of wood from 22 feet to 24 feet
24-29	Gray medium SAND with some silt, abundant wood chips

Depth Below Surface (ft)	
	SB-17 (6/2/84)
0-4	Brownish-gray silty SAND, gravelly near surface, sand fine to medium
4-9	Brown silty fine to medium SAND
9-14	Gray sandy SILT, sand fine, slightly cohesive
14-19	One- to 2-inch interlayered sandy SILT and silty SAND, sand fine to medium
19-24	Gray clayey SILT grading to a brownish-gray silty SAND, sand fine to medium
24-29	Gray silty fine SAND, abrupt change at 28 feet to gray fine sandy SILT
29-34	Gray medium SAND with some silt
	SB-18 5/31/84)
0-4	Brown clayey SILT with some fine sand, gravelly near surface, thin gray silt layer at 3 feet
4-14	Grayish-brown SAND with some silt, sand fine to medium
14-19	Gray SILT grading to a medium sandy SILT, occasional clayey zones
19-24	Gray medium SAND with some silt
24-29	Gray interlayered sandy SILT and silty SAND, sand fine, abundant wood fragments, sulfide odor
	SB-19 (6/5/84)
0-4	Brown sandy SILT, some wood fragments
4-9	Gray silty SAND with orange mottling, one-inch interlayered reddish-orange sandy SILT, some wood fragments

Depth Below Surface (ft)	
9-14	Dark gray sandy SILT
14-19	Interlayered brown sandy SILT and gray silty SAND, occasional wood fragments
19-24	Dark gray medium SAND
24-34	Gray sand SILT with some wood fragments
34-39	Dark gray silty SAND
39-46	Dark gray SAND with some silt

SB-20 (6/6/84)

0-4	Brown fine to medium SAND with abundant wood fragments, shallow silty zone near surface
4-9	Gray sandy SILT grading through a brown SAND with some silt to a gray SAND with some silt, brown mottling in silty zones
9-14	Gray silty SAND, sand fine
14-19	Gray SILT with black wood fibers
19-24	Gray sandy SILT, moderately cohesive
24-29	Gray silty SAND, sand fine to medium, one-inch layer of sandy SILT

DB-01 (5/24/84-6/1/84)

0-10	Gray sandy SILT, sand fine
10-20	Gray silty SAND, sand fine to medium
20-50	Gray clayey SILT with woody fragments, cohesive
50-69	Gray silty SAND, sand medium, weakly cemented
69-78	Dark gray slightly silty SAND, sand medium
78-90	Dark gray clayey SILT with some fine sand, cohesive
90-103	Dark gray sandy SILT, sand fine
103-106	Dark gray slightly clayey sandy SILT, sand fine

Depth Below Surface (ft)	
106-137	Dark gray SAND with some silt, sand fine to medium, some woody fragments
137-147	Gray silty SAND with some clay, sand fine to medium
147-325	Dark gray SILT with intermittent clayey zones, some sand fine to medium, primarily medium, loose to slightly cohesive
325-365	Gray clayey silt with occasional trace of fine sand, cohesive

APPENDIX C.

Borehole Elevation Data

EB0154

Appendix C
BOREHOLE ELEVATION DATA
(All Elevations in Feet Above Mean Sea Level)

Boring Number	Elevation of Ground	Elevation Top of Casing	Elevation Top of Protective Casing
On-Site Monitoring Wells			
MB-01	25.45	27.27	27.97
MB-02	25.42	27.23	27.67
MB-03	25.17	26.63	26.89
Deep Off-Site Monitoring Well			
DB-01	22.14	23.95	NA
Piezometers			
PB-01	24.78	26.56	26.63
PB-02	20.66	23.47	23.64
PB-03	23.79	23.19	23.42
PB-04	25.73	28.15	28.25
PB-05	22.05	23.79	24.29
PB-06	23.89	25.77	26.06
PB-07	22.90	24.77	25.01
PB-08	25.36	27.08	27.45
Shallow Borings*			
SB-01	24.55		
SB-02	25.44		
SB-03	25.60		
SB-04	19.94		
SB-05	22.02		
SB-06	17.64		
SB-07	24.1**		
SB-08	23.1**		
SB-09	22.8**		
SB-10	24.2**		
SB-11	21.5**		
SB-12	23.6**		
SB-13	23.87		
SB-14	22.76		
SB-15	23.35		
SB-16	22.59		
SB-17	23.53		
SB-18	24.26		
SB-19	21.75		
SB-20	23.97		
Intermediate Depth Borings			
IB-01	21.17		
IB-02	21.8**		
IB-03	23.93		

*Protective casings were not installed. Only ground elevations were taken.

**Elevation estimated from topographic map.

APPENDIX D.

CH2M HILL Close-Support Laboratory Analytical Methodology

EB0156

SCREENING ANALYSIS OF SOILS FOR ORGANIC CONSTITUENTS

1. Application: This is a gas chromatographic method applicable to screening analysis for organic constituents in soil samples at the Western Processing site. The method is based on EPA Test Methods 8010 (Halogenated Volatile Organics) and 3550 (Sonication Extraction).

2. Target Compounds: Methylene Chloride, CH_2Cl_2
Trichlorethylene, C_2HCl_3
Tetrachloroethylene, C_2Cl_4

3. Summary of Method: A measured quantity of soil, approximately 25 gms, is weighed out in a VOA vial and solvent extracted with 10 ml or less of a suitable solvent (pentane, iso octane, hexane, etc.). The soil and solvent are sonically mixed and extracted in a high wattage ultrasound cup. The solvent extract layer is recovered and an aliquot injected into the GC column. GC configuration and operating conditions are described herein which permit the separation and measurement of the target compounds in the extract using flame ionization detection (FID). Minimum detection limit is expected to be 0.2 ppm (micrograms per gram) for the target compounds in the soil samples.

4. Materials and Reagents.

4.1 A Hewlett-Packard model 5880A dual column, dual flame ionization gas chromotograph (G.C.) with electronic integrator.

4.2 G.C. columns; 10 percent SP 2100, 100/120 Supelcoport 10-foot x 1/8-inch stainless steel or equivalent.

4.3 Flame ionization detectors.

4.4 Syringes, as required for injection of sample extracts.

4.5 Glassware, volumetric as required for preparation of standards and sample analysis.

4.6 Ultrasound sonification unit; Heat Systems Ultra-Sonics, Inc., Model W-375 ultrasound generator with cup probe.

4.7 Balances, top loading and analytical as needed for preparation of standards and sample analysis.

4.8 Solvents; pentane, hexane, isoctane, etc. spectrograde as required for extraction of samples.

4.9 Support gases: nitrogen, hydrogen and zero air complete with regulators, chemical traps and fittings for connection to G.C.

5. Calibration

5.1 Establish G.C. operating condition to produce resolution of target compounds.

5.2 External calibration with a minimum of three concentration levels for each constituent. One of the standards shall be near the method detection limit (MDL).

5.3 Working calibration shall be verified on each working day by measurement of one or more calibration standard. If the response varies by more than ± 10 percent, the test shall be repeated with fresh calibration standard or new calibration shall be performed using freshly prepared standards.

6. Quality Assurance

6.1 The analyses described herein are intended as screening analyses for the target compounds. Quality assurance checks such as method validation, performance, and precision and accuracy will be performed in the CH2M HILL laboratories prior to use in field screening of samples.

7. Calculations

The concentration of target compounds in the soil samples is calculated as follows:

$$\text{Conc. } \mu g/gm = \frac{(A)\ (Vt)}{(Vi)\ (Ws)}$$

where: A = amount of target compound found (ng)
Vi = volume of extract injected (ul)
Vt = volume of total extract (ml)
Ws = weight of sample (gm)

SCREENING ANALYSIS OF SOIL FOR PHENOL AND BIS (2-ETHYL HEXYL) PHTHALATE

1. Application: This is a gas chromatographic method applicable to screening analysis of soil samples for phenol and bis (2-ethyl hexyl) phthalate from the Western Processing site. The method is based on EPA Test Methods 8040 (phenols) and 8060 (phthalate esters).

2. Target Compounds: Phenol
Bis (2-ethyl hexyl) phthalate

3. Summary of Method:

3.1 A measured quantity of soil, approximately 25 gms, is weighed out in VOA vial or suitable container and enough deionized water, roughly 5-10 ml, is added to slurry the soil.

3.2 Bis (2-ethyl hexyl) phthalate extraction step: the pH of the slurry is measured and, if required, adjusted to between pH 7.0 and 7.5 with dilute NaOH or H_2SO_4. 10 ml of methylene chloride is added, the soil-slurry and solvent are sonically mixed and extracted in a high wattage ultra sound cup. A 1.0-ml portion of the methylene chloride extract is recovered.

3.3 Phenol extraction step: Using the previously extracted sample, 1.0 ml of methylene chloride is added to make up the original 10-ml solvent volume. Adjust the pH of the soil-slurry equal to or less than 2.0 with H_2SO_4, mix and sonically extract as previously discussed. A 1.0-ml portion of the methylene chloride extract is recovered.

3.4 Extract analysis: The 1.0-ml volumes of the extracts are combined and a suitable aliquot injected into the G.C. column. The G.C. configuration and operating conditions described herein permit the separation and measurement of phenol and bis (2-ethyl hexyl) phthalate using flame ionization detection (FID). Minimum detection limit is expected to be 0.1 ppm (micrograms per gram) for the target compounds in the soil samples.

4. Materials and Reagents:

4.1 A Hewlett-Packard model 5880A dual column, dual flame ionization, gas chromatograph with electronic integrator.

4.2 G.C. columns: 1 percent SP 1240 DA, 80/100 Supelcoport 10 foot x 1/8-inch stainless steel (for phenol) and 10 percent SP 2100, 100/120 Supelcoport 10 foot x 1/8-inch stainless steel (for phthalate).

4.3 Flame ionization detector.

4.4 Syringes, as required for injection of sample extracts.

4.5 Glassware, volumetric, as required for preparation of standards and sample analysis.

4.6 Ultra sound sonification unit; Heat Systems Ultra-Sonics, Inc., model W-375 ultra sound generator with cup probe.

4.7 Balances, top loading and analytical as needed for preparation of standards and sample analysis.

4.8 Support gases; nitrogen, hydrogen, and zero air complete with regulators, chemical traps, and fittings for connection to G.C.

4.9 Methylene chloride, spectrophotometry grade

4.10 Deionized water

4.11 Sodium hydroxide, reagent grade, dilute as required

4.12 Sulfuric acid, regent grade, dilute as required

5. Calibration:

5.1 Establish G.C. operating conditions to produce resolution of phenol and bis (2-ethyl hexyl) phthalate.

5.2 External calibration with minimum of three concentration levels for each compound. One of the standards shall be near the method detection limit (MDL).

5.3 Working calibration shall be verified on each working day by measurement of one or more calibration standards. If the response varies by more than ±10 percent, the test shall be repeated with fresh calibration standard or new calibration shall be performed using freshly prepared standards.

6. Quality Assurance: The analyses described herein are intended as screen analyses for the target compounds. Quality assurance checks such as method validation, performance, and precision and accuracy will be performed in the CH2M HILL laboratories prior to use in field screening of samples.

7. Calculations: The concentration of target compounds in the soil samples is calculated as follows:

$$\text{Conc. } \mu g/gm \quad \frac{2(A)\ (Vt)}{(Vi)\ (Ws)}$$

Where: A = Amount of target compound found (ng)
Vi = Volume of extract injected (ul)
Vt = Volume of total extract (ml)
Ws = Weight of sample (gms)
2 = Dilution factor due to combining of extracts

SCREENING ANALYSIS OF SOIL SAMPLES FOR METALS

1. Application

This is an atomic absorption (A.A.) method applicable to screening analysis of soil samples for metallic elements from the Western Processing Site. The method is based on EPA Test Methods 3010 (Acid Digestion Procedure for Flame Atomic Absorption Spectroscopy), 7190 (Chromium), 7520 (Nickel), 7950 (Zinc), 7420 (Lead), and 7130 (Cadmium).

2. Target Elements:

Nickel, Ni	Lead, Pb
Zinc, Zn	Cadmium, Cd
Chromium, Cr	

3. Summary of Method

A measured quantity of soil, approximately 5 gm, is weighed out in a griffin beaker with a watch glass cover. The samples are digested by treatment with 10 ml of 1+1 nitric acid, autoclaved for 45 minutes at 15 psig (251°F), and cooled. Add 5 ml of 30 percent hydrogen peroxide and 10 ml of 1+1 hydrochloric acid. The sample is heated on a hot plate until nitric acid fumes have dissipated and the sample is completely digested. The sample is cooled to room temperature, transferred to 100 ml volumetric flask, diluted to the mark with deionized water, and transferred to a suitable container. The sediments (if present) are allowed to settle. The metal elements are analyzed by direct flame aspiration into the A.A. Sample digestate is diluted as required such that the analysis is within the normal linear range of the element. The A.A. operating conditions described herein permit measurement of the target elements. Minimum detection limit is expected to be 1.0 ppm (microgram per gram) for the target elements.

4. Materials and Reagents

4.1 Atomic absorption system. Perkin-Elmer model 303 with strip chart recorder.

4.2 Hallow cathode tube lamps for Ni, Zn, and Cr.

4.3 Volumetric glassware as required for preparation of standards and sample analysis.

4.4 Griffin beakers, 250-ml tall form with 100-mm watch glass for sample digestions.

4.5 Hot plate; variable temperature control.

4.6 Autoclave

4.7 Nitric acid; reagent grade, redistilled.

4.8 Hydrochloric acid; reagent grade.

4.9 Hydrogen peroxide, 30 percent.

4.10 Standards, stock solutions; 1000 ppm Ni, Zn and Cr.

5. Calibration

5.1 Establish A.A. operating conditions including nebulizer, lamp, burner head, flame, and analytical wave length so as to optimize absorbence for each target element.

5.2 Develop calibration curve for each element with a minimum of three concentration levels within the normal linear range for that element. One of the standards shall be near the method detection limit (MDL).

5.3 Working calibration shall be verified each time a lamp for an element is inserted or at the start of each working day. Mid-range standards will be analyzed along with every lot of 10 samples. If response varies by more than ± 10 percent the test shall be repeated with fresh calibration standard or a new calibration shall be performed using freshly prepared standards.

6. Quality Assurance

The measurements described herein are intended as screening analyses for the target elements in soil. Quality assurance checks such as method validation, performance, and precision and accuracy will be performed in the CH2M HILL laboratories prior to use in field screening of samples.

7. Calculations

The concentration of target elements in the soil samples is calculated as follows:

$$\text{Conc. } \mu g/gm = \frac{(A)\ (Vt)}{Ws}$$

where: A = amount of target element found (μg/ml)
Vt = final volume of digestate (ml)
Ws = weight of sample (gm)

APPENDIX E.

Summary of Close-Support Laboratory Data

EB0164

Western Processing
Filename: Data1
Close Support Lab Field Data
July, 1984

NT= NOT TESTED
BMDL= BELOW METHOD DETECTION LIMIT
* = TRACE AMOUNT
NS = NOT SAMPLED

		ORGANICS DATA (UG/G)					INORGANICS DATA (UG/G)				
SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-MB-01-0	25.5	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-5	20.5	BMDL	0.3	*	*	BMDL	1,580	4,470	6,780	83.6	869
WP-MB-01-10	15.5	BMDL	BMDL	*	*	BMDL	55.4	1,220	2,480	52.2	5.27
WP-MB-01-15	10.5	BMDL	BMDL	BMDL	BMDL	BMDL	12.8	976	2,840	33.6	13.7
WP-MB-01-20	5.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.11	161	23.7	15.6	0.87
WP-MB-01-25	0.5	BMDL	BMDL	BMDL	BMDL	BMDL	5.29	34.4	40.1	10.1	0.20
WP-MB-01-30	-4.5	BMDL	BMDL	BMDL	BMDL	1.9	3.12	26.1	17.0	6.38	0.04
WP-MB-01-35	-9.5	BMDL	BMDL	BMDL	BMDL	BMDL	6.33	31.8	23.0	13.7	NT
WP-MB-01-40	-14.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.90	18.5	21.1	6.33	1.77
WP-MB-01-45	-19.5	BMDL	BMDL	BMDL	BMDL	BMDL	4.58	19.4	17.0	6.73	NT
WP-MB-01-50	-24.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.61	14.5	15.0	6.15	0.08
WP-MB-01-55	-29.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.46	16.9	14.3	7.31	NT
WP-MB-01-60	-34.5	BMDL	BMDL	BMDL	BMDL	BMDL	4.68	20.6	15.7	7.19	0.34
WP-MB-01-65	-39.5	BMDL	BMDL	BMDL	BMDL	BMDL	4.25	21.2	14.2	8.40	NT
WP-MB-01-70A	-44.5	BMDL	BMDL	*	BMDL	BMDL	3.97	30.4	11.8	7.31	0.12
WP-MB-01-70B	-44.5	BMDL	BMDL	*	BMDL	BMDL	4.21	54.8	12.2	9.57	0.14
WP-MB-01-75	-49.5	1.5	*	*	BMDL	BMDL	NT	30.9	15.4	7.76	NT
WP-MB-01-80	-54.5	2.8	*	0.64	BMDL	BMDL	4.04	18.7	13.0	8.05	0.14
WP-MB-01-85	-59.5	2.7	*	0.69	BMDL	BMDL	NT	18.3	12.3	7.99	NT
WP-MB-01-90	-64.5	2.3	*	0.64	BMDL	BMDL	3.52	24.1	11.5	7.67	0.08
WP-MB-01-95	-69.5	1.5	*	*	BMDL	BMDL	NT	16.6	12.7	7.79	NT
WP-MB-01-100	-74.5	1.5	*	*	BMDL	BMDL	3.43	17.8	13.1	8.37	0.09
WP-MB-02-0	25.4	BMDL	BMDL	BMDL	BMDL	BMDL	2,340	10,600	3,910	379	11.7
WP-MB-02-5	20.4	*	6.00	0.63	2.00	BMDL	631	5,070	2,690	85.7	9.9
WP-MB-01-10	15.4	*	*	*	*	0.62	28.0	927	2,010	27.3	18.8
WP-MB-02-15	10.4	4.2	*	BMDL	BMDL	0.83	67.1	1,050	1,330	33.8	12.0
WP-MB-02-20	5.4	BMDL	BMDL	BMDL	BMDL	BMDL	4.45	218	102	14.3	1.10
WP-MB-02-25	0.4	BMDL	BMDL	BMDL	BMDL	1.16	13.2	126	75.8	9.68	0.72
WP-MB-02-30	-4.6	BMDL	BMDL	BMDL	BMDL	BMDL	2.23	24.2	15.2	6.42	0.22
WP-MB-02-35	-9.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.40	26.4	18.4	5.08	0.26
WP-MB-02-40A	-14.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.69	23.6	15.6	4.98	0.25
WP-MB-02-40B	-14.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.64	20.7	15.0	6.59	2.90
WP-MB-02-45	-19.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.78	28.8	15.9	8.92	0.34
WP-MB-02-50	-24.6	BMDL	BMDL	BMDL	BMDL	BMDL	4.39	20.7	13.6	5.56	0.27
WP-MB-02-55	-29.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.34	26.4	15.1	7.96	0.27
WP-MB-02-60	-34.6	BMDL	BMDL	BMDL	BMDL	BMDL	2.86	26.4	15.7	8.83	0.36
WP-MB-03-0	25.2	BMDL	BMDL	BMDL	BMDL	BMDL	1,610	1,040	1,400	505	13.8
WP-MB-03-5	20.2	BMDL	BMDL	BMDL	BMDL	BMDL	240	1,520	1,400	410	42.9
WP-MB-03-10	15.2	BMDL	65.2	BMDL	35.8	BMDL	128	8,050	7,640	570	109
WP-MB-03-15	10.2	BMDL	BMDL	0.95	11.3	BMDL	185	2,420	3,700	285	61.4
WP-MB-03-20	5.2	BMDL	0.99	BMDL	BMDL	BMDL	19.7	400	135	29.2	5.61
WP-MB-03-25A	0.2	*	BMDL	BMDL	BMDL	BMDL	7.55	61.5	21.8	9.10	0.56
WP-MB-03-25B	0.2	BMDL	BMDL	BMDL	BMDL	BMDL	4.76	75.1	21.2	7.68	0.41

Western Processing
Filename: Data1
Close Support Lab Field Data
July, 1984

NT= NOT TESTED
BMDL= BELOW METHOD DETECTION LIMIT
* = TRACE AMOUNT
NS = NOT SAMPLED

		ORGANICS DATA (UG/G)					INORGANICS DATA (UG/G)				
SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-MB-03-34	-4.8	BMDL	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-37	-9.8	BMDL	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-40	-14.8	*	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-45	-19.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-50	-24.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-55	-29.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-60	-34.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-65	-39.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-70	-44.8	*	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-75	-49.8	BMDL	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-80	-54.8	*	BMDL	BMDL	BMDL	2.11	NT	NT	NT	NT	NT
WP-MB-03-85	-59.8	*	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-90	-64.8	*	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-MB-03-95	-69.8	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-100	-74.8	BMDL	BMDL	BMDL	BMDL	BMDL	NT	NT	NT	NT	NT
WP-DB-01-0	22.1	BMDL	BMDL	BMDL	BMDL	BMDL					
WP-DB-01-10	12.1	BMDL	BMDL	BMDL	BMDL	BMDL	4.10	25.2	17.8	11.6	NT
WP-DB-01-20	2.1	BMDL	BMDL	BMDL	BMDL	BMDL	6.18	23.4	12.8	9.00	NT
WP-DB-01-30	-7.9	BMDL	BMDL	BMDL	BMDL	BMDL	6.80	34.2	18.6	12.8	NT
WP-DB-01-50	-27.9	BMDL	BMDL	BMDL	BMDL	BMDL	6.01	21.0	14.3	9.59	NT
WP-DB-01-103	-80.9	BMDL	BMDL	BMDL	BMDL	BMDL	5.18	23.8	16.6	10.6	NT
WP-DB-01-147	-124.9	BMDL	BMDL	BMDL	BMDL	BMDL	3.46	18.9	12.2	8.61	NT
WP-DB-01-200	-177.9	BMDL	BMDL	BMDL	BMDL	BMDL	5.20	26.3	13.0	9.43	NT
WP-DB-01-355	-332.9	BMDL	BMDL	BMDL	BMDL	*	10.1	32.9	28.3	21.3	NT
WP-IB-01-0	21.2	BMDL	BMDL	BMDL	BMDL	*	18.5	762	22.3	15.5	NT
WP-IB-01-4	17.2	BMDL	0.26	BMDL	BMDL	0.26	9.87	464	23.0	17.8	NT
WP-IB-01-9	12.2	NT	NT	NT	NT	NT	10.0	1,630	27.7	25.7	NT
WP-IB-01-14	7.2	BMDL	1.59	BMDL	BMDL	*	5.69	32.0	12.4	9.43	NT
WP-IB-01-19	2.2	BMDL	0.80	BMDL	BMDL	6.64	6.07	35.0	11.6	8.84	NT
WP-IB-01-24	-2.8	BMDL	BMDL	BMDL	BMDL	BMDL	4.67	18.0	14.6	8.69	NT
WP-IB-01-29	-7.8	BMDL	BMDL	BMDL	BMDL	0.79	5.92	19.3	9.70	6.90	NT
WP-IB-01-34	-12.8	BMDL	BMDL	BMDL	BMDL	2.82	8.14	27.6	13.5	12.6	NT
WP-IB-01-39A	-17.8	BMDL	BMDL	BMDL	BMDL	BMDL	5.16	20.2	15.4	9.52	NT
WP-IB-01-39B	-17.8	BMDL	BMDL	BMDL	BMDL	BMDL	5.20	18.5	13.5	8.95	NT
WP-IB-01-44	-22.8	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
WP-IB-01-49	-27.8	NT	NT	NT	NT	NT	5.44	20.5	13.8	7.78	NT
WP-IB-01-54	-32.8	NT	NT	NT	NT	NT	5.51	21.1	12.4	7.46	NT
WP-IB-01-59	-37.8	NT	NT	NT	NT	NT	5.70	22.7	12.9	9.71	NT
WP-IB-01-64	-42.8	NT	NT	NT	NT	NT	7.17	41.6	14.1	10.2	NT

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SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-IB-02-0	21.8	BMDL	BMDL	BMDL	BMDL	0.26	49.7	95.0	62.3	28.0	NT
WP-IB-02-4	17.8	BMDL	BMDL	BMDL	BMDL	BMDL	4.35	21.5	14.8	10.7	NT
WP-IB-02-9	12.8	BMDL	0.60	0.24	BMDL	BMDL	9.63	466	17.1	19.0	NT
WP-IB-02-14	7.8	NT	NT	NT	NT	NT	6.05	1,020	15.8	15.9	NT
WP-IB-02-19	2.8	BMDL	BMDL	BMDL	BMDL	4.03	8.41	44.3	22.1	17.6	NT
WP-IB-02-24	-2.2	BMDL	BMDL	BMDL	BMDL	3.7	6.78	29.0	15.5	12.1	NT
WP-IB-02-29	-7.2	BMDL	BMDL	BMDL	BMDL	BMDL	1.64	20.7	16.2	10.4	NT
WP-IB-02-34	-12.2	BMDL	BMDL	BMDL	BMDL	*	3.89	18.3	13.2	8.97	NT
WP-IB-02-39	-17.2	BMDL	BMDL	BMDL	BMDL	5.64	7.95	34.5	27.5	17.4	NT
WP-IB-02-44	-22.2	BMDL	BMDL	BMDL	BMDL	*	5.10	22.1	22.3	15.9	NT
WP-IB-02-49	-27.2	BMDL	BMDL	BMDL	BMDL	BMDL	19.4	24.6	20.7	11.9	NT
WP-IB-02-54A	-32.2	NT	NT	NT	NT	NT	2.23	24.7	22.0	13.9	NT
WP-IB-02-54B	-32.2	NT	NT	NT	NT	NT	2.75	22.0	21.5	9.57	NT
WP-IB-02-59	-37.2	BMDL	BMDL	BMDL	BMDL	BMDL	0.88	27.2	28.1	12.4	NT
WP-IB-03-0	23.9	BMDL	BMDL	BMDL	BMDL	BMDL	9.43	48.0	39.9	32.1	NT
WP-IB-03-4	19.9	NT	NT	NT	NT	NT	14.4	41.3	18.7	13.4	NT
WP-IB-03-9	14.9	BMDL	BMDL	BMDL	BMDL	BMDL	4.78	21.6	12.4	9.35	NT
WP-IB-03-14	9.9	BMDL	BMDL	BMDL	BMDL	BMDL	8.58	23.4	14.9	9.83	NT
WP-IB-03-19	4.9	NT	NT	NT	NT	NT	3.59	18.0	9.49	6.81	NT
WP-IB-03-24	-0.1	BMDL	BMDL	BMDL	BMDL	BMDL	3.45	17.9	11.1	7.59	NT
WP-IB-03-29	-5.1	NT	NT	NT	NT	NT	4.75	16.6	10.6	6.88	NT
WP-IB-03-34A	-10.1	BMDL	BMDL	BMDL	BMDL	BMDL	3.47	16.6	10.6	6.64	NT
WP-IB-03-34B	-10.1	BMDL	BMDL	BMDL	BMDL	BMDL	4.33	16.5	10.5	6.45	NT
WP-IB-03-39	-15.1	BMDL	BMDL	BMDL	BMDL	0.36	5.70	22.3	11.8	9.79	NT
WP-IB-03-44	-20.1	BMDL	BMDL	BMDL	BMDL	BMDL	6.18	22.6	13.3	9.80	NT
WP-IB-03-49	-25.1	BMDL	BMDL	BMDL	BMDL	0.60	3.44	17.8	10.5	8.88	NT
WP-IB-03-54	-30.1	BMDL	BMDL	BMDL	BMDL	BMDL	2.96	16.5	8.84	8.47	NT
WP-IB-03-59	-35.1	BMDL	*	*	BMDL	0.73	4.28	23.9	13.6	10.4	NT
WP-SB-01-0	24.6	NT	NT	NT	NT	NT	15.0	64.5	22.1	17.4	NT
WP-SB-01-4	20.6	BMDL	BMDL	BMDL	BMDL	0.33	14.7	44.2	20.3	25.4	NT
WP-SB-01-9	15.6	BMDL	BMDL	BMDL	BMDL	BMDL	7.02	242	3,510	24.3	NT
WP-SB-01-14	10.6	BMDL	0.33	*	BMDL	BMDL	7.46	2,380	25.4	30.3	NT
WP-SB-01-19	5.6	BMDL	0.28	BMDL	BMDL	BMDL	4.16	454	10.7	7.68	NT
WP-SB-01-24A	0.6	BMDL	BMDL	BMDL	BMDL	BMDL	6.22	36.8	16.5	12.2	NT
WP-SB-01-24B	0.6	BMDL	BMDL	BMDL	BMDL	BMDL	5.55	22.6	15.4	10.5	NT
WP-SB-01-29	-4.4	BMDL	BMDL	BMDL	BMDL	*	4.71	20.3	13.9	8.23	NT
WP-SB-02-0	25.4	NT	NT	NT	NT	NT	24.9	96.4	27.9	23.9	NT
WP-SB-02-4	21.4	BMDL	BMDL	BMDL	BMDL	BMDL	9.67	39.8	14.6	13.4	NT
WP-SB-02-9	16.4	BMDL	*	BMDL	BMDL	BMDL	8.48	1,680	20.1	23.9	NT

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SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-SB-02-14	11.4	1.65	0.56	BMDL	*	*	12.8	2,520	26.1	20.7	NT
WP-SB-02-19	6.4	BMDL	BMDL	*	BMDL	*	14.9	89.5	22.4	19.7	NT
WP-SB-02-24	1.4	NT	NT	NT	NT	NT	8.54	49.2	17.1	15.5	NT
WP-SB-02-29	-3.6	BMDL	BMDL	BMDL	BMDL	BMDL	4.70	19.8	12.6	7.88	NT
WP-SB-03-0	25.6	NT	NT	NT	NT	NT	12.6	80.5	17.8	14.5	NT
WP-SB-03-4	21.6	BMDL	BMDL	BMDL	BMDL	BMDL	3.94	27.7	15.6	11.9	NT
WP-SB-03-9	16.6	BMDL	BMDL	BMDL	BMDL	*	6.39	42.3	19.1	14.9	NT
WP-SB-03-14	11.6	NT	NT	NT	NT	NT	14.8	35.0	11.5	13.3	NT
WP-SB-03-19	6.6	BMDL	BMDL	BMDL	BMDL	BMDL	6.34	29.6	13.1	11.5	NT
WP-SB-03-24	1.6	NT	NT	NT	NT	NT	4.89	18.7	9.74	7.72	NT
WP-SB-03-29A	-3.4	BMDL	BMDL	BMDL	BMDL	BMDL	7.93	29.5	13.8	12.8	NT
WP-SB-03-29B	-3.4	BMDL	BMDL	BMDL	BMDL	BMDL	11.3	29.7	13.8	11.4	NT
WP-SB-03-34	-8.4	BMDL	BMDL	BMDL	BMDL	BMDL	3.36	14.8	8.27	4.90	NT
WP-SB-04-0	19.9	*	BMDL	BMDL	BMDL	BMDL	207	1,010	1,640	50.9	NT
WP-SB-04-5	15.9	BMDL	BMDL	BMDL	BMDL	BMDL	10.3	785	353	38.3	NT
WP-SB-04-10	10.9	BMDL	BMDL	BMDL	BMDL	BMDL	6.85	109	16.1	23.7	NT
WP-SB-04-14	5.9	BMDL	BMDL	BMDL	BMDL	BMDL	3.58	23.1	13.1	18.1	NT
WP-SB-04-19	0.9	*	BMDL	BMDL	BMDL	BMDL	<3	12.8	9.24	9.65	NT
WP-SB-04-24	-4.1	*	BMDL	BMDL	BMDL	BMDL	<3	15.1	6.89	13.9	NT
WP-SB-04-29	-9.1	*	BMDL	BMDL	BMDL	11.98	12.3	39.6	25.7	28.0	NT
WP-SB-04-34	-14.1	*	BMDL	BMDL	BMDL	0.91	8.67	25.6	16.2	20.6	NT
WP-SB-05-0	22.1	4.43	BMDL	BMDL	BMDL	BMDL	33.9	222	80.2	16.4	NT
WP-SB-05-4	18.1	4.04	BMDL	BMDL	BMDL	BMDL	34.8	161	34.4	16.0	NT
WP-SB-05-9	13.1	5.09	BMDL	BMDL	BMDL	BMDL	6.16	30.0	16.3	13.5	NT
WP-SB-05-14	8.1	BMDL	BMDL	BMDL	BMDL	BMDL	8.61	40.7	19.6	14.8	NT
WP-SB-05-19A	3.1	BMDL	BMDL	BMDL	BMDL	BMDL	5.86	25.4	13.2	10.0	NT
WP-SB-05-19B	3.1	2.26	BMDL	BMDL	BMDL	2.15	5.90	20.3	9.44	9.12	NT
WP-SB-05-24	-1.9	2.5	BMDL	BMDL	BMDL	BMDL	1.81	15.8	15.9	7.28	NT
WP-SB-05-29	-6.9	2.7	BMDL	BMDL	BMDL	0.8	5.10	20.6	12.7	10.9	NT
WP-SB-05-34	-11.9	5.9	BMDL	BMDL	BMDL	9.20	7.10	23.0	12.6	12.2	NT
WP-SB-05-39	-16.9	BMDL	BMDL	BMDL	BMDL	BMDL	5.19	18.7	12.1	11.0	NT
WP-SB-06-0	17.6	BMDL	BMDL	BMDL	BMDL	BMDL	74.5	476	1,550	21.2	NT
WP-SB-06-4	13.6	BMDL	BMDL	BMDL	BMDL	BMDL	11.9	519	52.4	17.5	NT
WP-SB-06-9	8.6	BMDL	BMDL	BMDL	BMDL	*	8.32	31.6	18.4	18.7	NT
WP-SB-06-14	3.6	BMDL	BMDL	BMDL	BMDL	0.71	6.34	29.8	17.1	12.0	NT
WP-SB-06-19	-1.4	BMDL	BMDL	BMDL	BMDL	BMDL	2.07	15.1	15.0	5.04	NT
WP-SB-06-24	-6.4	BMDL	BMDL	BMDL	BMDL	0.57	3.19	20.6	14.4	8.65	NT
WP-SB-06-29	-11.4	BMDL	BMDL	BMDL	NT	11.04	5.84	31.6	21.8	13.7	NT
WP-SB-06-34	-16.4	BMDL	BMDL	BMDL	BMDL	2.40	5.87	23.7	14.6	8.56	NT
WP-SB-07-0	24.1	NT	NT	NT	NT	NT	46.4	99.9	46.9	22.8	NT

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SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-SB-07-4	20.1	BMDL	BMDL	BMDL	BMDL	BMDL	19.7	50.3	18.9	13.1	NT
WP-SB-07-9	15.1	BMDL	BMDL	BMDL	BMDL	BMDL	6.73	26.8	17.0	10.7	NT
WP-SB-07-14	10.1	NT	NT	NT	NT	NT	21.1	24.9	15.8	7.84	NT
WP-SB-07-19	5.1	BMDL	BMDL	BMDL	BMDL	0.41	21.4	18.8	16.9	9.87	NT
WP-SB-07-24A	0.1	NT	NT	NT	NT	NT	10.0	22.0	11.1	8.21	NT
WP-SB-07-24B	0.1	NT	NT	NT	NT	NT	5.12	22.9	12.8	9.19	NT
WP-SB-07-29	-4.9	BMDL	BMDL	BMDL	BMDL	BMDL	32.0	32.9	16.7	11.76	NT
WP-SB-07-34	-9.9	NT	NT	NT	NT	NT	7.91	20.1	11.5	7.79	NT
WP-SB-08-0	23.1	NT	NT	NT	NT	NT	80.0	118	40.9	18.7	NT
WP-SB-08-4	19.1	BMDL	BMDL	BMDL	BMDL	BMDL	5.93	30.4	13.1	11.9	NT
WP-SB-08-9	14.1	66.9	7.42	BMDL	9.03	0.52	59.3	159	77.1	17.9	NT
WP-SB-08-14	9.1	BMDL	*	*	*	BMDL	58.2	21.3	16.3	7.56	NT
WP-SB-08-19	4.1	NT	NT	NT	NT	NT	4.48	19.1	11.5	6.19	NT
WP-SB-08-24	-0.9	BMDL	0.35	*	BMDL	BMDL	48.6	21.9	12.0	7.73	NT
WP-SB-08-29	-5.9	NT	NT	NT	NT	NT	2.16	30.3	11.7	7.26	NT
WP-SB-09-0	22.8	BMDL	BMDL	4.8	BMDL	50	286	762	756	35.4	NT
WP-SB-09-4	18.8	NT	NT	NT	NT	NT	6.75	23.7	15.2	8.87	NT
WP-SB-09-9	13.8	BMDL	*	*	*	*	12.7	171	19.5	19.2	NT
WP-SB-09-14	8.8	NT	NT	NT	NT	NT	15.6	24.0	14.0	9.44	NT
WP-SB-09-19	3.8	BMDL	*	*	BMDL	3.37	11.7	33.2	17.7	16.6	NT
WP-SB-09-24	-1.2	NT	NT	NT	NT	NT	11.2	33.8	17.4	12.2	NT
WP-SB-09-29	-6.2	BMDL	0.37	*	BMDL	*	16.1	146	10.5	10.3	NT
WP-SB-09-34	-11.2	BMDL	*	*	BMDL	9.82	5.43	31.3	8.16	9.32	NT
WP-SB-10-0	24.2	NT	NT	NT	NT	NT	35.8	33.1	20.8	13.0	NT
WP-SB-10-4	20.2	BMDL	BMDL	BMDL	BMDL	BMDL	8.22	18.3	8.51	8.38	NT
WP-SB-10-9	15.2	BMDL	BMDL	BMDL	BMDL	BMDL	9.77	22.0	13.2	9.66	NT
WP-SB-10-14	10.2	BMDL	BMDL	BMDL	BMDL	BMDL	7.82	23.4	15.3	9.64	NT
WP-SB-10-19	5.2	BMDL	BMDL	BMDL	BMDL	BMDL	8.66	20.2	11.8	10.6	NT
WP-SB-10-24	0.2	BMDL	BMDL	BMDL	BMDL	0.40	7.20	17.0	8.35	6.82	NT
WP-SB-10-29	-4.8	NT	NT	NT	NT	NT	9.73	28.7	10.7	11.0	NT
WP-SB-11-0	21.5	NT	NT	NT	NT	NT	55.7	118	37.4	20.4	NT
WP-SB-11-4	17.5	BMDL	BMDL	BMDL	BMDL	BMDL	12.2	22.1	13.7	10.4	NT
WP-SB-11-9	12.5	BMDL	BMDL	BMDL	BMDL	5.02	9.57	37.7	21.2	16.9	NT
WP-SB-11-14	7.5	BMDL	0.27	BMDL	BMDL	BMDL	12.6	17.5	12.4	11.0	NT
WP-WB-11-19A	2.5	NT	NT	NT	NT	NT	8.67	32.8	13.4	12.8	NT
WP-SB-11-19B	2.5	BMDL	BMDL	BMDL	BMDL	15.8	11.8	30.2	13.4	11.6	NT
WP-SB-11-24	-2.5	BMDL	BMDL	BMDL	BMDL	5.25	14.6	25.5	14.1	10.3	NT
WP-SB-11-29	-7.5	BMDL	BMDL	BMDL	BMDL	BMDL	12.5	22.1	15.2	9.82	NT
WP-SB-12-0	23.6	BMDL	BMDL	BMDL	BMDL	BMDL	130	101	65.4	25.5	NT
WP-SB-12-4	19.6	BMDL	BMDL	BMDL	BMDL	*	19.0	33.0	21.9	15.4	NT

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SAMPLE NO.	GROUND ELEVATION	METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-SB-12-9	14.6	BMDL	BMDL	BMDL	BMDL	*	11.8	35.8	14.5	9.92	NT
WP-SB-12-14	9.6	NT	NT	NT	NT	NT	5.82	19.4	10.9	6.98	NT
WP-SB-12-19	4.6	BMDL	*	BMDL	BMDL	BMDL	6.06	24.3	9.88	7.72	NT
WP-SB-12-29A	-0.4	BMDL	BMDL	BMDL	BMDL	BMDL	5.73	18.5	11.3	7.06	NT
WP-SB-12-29B	-0.4	BMDL	BMDL	BMDL	BMDL	BMDL	5.68	18.7	14.0	7.25	NT
WP-SB-13-0	23.9	BMDL	0.39	BMDL	*	1.17	133	72.6	26.6	16.7	NT
WP-SB-13-4	19.9	BMDL	0.66	BMDL	BMDL	BMDL	11.7	40.9	25.5	13.3	NT
WP-SB-13-9	14.9	BMDL	0.29	*	BMDL	BMDL	6.64	18.3	11.7	7.34	NT
WP-SB-13-14	9.9	BMDL	*	BMDL	BMDL	BMDL	10.7	22.6	14.5	8.38	NT
WP-SB-13-19	4.9	BMDL	BMDL	BMDL	BMDL	BMDL	1.25	15.4	16.0	5.74	NT
WP-SB-13-24	-0.1	BMDL	BMDL	BMDL	BMDL	BMDL	26.7	19.7	11.8	6.78	NT
WP-SB-13-29	-5.1	NT	NT	NT	NT	NT	(0.05	17.0	11.1	5.91	NT
WP-SB-13-34	-10.1	BMDL	BMDL	BMDL	BMDL	BMDL	(0.05	15.8	9.68	5.34	NT
WP-SB-14-0	22.8	BMDL	6.1	BMDL	BMDL	BMDL	434	569	172	65.0	NT
WP-SB-14-4	18.8	BMDL	93.5	BMDL	BMDL	BMDL	6.15	31.1	14.6	12.0	NT
WP-SB-14-9	13.8	BMDL	3.04	BMDL	BMDL	BMDL	3.09	19.1	9.56	7.75	NT
WP-SB-14-14	8.8	BMDL	*	BMDL	BMDL	BMDL	1.89	21.0	10.8	9.81	NT
WP-SB-14-19	3.8	BMDL	*	BMDL	BMDL	BMDL	2.61	20.6	11.1	9.12	NT
WP-SB-14-24	-1.2	NT	NT	NT	NT	NT	2.80	16.8	7.42	6.28	NT
WP-SB-14-29	-6.2	BMDL	0.33	BMDL	BMDL	BMDL	2.24	21.0	8.73	8.75	NT
WP-SB-14-34	-11.2	NT	NT	NT	NT	NT	1.63	20.9	9.83	8.80	NT
WP-SB-14-39	-16.2	BMDL	*	BMDL	BMDL	BMDL	2.71	16.7	9.03	7.98	NT
WP-SB-15-0	23.4	BMDL	BMDL	BMDL	BMDL	BMDL	119	35.7	72.8	85.9	NT
WP-SB-15-4	19.4	BMDL	1.06	BMDL	BMDL	BMDL	5.54	25.4	17.07	11.5	NT
WP-SB-15-9	14.4	BMDL	3.38	BMDL	BMDL	BMDL	45.3	28.0	18.5	10.7	NT
WP-SB-15-14	9.4	BMDL	*	BMDL	BMDL	BMDL	3.58	20.3	12.6	7.70	NT
WP-SB-15-19	4.4	BMDL	BMDL	BMDL	BMDL	BMDL	4.33	17.4	10.2	6.75	NT
WP-SB-15-24	-0.6	NT	NT	NT	NT	NT	4.18	17.5	15.6	6.60	NT
WP-SB-15-29A	-5.6	NT	NT	NT	NT	NT	3.48	22.3	13.4	5.30	NT
WP-SB-15-29B	-5.6	BMDL	BMDL	BMDL	BMDL	0.31	6.04	27.1	9.83	6.59	NT
WP-SB-16-0	22.6	BMDL	BMDL	BMDL	BMDL	BMDL	172	249	41.4	27.2	NT
WP-SB-16-4	18.6	BMDL	*	BMDL	BMDL	BMDL	1.99	23.4	11.1	9.70	NT
WP-SB-16-9	13.6	BMDL	*	BMDL	BMDL	BMDL	0.65	34.5	8.50	8.60	NT
WP-SB-16-14	8.6	BMDL	1.59	BMDL	BMDL	1.66	4.24	33.1	16.5	14.7	NT
WP-SB-16-19	3.6	BMDL	BMDL	BMDL	BMDL	*	3.46	17.9	9.4	12.1	NT
WP-SB-16-24	-1.4	BMDL	BMDL	BMDL	BMDL	BMDL	3.19	16.0	8.7	6.41	NT
WP-SB-16-29A	-6.4	BMDL	BMDL	BMDL	BMDL	BMDL	6.01	16.7	9.0	6.59	NT
WP-SB-16-29B	-6.4	BMDL	BMDL	BMDL	BMDL	BMDL	5.72	18.5	10.3	6.59	NT
WP-SB-17-0	23.5	BMDL	BMDL	BMDL	BMDL	BMDL	212	892	67.4	79.4	NT
WP-SB-17-4	19.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.39	48.2	13.8	15.3	NT

Western Processing
Filename: Data1
Close Support Lab Field Data
July, 1984

NT= NOT TESTED
BMDL= BELOW METHOD DETECTION LIMIT
t = TRACE AMOUNT
NS = NOT SAMPLED

SAMPLE NO.	GROUND ELEVATION	ORGANICS DATA (UG/G) METHYLENE CHLORIDE	TRICHLORO-ETHLYENE	TETRACHLORO-ETHYLENE	PHENOL	BIS(2-ETHYL HEXYL) PHTHALATE	INORGANICS DATA (UG/G) LEAD	ZINC	CHROMIUM	NICKEL	CADMIUM
WP-SB-17-9	14.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.88	19.2	10.8	9.32	NT
WP-SB-17-14	9.5	BMDL	BMDL	BMDL	BMDL	BMDL	73.8	47.6	10.6	8.84	NT
WP-SB-17-19	4.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.90	13.8	6.16	5.66	NT
WP-SB-17-24	-0.5	BMDL	BMDL	BMDL	BMDL	BMDL	5.67	36.5	12.7	12.4	NT
WP-SB-17-29	-5.5	NT	NT	NT	NT	NT	6.48	27.5	10.8	8.09	NT
WP-SB-17-34	-10.5	BMDL	BMDL	BMDL	BMDL	BMDL	3.38	19.0	8.95	7.42	NT
WP-SB-18-0	24.3	BMDL	BMDL	BMDL	BMDL	BMDL	41.4	104	26.5	13.8	NT
WP-SB-18-4	20.3	BMDL	BMDL	BMDL	BMDL	BMDL	8.19	31.8	20.8	15.5	NT
WP-SB-18-9	15.3	BMDL	BMDL	BMDL	BMDL	BMDL	12.3	22.5	6.00	5.37	NT
WP-SB-18-14	10.3	BMDL	0.92	BMDL	BMDL	BMDL	6.33	20.4	6.40	11.6	NT
WP-SB-18-19	5.3	BMDL	BMDL	BMDL	BMDL	BMDL	8.43	24.9	10.4	10.7	NT
WP-SB-18-24A	0.3	NT	NT	NT	NT	NT	3.89	16.3	7.46	5.67	NT
WP-SB-18-24B	0.3	NT	NT	NT	NT	NT	3.66	14.4	7.16	4.59	NT
WP-SB-18-29	-4.7	BMDL	BMDL	BMDL	BMDL	BMDL	6.87	19.2	10.0	7.43	NT
WP-SB-19-0	21.8	BMDL	BMDL	BMDL	BMDL	1.14	50.5	108	184	16.1	NT
WP-SB-19-4	17.8	BMDL	BMDL	BMDL	BMDL	BMDL	22.8	77.2	18.7	10.1	NT
WP-SB-19-9	12.8	BMDL	BMDL	BMDL	BMDL	1.26	8.06	42.2	17.7	12.8	NT
WP-SB-19-14	7.8	BMDL	BMDL	BMDL	BMDL	BMDL	65.8	70.2	15.3	9.61	NT
WP-SB-19-19	2.8	BMDL	BMDL	BMDL	BMDL	1.63	4.34	18.2	12.6	8.37	NT
WP-SB-19-24	-2.2	BMDL	BMDL	BMDL	BMDL	BMDL	15.8	21.5	12.6	10.8	NT
WP-SB-19-29	-7.2	BMDL	BMDL	BMDL	BMDL	0.75	9.59	24.5	15.6	9.59	NT
WP-SB-19-34	-12.2	BMDL	BMDL	BMDL	BMDL	10.7	7.83	20.9	12.7	6.81	NT
WP-SB-19-39	-17.2	BMDL	BMDL	BMDL	BMDL	BMDL	2.82	15.1	13.1	5.94	NT
WP-SB-19-46	-24.2	BMDL	BMDL	BMDL	BMDL	BMDL	3.71	20.4	13.7	7.10	NT
WP-SB-20-0	23.9	BMDL	BMDL	BMDL	BMDL	BMDL	20.6	70.4	14.6	10.7	NT
WP-SB-20-4	19.9	NT	NT	NT	NT	NT	3.69	19.9	11.9	7.92	NT
WP-SB-20-9	14.9	BMDL	BMDL	BMDL	BMDL	BMDL	6.42	21.9	14.9	9.54	NT
WP-SB-20-14	9.9	BMDL	BMDL	BMDL	BMDL	BMDL	5.30	22.0	14.8	8.81	NT
WP-SB-20-19	4.9	BMDL	BMDL	BMDL	BMDL	BMDL	7.06	22.1	17.3	12.3	NT
WP-SB-20-24A	-0.1	BMDL	BMDL	BMDL	BMDL	BMDL	5.12	20.3	12.4	8.59	NT
WP-SB-20-24B	-0.1	BMDL	BMDL	BMDL	BMDL	BMDL	5.22	21.1	12.4	8.64	NT
WP-SB-20-29	-5.1	BMDL	BMDL	BMDL	BMDL	BMDL	8.93	15.6	9.35	6.29	NT

APPENDIX F.

Summary of Contract Laboratory Program Inorganics Data; Soil and Groundwater Samples and Transport Blanks

EB0172

ORGANIC/INORGANIC DESCRIPTOR DEFINITIONS

U = Undetected at given detection limit

C = Concentration corrected for blank

M = K = Not quantified but concentration is between the stated detection limit and five times the detection limit

ND = No data currently available. Sample was not submitted to the CLP for analysis

ND = NT = Sample submitted to the CLP but no test data was received. Sample assumed not tested

NA = Sample not analyzed. Sample not submitted to the CLP for analysis

J = Estimated concentration

ND/B = UB = Not detected due to contamination in laboratory blank. Concentration corrected for blank error to indicate nondetection.

FILENAME:WESTERN
WESTERN PROCESSING
REMEDIAL INVESTIGATION
QA'd INORGANICS DATA
SUMMER 1984
DATA INPUT 10/15/84

ALL RESULTS IN MG/KG ON A WET WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-MB-01-5	MJ-2361	8050	1.1	62.50	66.5	0.70	6.80	4880.00	5.70	416.50	23400.0	3120.00	14.50	670.0	0.30	73.00	<0.10	1.20	<0.5	3.7	53.5	5500.00
WP-MB-01-10	MJ-2362	10300	1.0	4.20	56.6	0.41	4.20	993.00	4.11	78.40	10600.0	309.80	2.80	384.0	0.10	43.80	<0.10	<0.50	<0.5	1.5	27.9	1090.00
WP-MB-01-15	MJ-2363	15300	1.0	7.00	64.2	1.10	21.20	1080.00	5.90	37.60	12100.0	2.55	1.70	144.0	0.14	29.80	<0.10	<0.50	<0.5	<1.0	37.7	1100.00
WP-MB-01-20	MJ-2364	3460	1.0	0.65	12.0	0.35	0.37	10.50	<2.50	6.30	3100.0	10.00	0.33	64.0	<0.10	6.80	<0.10	<0.50	<0.5	<1.0	<10.0	71.00
WP-MB-01-25	MJ-2365	5950	1.0	2.50	27.0	<0.25	0.07	27.00	<2.50	10.90	6100.0	1.45	0.25	69.0	<0.10	4.50	<0.10	<0.50	<0.5	<1.0	19.8	31.10
WP-MB-01-30	MJ-2366	5400	1.0	1.10	18.8	0.60	<0.05	6.30	<2.50	8.20	4320.0	2.35	0.35	45.0	<0.10	3.55	<0.10	<0.50	<0.5	<1.0	14.3	10.80
WP-MB-01-35	MJ-2367	8600	1.0	2.90	43.0	0.30	0.10	10.20	4.80	21.00	9850.0	3.15	0.33	130.0	0.10	9.90	<0.10	<0.50	<0.5	<1.0	24.0	21.00
WP-MB-01-40	MJ-2368	3500	1.0	0.75	12.8	0.40	<0.05	6.00	<2.50	8.00	3950.0	0.80	0.53	47.2	<0.10	4.00	<0.10	<0.50	<0.5	<1.0	12.6	10.40
WP-MB-01-50	MJ-2369	4450	1.0	1.25	12.3	<0.25	0.17	9.50	2.70	10.80	5.7	0.87	<0.25	75.9	<0.10	7.00	<0.10	<0.50	<0.5	<1.0	19.1	33.50
WP-MB-01-60	MJ-2370	5600	1.0	1.00	21.0	0.50	<0.05	9.10	3.30	11.50	7.1	1.70	<0.25	85.8	<0.10	7.20	<0.10	<0.50	<0.5	<1.0	20.6	17.30
WP-MB-01-70A	MJ-2371	3650	1.0	0.75	13.6	0.60	0.08	4.80	<2.50	7.70	4850.0	4.00	<0.25	64.0	<0.10	5.40	<0.10	<0.50	<0.5	<1.0	11.7	15.70
WP-MB-01-70B	MJ-2372	3300	1.0	0.55	14.0	<0.25	<0.05	3.80	<2.50	8.20	4700.0	0.80	34.30	58.3	<0.10	5.10	<0.10	<0.50	<0.5	<1.0	10.5	10.70
WP-MB-01-80	MJ-2373	7500	1.0	2.40	33.0	0.60	0.06	8.15	4.10	15.30	8700.0	1.35	<0.25	91.0	<0.10	7.10	<0.10	<0.50	<0.5	<1.0	25.0	19.60
WP-MB-01-90	MJ-2374	4670	1.0	1.30	20.2	<0.25	<0.05	5.90	3.20	12.50	6600.0	0.95	<0.25	101.0	<0.10	6.00	<0.10	<0.50	<0.5	1.5	16.5	22.00
WP-MB-01-100	MJ-2375	4750	1.0	1.15	17.8	0.40	<0.05	5.60	3.10	10.70	6.3	0.65	<0.25	82.5	<0.10	5.70	<0.10	<0.50	<0.5	<1.0	17.1	13.00
WP-MB-02-0	MJ-2376	3550	1.0	14.20	110.0	0.50	11.70	1125.00	15.20	520.00	18250.0	1510.00	8.20	990.0	0.23	288.00	<0.10	<0.50	<0.5	20.1	15.0	6400.00
WP-MB-02-5	MJ-2377	12100	1.0	6.50	65.0	0.60	4.30	1350.00	5.80	143.00	14700.0	398.00	9.75	305.4	0.23	79.40	<0.10	<0.50	<0.5	2.1	33.0	3410.00
WP-MB-01-10	MJ-2378	14450	1.0	5.20	59.0	0.80	9.20	1160.00	4.80	30.30	9850.0	21.60	13.90	123.0	<0.10	24.00	<0.10	<0.50	<0.5	<1.0	32.0	1005.00
WP-MB-02-15	MJ-2379	13550	1.0	3.05	55.0	0.70	5.40	695.00	5.10	37.00	10850.0	0.80	18.00	138.0	0.10	29.20	<0.10	<0.50	<0.5	<1.0	35.2	850.00
WP-MB-02-20	MJ-2380	4220	1.0	1.05	13.0	0.30	0.75	22.00	2.70	6.80	4900.0	3.65	<0.25	109.3	<0.10	13.20	<0.10	<0.50	<0.5	<1.0	11.8	235.00
WP-MB-02-25	MJ-2381	4800	1.0	1.50	240.0	0.30	0.21	55.00	2.60	12.70	5600.0	11.50	0.25	90.0	<0.10	7.10	<0.10	<0.50	<0.5	<1.0	12.7	60.00
WP-MB-02-30	MJ-2382	3465	1.0	1.25	19.2	0.35	<0.05	5.00	<2.50	10.80	3675.0	0.95	8.38	46.0	<0.10	4.30	<0.10	<0.50	<0.5	<1.0	13.0	11.00
WP-MB-02-40A	MJ-2383	4755	1.0	0.95	21.3	0.38	0.07	7.60	2.80	9.80	5150.0	1.65	<0.25	60.0	<0.10	5.50	<0.10	<0.50	<0.5	<1.0	18.8	17.00
WP-MB-02-40B	MJ-2386	1920	1.0	0.50	6.0	<0.25	0.06	5.20	<2.50	5.00	2050.0	0.95	<0.25	24.0	<0.10	3.00	<0.10	<0.50	<0.5	<1.0	<10.0	8.50
WP-MB-02-50	MJ-2384	4300	1.0	0.75	13.0	0.30	<0.05	5.50	<2.50	9.50	4650.0	0.85	<0.25	54.5	<0.10	5.00	<0.10	<0.50	<0.5	<1.0	14.1	12.50
WP-MB-02-60	MJ-2385	5300	1.0	0.85	17.7	0.30	0.08	6.70	3.40	10.50	6250.0	1.05	1.70	78.0	<0.10	6.30	<0.10	<0.50	<0.5	<1.0	16.7	16.00
WP-MB-03-0	MJ-2387	2800	6.7	7.10	132.0	0.40	10.60	500.00	22.00	309.00	19100.0	1130.00	1.45	2150.0	0.18	308.00	<0.10	<0.50	<0.5	5.7	<10.0	860.00
WP-MB-03-5	MJ-2388	3700	1.0	5.00	115.0	<0.25	19.70	430.00	13.00	315.00	20200.0	156.00	1.10	1750.0	0.12	226.00	<0.10	<0.50	<0.5	3.0	12.0	900.00
WP-MB-03-10	MJ-2389	19150	1.0	1.65	39.1	<0.25	109.00	4110.00	10.10	1015	10150.0	<0.25	15.90	492.0	<0.10	445.00	<0.10	<2.60	<0.5	5.4	28.0	6500.00
WP-MB-03-15	MJ-2390	16700	1.0	2.35	80.0	0.60	38.40	1305.00	85.00	420.00	11600.0	<0.25	14.70	399.0	0.12	161.00	<0.10	0.80	<0.5	6.2	32.1	1555.00
WP-MB-03-20	MJ-2391	9450	1.0	1.65	43.4	<0.25	8.30	69.00	5.30	32.50	8400.0	9.87	0.58	173.0	<0.10	32.00	<0.10	<0.50	<0.5	<1.0	23.2	1150.00
WP-MB-03-25A	MJ-2392	8000	1.0	1.60	26.0	0.26	0.65	25.00	3.40	19.00	8.2	2.70	0.33	75.0	<0.10	8.20	<0.10	<0.50	<0.5	<1.0	22.0	82.00
WP-MB-03-25B	MJ-2393	4750	1.0	0.50	14.8	0.40	0.22	10.70	2.00	9.30	4250.0	1.90	0.40	46.0	<0.10	4.50	<0.10	<0.50	<0.5	<1.0	15.6	55.20
WP-MB-03-34	MJ-2394	3900	1.0	1.40	15.5	<0.25	0.06	5.20	<2.50	10.80	4115.0	0.95	<0.25	42.2	<0.10	6.40	<0.10	<0.50	<0.5	<1.0	15.3	11.70
WP-MB-03-40	MJ-2395	10500	1.0	2.60	33.0	0.45	0.09	10.60	6.00	17.30	8600.0	<0.25	0.25	95.3	<0.10	10.10	0.10	<0.50	<0.5	<1.0	28.0	22.00
WP-MB-03-50	MJ-2396	4875	1.0	1.60	14.7	<0.25	0.14	17.40	3.80	13.40	6100.0	<0.25	0.75	70.0	<0.10	12.50	<0.10	<0.50	<0.5	<1.0	18.5	20.50
WP-MB-03-60	MJ-2397	2700	1.0	0.65	11.7	<0.25	0.06	6.00	<2.50	7.50	4200.0	1.25	<0.25	65.0	<0.10	7.50	<0.10	<0.50	<0.5	<1.0	<10.0	10.20
WP-MB-03-70	MJ-2398	4900	1.0	1.05	19.0	0.40	<0.05	5.50	2.50	11.00	6250.0	1.40	<0.25	84.0	<0.10	6.30	<0.10	<0.50	<0.5	<1.0	16.5	13.70
WP-MB-03-80	MJ-2399	2500	1.0	0.55	8.5	0.35	<0.05	3.60	<2.5	5.00	3300.0	0.80	<0.25	37.0	<0.10	3.60	<0.10	<0.50	<0.5	<1.0	9.0	8.20

FILENAME:WESTERN
WESTERN PROCESSING
REMEDIAL INVESTIGATION
QA'd INORGANICS DATA
SUMMER 1984
DATA INPUT 10/15/84

ALL RESULTS IN MG/KG ON A WET WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-MB-03-90	MJ-2400	7100	1.0	4.45	32.0	0.60	0.09	9.00	5.50	31.60	9600.0	1.80	<0.25	80.0	<0.10	10.60	0.15	<0.50	<0.5	<1.0	28.2	19.50
WP-MB-03-100	MJ-2401	6950	1.0	2.10	27.8	<0.25	0.06	7.00	4.30	17.30	7700.0	1.80	<0.25	96.0	<0.10	6.70	<0.10	<0.50	<0.5	<1.0	18.5	14.90
WP-IB-01-0	MJ-0424	6000	<1.0 U	5.00	26.0	<0.25 U	3.40	7.00	4.40	15.00	9700.0	10.00	<1.00	150.0	<0.10 U	9.50	<0.10 U	<0.50	<0.5 U	<1.0 U	16.0	550.00
WP-IB-01-4	MJ-0425	14600	<1.0 U	12.00	70.0	0.30	1.20	13.00	9.60	23.00	14200.0	3.50	<1.00	210.0	0.15	14.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	35.0	380.00
WP-IB-01-9	MJ-0426	10000	<1.0 U	6.00	49.0	<0.25 U	2.90	9.50	6.50	17.00	9800.0	1.90	<1.00	120.0	<0.10 U	20.00	<0.10 U	<0.50 U	<0.5 U	1.3 U	28.0	1400.00
WP-IB-01-14	MJ-0427	5800	<1.0 U	3.00	26.0	<0.25 U	<0.05 U	5.50	5.00	10.00	5600.0	1.40	<1.00	100.0	<0.10 U	6.20	0.13	<0.50 U	<0.5 U	<1.0 U	23.0	21.00
WP-IB-01-19	MJ-0428	8400	<1.0 U	5.50	44.0	<0.25 U	0.22	8.00	6.00	19.00	10600.0	1.90	<1.00	170.0	<0.10 U	8.80	0.17	<0.50 U	<0.5 U	<1.0 U	23.0	70.00
WP-IB-01-24																						
WP-IB-01-29	MJ-0430	4700	<1.0 U	2.50	20.0	<0.25 U	<0.05 U	3.80	2.70	9.00	4900.0	1.10	<1.00	60.0	<0.10 U	4.80	0.12	<0.50 U	<0.5 U	<1.0 U	13.0	11.00
WP-IB-01-34	MJ-0431	9800	<1.0 U	8.00	40.0	<0.25 U	0.06	8.00	10.00	27.00	10700.0	1.90	<1.00	120.0	<0.10 U	11.00	0.19	<0.50 U	<0.5 U	<1.0 U	35.0	23.00
WP-IB-01-39A	MJ-0432	2800	<1.0 U	1.50	12.0	<0.25 U	<0.05 U	3.40	<2.50 U	6.50	3700.0	0.90	<1.00	42.0	<0.10 U	7.00	0.16	<0.50 U	<0.5 U	<1.0 U	10.0	8.50
WP-IB-01-39B	MJ-0433	3800	<1.0 U	2.50	17.0	<0.25 U	<0.05 U	4.40	3.00	9.00	5300.0	1.20	<1.00	70.0	<0.10 U	6.00	1.40	<0.50 U	<0.5 U	1.2	14.6	12.00
WP-IB-01-59	MJ-0444	3400	<1.0 U	2.00	13.0	<0.25 U	0.06	4.90	2.70	7.00	4900.0	1.30	<1.00	66.0	<0.10 U	8.00	0.17	<0.50 U	<0.5 U	<1.0 U	11.0	14.00
WP-IB-02-0	MJ-0434	8500	<1.0 U	7.00	37.0	<0.25 U	0.45	41.00	7.00	16.00	12400.0	63.00	<1.00	210.0	<0.10 U	20.00	0.17	<0.50 U	<0.5 U	<1.0 U	23.0	95.00
WP-IB-02-4	MJ-0435	4400	<1.0 U	2.50	19.0	<0.25 U	<0.05 U	4.00	3.20	9.50	5000.0	1.30	<1.00	95.0	<0.10 U	7.50	0.15	<0.50 U	<0.5 U	<1.0 U	11.0	11.00
WP-IB-02-9	MJ-0436	8000	<1.0 U	5.00	38.0	<0.25 U	5.50	7.00	4.10	19.00	7500.0	1.70	<1.00	75.0	<0.10 U	12.00	0.13	<0.50 U	<0.5 U	<1.0 U	23.0	370.00
WP-IB-02-14	MJ-0437	6000	<1.0 U	3.80	34.0	<0.25 U	0.05	5.50	4.70	13.00	6500.0	1.40	<1.00	80.0	<0.10 U	9.00	0.12	<0.50 U	<0.5 U	<1.0 U	18.0	700.00
WP-IB-02-19	MJ-0438	11400	<1.0 U	9.50	50.0	<0.25 U	<0.05 U	10.00	6.00	21.00	11400.0	2.00	<1.00	200.0	<0.10 U	12.00	0.16	<0.50 U	<0.5 U	1.7	22.0	22.00
WP-IB-02-24	MJ-0446	5800	<1.0 U	4.70	30.0	<0.25 U	0.05	5.00	5.60	19.00	7600.0	1.70	<1.00	140.0	<0.10 U	7.50	<0.10 U	<0.50 U	<0.5 U	<1.0 U	18.0	18.00
WP-IB-02-29	MJ-0439	5000	<1.0 U	3.00	27.0	<0.25 U	<0.05 U	5.00	4.00	11.00	5900.0	1.30	<1.00	75.0	<0.10 U	6.00	0.18	<0.50 U	<0.5 U	<1.0 U	16.0	13.00
WP-IB-02-34	MJ-0447	3000	<1.0 U	2.30	18.0	<0.25 U	<0.05 U	3.10	2.60	5.30	3800.0	0.90	<1.00	40.0	<0.10 U	5.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	9.6	9.00
WP-IB-02-39	MJ-0440	5900	<1.0 U	4.50	34.0	<0.25 U	<0.05 U	7.00	5.00	14.60	8200.0	1.60	<1.00	110.0	<0.10 U	8.00	0.20	<0.50 U	<0.5 U	1.3	21.0	18.00
WP-IB-02-44	MJ-0448	3700	<1.0 U	2.50	70000.	<0.25 U	<0.05 U	3.30	3.20	7.50	5000.0	1.00	<1.00	50.0	<0.10 U	16.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	10.0	10.00
WP-IB-02-49	MJ-0441	5800	<1.0 U	3.80	24.0	<0.25 U	<0.05 U	7.00	4.60	16.00	8300.0	1.40	<1.00	75.0	<0.10 U	7.50	0.16	<0.50 U	<0.5 U	<1.0 U	21.0	17.00
WP-IB-02-54A	MJ-0442	4500	<1.0 U	2.30	17.0	<0.25 U	<0.05 U	5.50	3.80	11.00	7100.0	1.40	<1.00	80.0	<0.10 U	7.00	0.15	<0.50 U	<0.5 U	<1.0 U	14.0	14.00
WP-IB-02-54B	MJ-0443	4000	<1.0 U	7.50	14.0	<0.25 U	<0.05 U	5.50	3.60	9.00	6500.0	1.50	<1.00	75.0	<0.10 U	7.50	<0.10 U	<0.50 U	<0.5 U	<1.0 U	15.0	15.00
WP-IB-02-59	MJ-0449	4600	<1.0 U	1.90	21.0	<0.25 U	<0.05 U	5.60	4.60	11.00	7800.0	<0.25 U	<1.00	80.0	<0.10 U	7.60	<0.10 U	<0.50 U	<0.5 U	7.5	16.0	17.00
WP-IB-03-0	MJ-0854	9510.00	<1	20.00	36.00	<0.25	0.13	22.00	7.30	17.00	14000.00	7.20	<0.5	257.00	<0.1	25.00	<1	<0.5	<0.5	<1	30.00	44.00
WP-IB-03-4	MJ-0855	10600.00	<1	28.00	48.00	0.28	0.67	9.40	7.50	16.00	13900.00	10.00	<0.5	499.00	<0.1	9.90	<1	<0.5	<0.5	<1	34.00	36.00
WP-IB-03-14	MJ-0856	6410.00	<1	13.00	29.00	<0.25	<0.05	9.70	3.90	10.00	7170.00	2.20	<0.5	81.00	<0.1	6.20	<1	<0.5	<0.5	<1	24.00	17.00
WP-IB-03-24	MJ-0857	3160.00	<1	9.00	13.00	<0.25	<0.05	4.10	3.10	5.80	4760.00	0.85	<0.5	50.00	<0.1	4.90	<1	<0.5	<0.5	<1	16.00	10.00
WP-IB-03-34A	MJ-0858	3370.00	<1	15.00	14.00	<0.25	<0.05	3.50	2.70	9.70	4760.00	0.85	<0.5	47.00	<0.1	3.80	<1	<0.5	<0.5	<1	14.00	9.40
WP-IB-03-34B	MJ-0859	3420.00	<1	9.50	15.00	0.34	<0.05	4.30	3.20	18.00	5450.00	0.85	<0.5	57.00	<0.1	4.00	<1	<0.5	<0.5	<1	16.00	10.00
WP-IB-03-39	MJ-0860	7790.00	<1	24.00	31.00	<0.25	<0.05	6.40	5.10	17.00	9190.00	3.30	<0.5	101.00	<0.1	6.40	<1	<0.5	<0.5	<1	29.00	17.00
WP-IB-03-44	MJ-0861	7350.00	<1	13.00	24.00	0.25	<0.05	7.50	4.60	19.00	10100.00	3.10	<0.5	89.00	<0.1	6.90	<1	<0.2	<0.5	<1	29.00	18.00
WP-IB-03-49	MJ-0862	3780.00	<1	16.00	11.00	<0.25	<0.05	5.00	4.00	11.00	5780.00	0.80	<0.5	55.00	<0.1	6.00	<1	<0.5	<0.5	<1	20.00	11.00
WP-IB-03-54	MJ-0863	4020.00	<1	43.00	16.00	<0.25	<0.05	4.20	4.90	9.90	6160.00	0.80	<0.5	62.00	<0.1	6.70	<1	<0.5	<0.5	<1	18.00	12.00
WP-IB-03-59	MJ-0864	4900.00	<1	23.00	18.00	<0.25	<0.05	5.70	4.90	11.00	8260.00	0.95	<0.5	93.00	<0.1	6.90	<1	<0.5	<0.5	<1	20.00	17.00

UPDATE 10-Dec-84

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ALL RESULTS IN MG/KG ON A WET WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-SB-01-0	MJ-0826	5700	<0.3	10.00	31.6	<0.05	0.16	9.35	4.20	14.90	8500.0	11.00	<0.50	180.0	0.14	9.35	<0.10	<0.15	<0.1	ND/B	19.5	51.50
WP-SB-01-4	MJ-0827	8000	<0.3	19.00	37.5	<0.05	0.21	14.00	4.95	31.00	11000.0	14.00	<0.50	206.0	0.11	19.10	<0.10	<0.15	<0.1	ND/B	20.6	45.10
WP-SB-01-9	MJ-0828	5350	<0.3	7.30	39.4	0.09	3.30	1410.00	2.40	341.00	17100.0	1.70	1.37	301.0	0.14	14.60	<0.10	<0.15	<0.1	ND/B	22.2	231.00
WP-SB-01-14	MJ-0829	9250	<0.3	3.20	54.5	0.06	45.00	10.10	5.80	27.00	10400.0	1.80	<0.50	132.0	0.14	24.60	<0.10	<1.50	<0.1	<10.0	36.1	1850.00
WP-SB-01-19	MJ-0830	2840	<0.3	1.70	15.2	<0.05	0.34	3.15	1.75	6.88	3640.0	0.50	<0.50	39.0	0.14	3.90	<0.10	<0.15	<0.1	ND/B	10.7	486.00
WP-SB-01-24A	MJ-0831	4770	<0.3	2.60	29.6	<0.50	<0.025	6.50	3.85	12.20	7250.0	1.20	<0.50	76.9	0.11	6.30	0.13	<0.15	<0.1	ND/B	20.9	19.10
WP-SB-01-24B	MJ-0832	4350	<0.3	2.10	26.3	<0.05	<0.025	5.60	3.40	11.60	6250.0	1.20	<0.50	68.9	1.40	5.45	<0.10	<0.15	<0.1	ND/B	18.1	15.60
WP-SB-01-29	MJ-0833	4960	<0.3	2.60	30.5	<0.05	0.03	8.35	3.70	19.00	6900.0	1.40	<0.50	80.9	<0.10	6.15	<0.10	<1.50	<0.1	ND/B	25.5	19.70
WP-SB-02-0	MJ-0821	6500	<0.3	10.00	37.9	<0.05	0.24	10.50	4.50	16.60	9250.0	20.00	<0.50	161.0	0.11	10.90	<0.10	<0.15	<0.1	ND/B	20.2	91.00
WP-SB-02-9	MJ-0822	10000	<0.3	5.10	55.0	<0.05	2.70	12.50	5.60	33.20	10100.0	2.20	<0.50	151.0	0.17	10.30	<0.10	<0.15	<0.1	<10.0	33.4	1610.00
WP-SB-02-14	MJ-0823	5700	<0.3	3.00	37.1	<0.50	9.90	14.40	4.15	12.10	5850.0	1.20	<0.50	78.9	<0.10	13.20	<0.10	<0.15	<0.1	<10.0	23.6	2530.00
WP-SB-02-19	MJ-0824	11100	<0.3	7.40	55.5	<0.50	<0.025	13.30	5.20	35.50	14200.0	4.10	<0.50	213.0	0.14	11.10	<0.10	<0.15	<0.1	<10.0	33.9	110.00
WP-SB-02-29	MJ-0825	3480	<0.3	2.20	21.1	<0.05	<0.025	4.95	2.65	10.70	4420.0	0.81	<0.50	63.9	<0.10	3.65	<0.10	<0.15	<0.1	ND/B	18.4	12.90
WP-SB-03-0	MJ-0816	5850	<0.3	9.20	28.9	<0.50	0.11	7.85	3.60	12.40	7800.0	8.30	<0.50	125.0	<0.10	10.80	<0.10	<0.15	<0.1	<10.0	16.6	81.00
WP-SB-03-9	MJ-0817	12100	<0.3	8.40	66.5	<0.05	0.04	12.50	7.35	23.90	14100.0	3.00	<0.50	171.0	0.17	12.30	<0.10	<0.15	<0.1	<10.0	40.0	32.00
WP-SB-03-19	MJ-0818	8800	<0.3	3.00	53.0	<0.05	<0.025	9.75	5.85	15.00	12300.0	2.00	<0.50	170.0	<0.10	8.70	<0.10	<0.15	<0.1	<10.0	29.8	42.00
WP-SB-03-29A	MJ-0819	9050	<0.3	5.70	47.1	<0.05	<0.025	10.20	5.35	21.90	12200.0	2.60	<0.50	171.0	0.11	10.40	<0.10	<0.15	<0.1	<10.0	28.3	28.70
WP-SB-03-29B	MJ-0820	4740	<0.3	4.90	25.6	0.11	0.03	5.10	2.05	19.10	9100.0	1.20	<0.50	148.0	<0.10	5.25	<0.10	<0.15	<0.1	ND/B	25.7	15.60
WP-SB-04-0	MJ-2409	12500	<1.0	5.25	33.0	0.27	0.07	11.00	5.00	22.10	13100.0	1.90	<0.25	104.5	<0.10	9.00	0.15	<0.50	<0.5	<1.0	34.1	20.80
WP-SB-04-5	MJ-2402	9550	<1.0	19.00	46.0	0.35	12.10	2120.00	4.80	314.00	2215.0	297.00	0.40	243.0	<0.10	30.30	<0.10	<0.50	<0.5	1.4	47.4	1465.00
WP-SB-04-9	MJ-2403	10300	<1.0	10.00	60.0	0.45	4.95	145.00	6.00	80.00	21750.0	3.50	0.48	750.0	<0.10	17.50	0.10	<0.50	<0.5	<0.1	32.3	600.00
WP-SB-04-14	MJ-2404	13000	<1.0	3.25	95.0	<0.25	0.09	10.90	7.50	19.50	13500.0	2.75	<0.25	200.0	<0.10	10.60	0.10	<0.50	<0.5	<1.0	38.5	90.00
WP-SB-04-19	MJ-2405	10450	<1.0	2.90	48.0	<0.25	0.07	9.10	4.70	22.50	10350.0	2.60	0.53	121.0	<0.10	7.50	0.10	<0.50	<0.5	<1.0	27.5	22.50
WP-SB-04-24	MJ-2406	5300	<1.0	0.50	18.5	<0.25	<0.05	5.20	<2.5	8.60	4260.0	1.30	0.35	43.5	<0.10	3.80	<0.10	<0.50	<0.5	<1.0	15.0	10.40
WP-SB-04-29	MJ-2407	4600	<1.0	0.75	15.5	<0.25	<0.05	4.30	3.20	10.10	3650.0	1.05	<0.25	38.3	<0.10	7.20	<0.10	<0.50	<0.5	<1.0	16.2	10.40
WP-SB-04-34	MJ-2408	10850	<1.0	7.00	50.0	0.35	0.18	10.40	12.50	25.20	11750.0	2.90	<0.25	151.0	<0.10	17.00	0.15	<0.50	<0.5	<1.0	33.8	33.70
WP-SB-05-0	MJ-0403	8700	<1.0 U	11.00	50.0	0.25	2.00	45.00	6.60	27.00	14000.0	13.00	1.70	140.0	<0.10 U	11.70	<0.10 U	<0.50 U	<0.5 U	1.2	25.0	190.00
WP-SB-05-4	MJ-0404	9500	<1.0 U	14.00	53.0	0.27	0.90	22.00	7.00	26.00	18600.0	18.00	1.80	250.0	<0.10 U	13.00	<0.10 U	<0.50 U	<0.5 U	4.6	27.0	160.00
WP-SB-05-14	MJ-0406	15000	<1.0 U	18.00	80.0	0.39	<0.05 U	13.00	9.00	19.00	16000.0	3.40	1.90	170.0	<0.10 U	13.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	37.0	42.00
WP-SB-05-19A	MJ-0407	11000	<1.0 U	12.50	53.0	0.29	0.07	9.50	7.00	22.00	11600.0	2.20	<1.00	150.0	<0.10 U	10.00	<0.10 U	<0.50 U	<0.5 U	1.0	33.0	24.00
WP-SB-05-19B	MJ-0408	10000	<1.0 U	12.00	53.0	<0.25 U	<0.05 U	9.00	6.50	21.00	11200.0	2.00	<1.00	130.0	<0.10 U	9.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	26.0	23.00
WP-SB-05-24	MJ-0409	2200	<1.0 U	2.00	10.0	<0.25 U	<0.05 U	3.10	<2.50 U	5.00	2900.0	0.60	1.80	31.0	<0.10 U	2.90	<0.10 U	<0.50 U	<0.5 U	<1.0 U	<10.0 U	6.50
WP-SB-05-34	MJ-0410	11000	<1.0 U	13.00	48.0	0.29	0.05	9.50	6.00	29.00	9500.0	2.40	1.60	110.0	<0.10 U	8.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	35.0	20.00
WP-SB-05-39	MJ-0411	5000	<1.0 U	5.50	15.0	<0.25 U	<0.05 U	6.50	5.30	14.00	9600.0	0.75	1.30	75.0	<0.10 U	8.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	20.0	13.00
WP-SB-06-0																						
WP-SB-06-4	MJ-0413	12000	<1.0 U	16.00	60.0	0.31	3.20	19.00	8.00	36.00	16000.0	3.50	<1.00	200.0	<0.10 U	16.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	33.0	360.00
WP-SB-06-14	MJ-0414	9000	<1.0 U	11.00	54.0	<0.25 U	0.06	9.00	7.30	18.00	11000.0	2.20	1.90	130.0	<0.10 U	10.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	24.0	22.00

UPD -Dec-84

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-SB-06-19	MJ-0848	5400	<1.0	0.80	15.3	0.40	<0.05	4.10	<2.50	9.80	5150.0	<0.25	<0.25	45.0	<0.10	3.90	<0.10	<0.50	<0.5	2.1	14.4	9.00
WP-SB-06-24	MJ-0415	5500	<1.0 U	8.00	27.0	<0.25 U	0.05	6.00	4.00	12.60	6000.0	1.40	1.50	65.0	<0.10 U	5.50	<0.10 U	<0.50 U	<0.5 U	<1.0 U	16.0	12.00
WP-SB-06-29	MJ-0416	11000	<1.0 U	15.00	60.0	0.33	0.10	15.00	10.00	26.00	16000.0	3.00	1.40	170.0	<0.10 U	17.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	32.0	31.00
WP-SB-06-34	MJ-0417	9600	<1.0 U	12.00	27.0	<0.25 U	0.07	8.00	6.00	22.00	11600.0	1.60	<1.00	95.0	<0.10 U	8.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	26.0	19.00
WP-SB-07-0	MJ-0490	8550	<0.3	7.70	51.0	<0.50	1.50	32.40	7.05	33.30	19100.0	78.00	<0.50	253.0	0.21	20.10	<0.10	<0.15	<0.1	ND/B	28.1	135.00
WP-SB-07-9	MJ-0491	7400	<0.3	3.50	44.8	<0.50	0.04	9.20	4.45	15.30	8800.0	1.80	<0.50	70.9	<0.10	6.70	<0.10	<0.15	<0.1	<10.0	30.8	18.90
WP-SB-07-19	MJ-0492	6950	<0.3	4.30	51.0	<0.05	<0.025	9.90	4.35	16.90	12700.0	2.20	<0.50	323.0	0.11	7.65	<0.10	<0.15	<0.1	<10.0	31.9	11.80
WP-SB-07-24A	MJ-0493	7100	<0.3	3.90	39.3	<0.50	<0.025	9.35	5.10	17.00	10600.0	1.80	<0.50	173.0	0.23	9.25	<0.10	<0.15	<0.1	<10.0	27.5	21.70
WP-SB-07-24B	MJ-0494	8400	<0.3	37.00	37.3	<0.50	<0.025	8.40	3.95	15.70	9450.0	2.00	<0.50	124.0	0.17	8.00	<0.10	<0.15	<0.1	<10.0	25.1	20.00
WP-SB-07-34	MJ-0495	2480	<0.3	1.40	14.1	<0.05	<0.025	3.85	2.05	9.98	4120.0	0.76	<0.50	98.4	<0.10	4.10	<0.10	<0.15	<0.1	ND/B	15.2	7.80
WP-SB-08-0	MJ-0450	5550	<1.0	10.60	44.0	<0.25	1.95	28.80	5.40	28.00	8750.0	4.40	<0.25	162.0	<0.10	12.30	<0.10	<0.50	<0.5	<1.0	16.6	137.00
WP-SB-08-9	MJ-0451	6800	<1.0	1.40	26.0	0.25	0.17	30.60	3.50	13.10	4650.0	1.60	0.50	47.8	<0.10	12.00	<0.10	<0.50	<0.5	<1.0	15.2	118.00
WP-SB-08-14	MJ-0452	5250	<1.0	1.50	20.6	<0.25	<0.05	5.20	2.60	9.50	4600.0	1.10	0.25	41.0	<0.10	3.30	<0.10	<0.50	<0.5	<1.0	18.0	11.60
WP-SB-08-19	MJ-0453	2800	<1.0	1.65	13.5	0.27	<0.05	2.90	<2.50	7.30	3000.0	0.95	<0.25	36.0	<0.10	3.00	<0.10	<0.50	<0.5	<1.0	<10.0	8.00
WP-SB-08-24	MJ-0454	3450	<1.0	1.50	17.5	<0.25	<0.05	2.65	2.70	8.50	3850.0	0.85	<0.25	42.5	<0.10	3.10	<0.10	<0.50	<0.5	<1.0	<10.0	9.10
WP-SB-08-29	MJ-0455	3900	<1.0	0.65	17.5	<0.25	0.08	4.10	3.00	12.00	4700.0	<0.25	<0.25	54.0	0.15	4.00	<0.10	<0.50	<0.5	<1.0	13.6	16.00
WP-SB-09-0	MJ-0418	7500	<1.0 U	11.00	50.0	<0.25 U	4.00	350.00	6.50	70.00	13500.0	230.00	7.20	200.0	<0.10 U	25.00	<0.10 U	<0.50 U	<0.5 U	3.0	20.0	780.00
WP-SB-09-4	MJ-0423	4800	<1.0 U	5.00	21.0	<0.25 U	<0.05 U	5.50	3.30	12.00	5700.0	1.40	<1.00	90.0	0.15	4.90	<0.10 U	<0.50 U	<0.5 U	<1.0 U	13.0	11.00
WP-SB-09-14	MJ-0419	5000	<1.0 U	4.00	25.0	<0.25 U	0.08	26.00	3.70	11.00	4900.0	1.80	<1.00	140.0	0.18	6.00	<0.10 U	<0.50 U	<0.5 U	1.1	16.0	17.00
WP-SB-09-19	MJ-0849	10100	<1.0 U	3.70	44.8	0.63	2.10	9.40	5.60	22.70	8600.0	<0.25	<0.25	142.0	<0.10	11.80	0.10	<0.50	<0.5	<1.0	28.1	23.50
WP-SB-09-24	MJ-0420	5500	<1.0 U	6.00	29.0	<0.25 U	0.05	6.50	6.50	23.00	9000.0	1.50	<1.00	120.0	0.20	10.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	16.0	18.00
WP-SB-09-29	MJ-0421	3000	<1.0 U	1.60	16.0	<0.25 U	0.29	3.50	2.70	9.50	3600.0	1.00	<1.00	55.0	0.15	6.00	0.14	<0.50 U	<0.5 U	1.0	<10.0 U	220.00
WP-SB-09-34	MJ-0422	4900	<1.0 U	6.00	24.0	<0.25 U	0.19	5.00	5.00	13.00	5800.0	1.30	1.30	70.0	0.15	6.00	<0.10 U	<0.50 U	<0.5 U	<1.0 U	15.0	65.00
WP-SB-10-0	MJ-0496	7350	<0.3	7.50	41.6	<0.50	0.41	29.30	7.10	23.00	13300.0	68.00	<0.50	259.0	0.11	18.00	<0.10	<0.15	<0.1	<10.0	27.0	64.50
WP-SB-10-9	MJ-0497	8400	<0.3	3.80	45.5	<0.50	<0.025	9.40	5.80	16.10	11900.0	1.70	<0.50	213.0	0.11	8.05	<0.10	<0.15	<0.1	<10.0	33.3	18.30
WP-SB-10-19	MJ-0498	6400	<0.3	3.40	38.0	<0.05	<0.025	8.00	5.85	12.60	21500.0	1.50	<0.50	307.0	0.11	8.80	<0.10	<1.50	<0.1	<10.0	28.7	16.20
WP-SB-10-24	MJ-0499	3900	<0.3	30.00	23.9	<0.05	<0.025	5.50	3.50	11.90	5850.0	<0.10	<0.50	60.9	0.14	4.20	<0.10	<0.15	<0.1	ND/B	18.5	12.40
WP-SB-10-29	MJ-0500	9750	<0.3	6.70	68.0	<0.05	0.04	9.05	7.00	25.30	11900.0	2.60	<0.50	178.0	0.11	8.60	<0.10	<0.15	<0.1	<10.0	30.9	28.20
WP-SB-11-0	MJ-0456	10700	<1.0	7.50	51.0	0.45	0.64	21.50	6.85	22.10	12800.0	62.00	<0.25	264.0	<0.10	14.60	<0.10	<0.50	<0.5	<1.0	31.2	87.00
WP-SB-11-9	MJ-0457	11150	<1.0	4.10	54.5	0.60	0.06	10.00	6.70	18.00	13500.0	2.70	<0.25	258.0	<0.10	9.50	<0.10	<0.50	<0.5	<1.0	32.5	26.50
WP-SB-11-14	MJ-0458	4950	<1.0	0.95	18.8	<0.25	<0.05	5.30	3.00	8.60	4700.0	0.95	0.35	50.0	<0.10	5.80	<0.10	<0.50	<0.5	<1.0	17.0	9.80
WP-MB-11-19A	MJ-0459	8650	<1.0	1.25	38.0	<0.25	0.09	8.70	3.30	14.00	6700.0	<0.25	<0.25	104.0	<0.10	6.60	0.10	<0.50	<0.5	<1.0	24.5	17.00
WP-SB-11-19B	MJ-0460	9000	<1.0	2.80	40.0	0.38	0.08	8.10	4.10	18.00	8450.0	<0.25	<0.25	155.0	<0.10	7.00	0.10	<0.50	<0.5	<1.0	25.2	20.80
WP-SB-11-24	MJ-0461	6750	<1.0	2.90	26.5	0.40	<0.05	6.20	3.50	12.50	6600.0	2.00	<0.25	80.5	<0.10	6.00	<0.10	<0.50	<0.5	<1.0	19.0	13.00
WP-SB-11-29	MJ-0462	6200	<1.0	1.40	28.0	<0.25	<0.05	5.30	4.00	14.00	5.8	2.30	<0.25	73.0	<0.10	5.40	<0.10	<0.50	<0.5	<1.0	16.0	12.30
WP-SB-12-0	MJ-0463	8500	<1.0	10.50	52.0	0.38	1.09	45.00	7.30	31.30	14500.0	1.50	0.25	229.0	<0.10	20.00	<0.10	<0.50	<0.5	<1.0	28.6	91.00

UPDATE 10-Dec-84

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SUMMER 1984
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ALL RESULTS IN MG/KG ON A WET WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-SB-12-9	MJ-0464	7200	<1.0	4.10	31.0	0.25	0.16	8.10	4.10	12.10	9.1	1.50	<0.25	167.5	<0.10	7.10	<0.10	<0.50	<0.5	<1.0	24.6	22.00
WP-SB-12-14	MJ-0465	4000	<1.0	1.15	16.5	<0.25	<0.05	3.60	2.70	7.00	4350.0	152.00	<0.25	45.5	<0.10	3.50	<0.10	<0.50	<0.5	<1.0	12.0	9.90
WP-SB-12-19	MJ-0466	2750	<1.0	0.95	12.7	<0.25	<0.05	2.40	<2.50	6.80	2900.0	5.95	<0.25	35.5	<0.10	3.00	<0.10	<0.50	<0.5	<1.0	<10.0	7.30
WP-SB-12-29A	MJ-0467	2050	<1.0	<0.50	8.1	<0.25	<0.05	2.70	<2.50	5.30	2750.0	0.80	<0.25	33.5	<0.10	2.50	<0.10	0.60	<0.5	<1.0	<10.0	6.60
WP-SB-12-29B	MJ-0468	2000	<1.0	<0.50	10.7	<0.25	<0.05	1.90	<2.50	5.80	<2.50	0.80	<0.25	30.0	<0.10	2.40	<0.10	<0.50	<0.5	<1.0	<10.0	6.50
WP-SB-13-0	MJ-0807	7550	<0.3	5.60	42.8	<0.50	0.23	16.80	6.10	27.60	11600.0	88.00	<0.50	208.0	0.31	14.20	<0.10	<0.15	<0.1	<10.0	28.6	58.50
WP-SB-13-4	MJ-0808	6250	<0.3	4.70	42.6	<0.50	0.05	11.70	5.25	15.10	11200.0	3.80	<0.50	211.0	0.11	13.40	<0.10	<1.50	<0.1	ND/B	26.8	27.00
WP-SB-13-9	MJ-0809	3950	<0.3	2.20	17.8	<0.50	<0.025	4.40	1.75	7.53	4620.0	1.30	<0.50	45.0	0.27	4.55	<0.10	<0.15	<0.1	ND/B	15.9	11.00
WP-SB-13-19	MJ-0810	2320	<0.3	2.10	11.8	<0.50	<0.025	4.70	2.10	5.78	4410.0	0.05	<0.50	50.9	<0.10	6.40	<0.10	<0.15	<0.1	ND/B	17.5	10.40
WP-SB-13-29	MJ-0811	2430	<0.3	1.40	15.5	<0.50	<0.025	3.70	2.25	5.18	3910.0	0.05	<0.50	45.7	<0.10	3.50	<0.10	<0.15	<0.1	ND/B	11.5	9.35
WP-SB-14-0	MJ-0470	6850	<1.0	9.50	195.0	0.30	3.05	95.50	7.50	162.00	20600.0	265.00	<0.25	295.0	0.50	60.00	<0.10	<0.50	<0.5	7.0	22.5	435.50
WP-SB-14-4	MJ-0471	7750	<1.0	1.40	32.0	<0.25	0.10	6.20	4.10	13.60	7300.0	6.60	<0.25	122.0	<0.10	6.70	<0.10	<0.50	<0.5	<1.0	18.0	18.50
WP-SB-14-9	MJ-0850	7250	<1.0	1.20	35.8	0.50	0.08	5.90	3.20	13.00	7650.0	0.60	<0.25	62.4	<0.10	7.10	<0.10	<0.50	<0.5	1.4	19.6	15.00
WP-SB-14-14	MJ-0472	4600	<1.0	7.10	22.0	<0.25	<0.05	4.80	3.80	10.30	4500.0	1.10	<0.25	43.2	<0.10	8.00	<0.10	<0.50	<0.5	<1.0	18.8	14.30
WP-SB-14-19	MJ-0473	5750	<1.0	3.30	25.5	0.27	0.06	6.00	4.50	14.50	5300.0	1.45	<0.25	63.0	<0.10	6.10	<0.10	<0.50	<0.5	<1.0	24.7	15.00
WP-SB-14-24	MJ-0487	3550	<1.0	0.95	12.3	<0.25	<0.05	3.80	<2.50	6.30	3800.0	1.10	<0.25	40.8	<0.10	3.00	<0.10	<0.50	<0.5	<1.0	11.8	7.90
WP-SB-14-29	MJ-0474	2350	<1.0	<0.50	11.8	<0.25	<0.05	2.50	<2.50	4.30	2380.0	0.95	0.28	22.8	<0.10	2.80	<0.10	<0.50	<0.5	<1.0	<10.0	7.50
WP-SB-14-34	MJ-0851	4610	<1.0	1.20	19.6	0.45	<0.05	4.80	3.00	7.50	4915.0	<0.25	<0.25	52.0	0.12	5.80	<0.10	<0.50	<0.5	1.8	15.2	12.30
WP-SB-14-39	MJ-0488	3200	<1.0	1.40	11.3	<0.25	<0.05	2.70	<2.50	7.80	3100.0	1.30	<0.25	36.0	<0.10	4.00	<0.10	<0.50	<0.5	<1.0	<10.0	9.10
WP-SB-15-0	MJ-0475	5000	<1.0	1.20	59.0	0.30	2.30	36.00	8.50	60.50	10000.0	120.00	<0.25	327.0	0.13	86.00	<0.10	<0.50	<0.5	1.1	16.1	345.00
WP-SB-15-4	MJ-0476	8150	<1.0	2.20	36.5	0.60	0.08	7.40	3.80	14.50	9500.0	4.70	<0.25	112.0	<0.10	8.30	<0.10	<0.50	<0.5	<1.0	23.0	23.30
WP-SB-15-14	MJ-0477	4950	<1.0	0.70	21.0	<0.25	0.06	5.80	2.60	9.50	4300.0	1.60	<0.25	49.0	<0.10	7.30	<0.10	<0.50	<0.5	<1.0	17.5	23.40
WP-SB-15-19	MJ-0478	4000	<1.0	1.90	16.5	<0.25	<0.05	3.10	3.80	8.00	3700.0	1.30	<0.25	43.5	<0.10	5.80	<0.10	<0.50	<0.5	<1.0	<10.0	10.60
WP-SB-15-24	MJ-0489	3650	<1.0	1.60	15.6	<0.25	0.50	6.20	4.00	9.00	3550.0	1.80	<0.25	40.0	<0.10	5.30	<0.10	<0.50	<0.5	<1.0	<10.0	15.60
WP-SB-15-29A	MJ-0479	4200	<1.0	2.10	18.0	<0.25	0.20	7.00	5.70	10.00	6200.0	1.70	<0.25	217.0	<0.10	5.40	<0.10	<0.50	<0.5	<1.0	15.1	19.30
WP-SB-15-29B	MJ-0480	4600	<1.0	2.80	26.3	0.50	0.30	6.50	6.50	12.50	8500.0	1.90	<0.25	267.0	<0.10	7.10	<0.10	<0.50	<0.5	<1.0	17.7	23.30
WP-SB-16-0	MJ-0481	7500	<1.0	10.50	47.1	0.30	0.55	12.50	4.00	1100.	8900.0	52.00	1.85	162.0	0.18	11.50	<0.10	<0.50	<0.5	<1.0	19.0	106.00
WP-SB-16-4	MJ-0482	4650	<1.0	5.20	16.5	0.40	<0.05	4.60	3.00	65.00	5650.0	1.05	<0.25	52.5	<0.10	4.60	<0.10	<0.50	<0.5	<1.0	15.7	13.80
WP-SB-16-14	MJ-0483	10850	<1.0	7.50	47.0	0.63	<0.05	10.20	5.90	17.60	10700.0	1.95	0.20	117.0	<0.10	8.50	<0.10	<0.50	<0.5	<1.0	33.5	22.80
WP-SB-16-19	MJ-0484	4200	<1.0	2.60	18.1	0.30	0.14	5.40	3.70	10.30	4300.0	0.80	<0.25	48.8	<0.10	5.80	<0.10	<0.50	<0.5	<1.0	20.4	13.50
WP-SB-16-29A	MJ-0485	4000	<1.0	2.20	17.0	<0.25	<0.05	5.40	3.50	11.50	4900.0	1.25	<0.25	55.0	<0.10	4.50	<0.10	<0.50	<0.5	<1.0	24.3	10.40
WP-SB-16-29B	MJ-0486	4750	<1.0	1.50	22.0	<0.25	<0.05	6.50	10.50	10.50	5100.0	1.40	<0.25	55.8	<0.10	4.80	<0.10	<0.50	<0.5	<1.0	24.0	11.00
WP-SB-17-0	MJ-0812	8950	<0.3	9.80	89.5	<0.05	5.10	73.00	8.70	66.30	16000.0	270.00	0.84	565.0	<0.10	62.00	<0.10	0.17	<0.1	ND/B	25.7	1070.00
WP-SB-17-9	MJ-0813	6500	<0.3	3.10	28.9	<0.05	<0.025	6.85	4.00	12.80	7050.0	1.30	<0.50	151.0	0.14	5.50	<0.10	<0.15	<0.1	<10.0	23.3	14.80
WP-SB-17-19	MJ-0814	3390	<0.3	2.00	19.1	<0.05	<0.025	4.25	1.90	8.08	4550.0	0.80	<0.50	53.9	<0.10	3.25	<0.10	<0.15	<0.1	ND/B	15.4	10.40
WP-SB-17-29	MJ-0815	2500	<0.3	1.50	15.6	<0.05	<0.025	3.75	1.90	6.83	3390.0	0.65	<0.50	37.3	0.17	2.75	<0.10	<0.15	<0.1	ND/B	11.6	9.05

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-SB-18-0	MJ-0802	6750	<0.3	7.80	42.4	<0.05	0.39	16.10	4.60	18.90	13300.0	33.00	<0.50	208.0	0.21	10.00	<0.10	<0.15	<0.1	ND/B	24.2	90.00
WP-SB-18-9	MJ-0803	3990	<0.3	2.70	19.3	<0.05	<0.025	4.65	2.00	8.08	5500.0	1.00	<0.50	54.4	<0.10	4.45	<0.10	<0.15	<0.1	ND/B	16.6	12.00
WP-SB-18-19	MJ-0804	7400	<0.3	4.90	43.4	<0.05	<0.025	9.10	5.05	17.30	10500.0	1.90	<0.50	127.0	0.14	8.60	<0.10	<0.15	<0.1	<10.0	27.8	23.00
WP-SB-18-24A	MJ-0805	2670	<0.3	1.80	14.7	<0.05	<0.025	4.00	3.25	5.83	4480.0	0.75	<0.50	48.4	0.11	3.90	<0.10	<0.15	<0.1	ND/B	13.1	10.60
WP-SB-18-24B	MJ-0806	2200	<0.3	1.20	11.7	<0.05	<0.025	3.05	2.20	5.48	3640.0	0.65	<0.50	41.2	0.11	4.35	<0.10	<0.15	<0.1	ND/B	10.1	8.65
WP-SB-19-0	MJ-0838	10750	1.0	8.00	51.3	0.30	3.30	144.00	5.80	56.70	16000.0	4.50	0.325	191.0	0.12	14.30	0.10	<0.50	<0.5	<1.0	29.6	100.50
WP-SB-19-9	MJ-0839	11400	<1.0	4.70	53.1	0.60	0.20	9.90	5.20	27.50	11800.0	0.45	<0.25	167.0	<0.10	9.30	0.10	<0.50	<0.5	<1.0	30.8	34.50
WP-SB-19-14	MJ-0840	5950	<1.0	1.50	23.2	0.26	<0.05	5.40	3.30	9.40	9850.0	<0.25	<0.25	101.4	<0.10	4.90	<0.10	<0.50	<0.5	<1.0	17.6	9.50
WP-SB-19-19	MJ-0842	7500	<1.0	2.50	42.0	0.37	0.10	6.10	4.70	17.30	15450.0	<0.25	1.55	326.0	<0.10	8.00	0.10	<0.50	<0.5	<1.0	21.2	15.60
WP-SB-19-24	MJ-0843	750	<1.0	<0.50	<5.0	<0.25	<0.05	0.86	<2.50	<2.50	650.0	0.50	<0.25	7.0	<0.10	<2.0	<0.10	<0.50	<0.5	<1.0	<10.0	1.50
WP-SB-19-29	MJ-0844	8350	<1.0	2.50	34.1	0.40	0.06	7.80	4.10	17.80	8300.0	<0.25	<0.25	88.2	<0.10	7.70	<0.10	<0.50	<0.5	<1.0	20.7	15.40
WP-SB-19-34	MJ-0845	8100	<1.0	10.50	27.4	0.40	0.07	5.10	3.30	20.70	5100.0	<0.25	<0.25	65.0	<0.10	4.30	0.10	<0.50	<0.5	<1.0	21.5	12.40
WP-SB-19-39	MJ-0846	4210	<1.0	1.50	11.8	0.29	<0.05	3.90	2.60	10.80	4750.0	<0.25	<0.25	50.2	<0.10	5.80	<0.10	<0.50	<0.5	<1.0	12.2	9.50
WP-SB-19-46	MJ-0847	5000	<1.0	0.80	14.5	0.29	0.05	4.10	2.60	8.60	4450.0	<0.25	<0.25	49.1	<0.10	4.80	<0.10	<0.50	<0.5	2.3	11.8	11.20
WP-SB-20-0	MJ-0834	7800	<0.3	9.50	42.0	<0.05	0.27	7.40	4.80	14.80	9600.0	16.00	<0.50	258.0	0.24	6.00	<0.10	<0.15	<0.1	ND/B	21.6	62.00
WP-SB-20-9	MJ-0835	8150	<0.3	4.30	46.1	<0.05	<0.025	8.30	4.60	14.60	10300.0	21.00	<0.50	96.4	<0.10	8.00	<0.10	<0.15	<0.1	ND/B	29.6	19.50
WP-SB-20-19	MJ-0836	8400	<0.3	4.90	44.2	<0.05	<0.025	10.60	5.45	16.80	11800.0	1.70	<0.50	156.0	<0.10	9.90	<0.10	<1.50	<0.1	<10.0	32.9	16.70
WP-SB-20-29	MJ-0837	3050	<0.3	1.70	16.6	<0.05	<0.025	4.40	1.90	7.38	4460.0	0.66	<0.50	54.4	<0.10	2.90	<0.10	<0.15	<0.1	ND/B	12.8	10.30
GROUNDWATER SAMPLES																						
WP-GW-01	MJ-0875	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-GW-02	MJ-0876	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-GW-03	MJ-0877	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-MW-34A	MJ-0871	19500	<20.0	<10.00	132.0	<5.00	<1.00	52.00	<50.00	166.00	31350.0	33.40	NR	640.0	0.56	55.00	<2.00	<10.00	<10.00	<20.00	<200.0	177.00
WP-MW-34B	MJ-0870	1525	<20.0	<10.00	283.0	<5.00	<1.00	<10.00	<50.00	62.00	16800.0	5.70	NR	810.0	<0.20	<40.00	<2.00	<10.00	<10.00	<20.00	<200.0	91.00
WP-MW-35	MJ-0869	1140	<20.0	<10.00	<100.0	<5.00	<1.00	26.00	<50.00	434.00	6490.0	164.00	NR	271.0	<0.20	111.00	<2.00	<10.00	<10.00	<20.00	<200.0	2260.00

NOTE: 1. GW-01, 02, AND 03 WERE COLLECTED FROM ONSITE MONITORING WELLS MB-01, 02, AND 03 RESPECTIVELY. GW-03 WAS COLLECTED FROM THE 68 FOOT DEPTH PORTAL OF THE WEST BAY MULTIPLE PORT SAMPLER IN MB-03. MB-01 IS A 4-INCH WELL SCREENED AT 75 TO 95 FEET. MB-02 IS A 4-INCH WELL ADJACENT TO MB-01 AND SCREENED AT 35 TO 55 FEET.

2. MW-34 AND 35 ARE OFFSITE WELLS INSTALLED IN JUNE, 1983. MW-34 IS A CLUSTER WELL CONSISTING OF 34A AND 34B. MW-34A IS A 2-INCH WELL SCREENED AT 52 TO 62 FEET. MW-34B IS A 4-INCH WELL SCREENED AT 124 TO 134 FEET. MW-35 IS A 4-INCH WELL SCREENED AT 55 TO 75 FEET.

FILENAME:WESTERN
WESTERN PROCESSING
REMEDIAL INVESTIGATION
QA'd INORGANICS DATA
SUMMER 1984
DATA INPUT 10/15/84

ALL RESULTS IN MG/KG ON A WET WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	ALUMINUM	ANTIMONY	ARSENIC	BARIUM	BERYLLIUM	CADMIUM	CHROMIUM	COBALT	COPPER	IRON	LEAD	CYANIDE	MANGANESE	MERCURY	NICKEL	SELENIUM	SILVER	THALLIUM	TIN	VANADIUM	ZINC
WP-SB-18-0	NJ-0882	6750	(0.3	7.00	42.4	(0.05	0.39	16.10	4.60	18.90	13300.0	33.00	(0.50	200.0	0.21	10.00	(0.10	(0.15	(0.1	ND/B	24.2	90.00
WP-SB-18-9	NJ-0883	3930	(0.3	2.70	19.3	(0.05	(0.025	4.65	2.00	8.00	5500.0	1.00	(0.50	54.4	(0.10	4.45	(0.10	(0.15	(0.1	ND/B	16.6	12.00
WP-SB-18-19	NJ-0884	7400	(0.3	4.90	43.4	(0.05	(0.025	9.10	5.05	17.30	10500.0	1.90	(0.50	127.0	0.14	8.60	(0.10	(0.15	(0.1	(10.0	27.8	23.00
WP-SB-18-24A	NJ-0885	2670	(0.3	1.80	14.7	(0.05	(0.025	4.00	3.25	5.83	4400.0	0.75	(0.50	40.4	0.11	3.90	(0.10	(0.15	(0.1	ND/B	13.1	10.60
WP-SB-18-24B	NJ-0886	2200	(0.3	1.20	11.7	(0.05	(0.025	3.05	2.20	5.40	3640.0	0.65	(0.50	41.2	0.11	4.35	(0.10	(0.15	(0.1	ND/B	10.1	8.65
WP-SB-19-0	NJ-0838	10750	1.0	8.00	51.3	0.30	3.30	144.00	5.80	56.70	16000.0	4.50	0.325	191.0	0.12	14.30	0.10	(0.50	(0.5	(1.0	29.6	100.50
WP-SB-19-9	NJ-0839	11400	(1.0	4.70	53.1	0.60	0.20	9.90	5.20	27.50	11000.0	0.45	(0.25	167.0	(0.10	9.30	0.10	(0.50	(0.5	(1.0	30.8	34.50
WP-SB-19-14	NJ-0840	5950	(1.0	1.50	23.2	0.26	(0.05	5.40	3.30	9.40	9850.0	(0.25	(0.25	101.4	(0.10	4.90	(0.10	(0.50	(0.5	(1.0	17.6	9.50
WP-SB-19-19	NJ-0842	7500	(1.0	2.50	42.0	0.37	0.10	6.10	4.70	17.30	15450.0	(0.25	1.55	326.0	(0.10	8.00	0.10	(0.50	(0.5	(1.0	21.2	15.60
WP-SB-19-24	NJ-0843	750	(1.0	(0.50	(5.0	(0.25	(0.05	0.86	(2.50	(2.50	650.0	0.50	(0.25	7.0	(0.10	(2.0	(0.10	(0.50	(0.5	(1.0	(10.0	1.50
WP-SB-19-29	NJ-0844	8350	(1.0	2.50	34.1	0.40	0.06	7.80	4.10	17.00	8300.0	(0.25	(0.25	80.2	(0.10	7.70	(0.10	(0.50	(0.5	(1.0	20.7	15.40
WP-SB-19-34	NJ-0845	8100	(1.0	10.50	27.4	0.40	0.07	5.10	3.30	20.70	5100.0	(0.25	(0.25	65.0	(0.10	4.30	0.10	(0.50	(0.5	(1.0	21.5	12.40
WP-SB-19-39	NJ-0846	4210	(1.0	1.50	11.8	0.29	(0.05	3.90	2.60	10.00	4750.0	(0.25	(0.25	50.2	(0.10	5.00	(0.10	(0.50	(0.5	(1.0	12.2	9.50
WP-SB-19-46	NJ-0847	5000	(1.0	0.80	14.5	0.29	0.05	4.10	2.60	8.60	4450.0	(0.25	(0.25	49.1	(0.10	4.00	(0.10	(0.50	(0.5	2.3	11.8	11.20
WP-SB-20-0	NJ-0834	7800	(0.3	9.50	42.0	(0.05	0.27	7.40	4.00	14.00	9600.0	16.00	(0.50	250.0	0.24	6.00	(0.10	(0.15	(0.1	ND/B	21.6	62.00
WP-SB-20-9	NJ-0835	8150	(0.3	4.30	46.1	(0.05	(0.025	8.30	4.60	14.60	10300.0	21.00	(0.50	96.4	(0.10	8.00	(0.10	(0.15	(0.1	ND/B	29.6	19.50
WP-SB-20-19	NJ-0836	8400	(0.3	4.90	44.2	(0.05	(0.025	10.60	5.45	16.00	11000.0	1.70	(0.50	155.0	(0.10	9.90	(0.10	(1.50	(0.1	(10.0	32.9	16.70
WP-SB-20-29	NJ-0837	3050	(0.3	1.70	16.6	(0.05	(0.025	4.40	1.90	7.30	4460.0	0.66	(0.50	54.4	(0.10	2.90	(0.10	(0.15	(0.1	ND/B	12.8	10.30
GROUNDWATER SAMPLES																						
WP-GW-01	NJ-0875	801	(20	(10	125.0	(5	(1	(10	(50	(50	11000.0	(5	141.00	500.0	3.30	(40	(2	(10	(10	(20	(200	109.00
WP-GW-02	NJ-0876	(200	(20	(10	(100	(5	(1	(10	(50	(50	17700.0	(5	101.00	1310.0	4.10	(40	(2	(10	(10	(20	(200	71.00
WP-GW-03	NJ-0877	3130	(20	(10	131.0	(5	8.00	23.00	(50	100.00	6530.0	(5	867.00	2990.0	6.40	169.00	(2	(10	(10	(20	(200	927.00
WP-MW-34A	NJ-0871	19500	(20.0	(10.00	132.0	(5.00	(1.00	52.00	(50.00	166.00	31350.0	33.40	NR	640.0	0.56	55.00	(2.00	(10.00	(10.00	(20.00	(200.0	177.00
WP-MW-34B	NJ-0870	1525	(20.0	(10.00	283.0	(5.00	(1.00	(10.00	(50.00	62.00	16800.0	5.70	NR	810.0	(0.20	(40.00	(2.00	(10.00	(10.00	(20.00	(200.0	91.00
MW-35	NJ-0869	1140	(20.0	(10.00	(100.0	(5.00	(1.00	26.00	(50.00	434.00	6490.0	164.00	NR	271.0	(0.20	111.00	(2.00	(10.00	(10.00	(20.00	(200.0	2260.00

TE: 1. GW-01, 02, AND 03 WERE COLLECTED FROM ONSITE MONITORING WELLS MB-01, 02, AND 03 RESPECTIVELY. GW-03 WAS COLLECTED FROM THE 68 FOOT DEPTH PORTAL OF THE WEST BAY MULTIPLE PORT SAMPLER IN MB-03. MB-01 IS A 4-INCH WELL SCREENED AT 75 TO 95 FEET. MB-02 IS A 4-INCH WELL ADJACENT TO MB-01 AND SCREENED AT 35 TO 55 FEET.

2. MW-34 AND 35 ARE OFFSITE WELLS INSTALLED IN JUNE, 1983. MW-34 IS A CLUSTER WELL CONSISTING OF 34A AND 34B. MW-34A IS A 2-INCH WELL SCREENED AT 52 TO 62 FEET. MW-34B IS A 4-INCH WELL

DATE: c-84

EB0180

APPENDIX G

Summary of Contract Laboratory Program (CLP) Organics Data; Soil and Groundwater Samples and Transport Blanks

EB0181

ORGANIC/INORGANIC DESCRIPTOR DEFINITIONS

U = Undetected at given detection limit

C = Concentration corrected for blank

M = K = Not quantified but concentration is between the stated detection limit and five times the detection limit

ND = No data currently available. Sample was not submitted to the CLP for analysis

ND = NT = Sample submitted to the CLP but no test data was received. Sample assumed not tested

NA = Sample not analyzed. Sample not submitted to the CLP for analysis

J = Estimated concentration

ND/B = UB = Not detected due to contamination in laboratory blank. Concentration corrected for blank error to indicate nondetection.

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-MB-01-0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-MB-01-5	J-4661	25.0 U	25.0 U	25.0 U	25.0 U	50.0 U	25.0 U	25.0 U	109.0 M	208.0 M	50.0 U	25.0 U	185.0	80.0 M
WP-MB-01-10	J-4662	25.0 U	25.0 U	25.0 U	25.0 U	50.0 U	25.0 U	25.0 U	25.0 U	368.0	50.0 U	25.0 U	25.0 U	74.0 M
WP-MB-01-15	J-4663	25.0 U	25.0 U	25.0 U	25.0 U	50.0 U	25.0 U	25.0 U	25.0 U	251.0	50.0 U	25.0 U	25.0 U	298.0
WP-MB-01-20	J-4664	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	13.4 M	10.0 U	5.0 U	5.0 U	8.4 M
WP-MB-01-25	J-4665	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	38.0 M	10.0 U	5.0 U	5.0 U	5.0 M
WP-MB-01-30	J-4666	5.0 U	5.9 M	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	29.0 M	10.0 U	5.0 U	5.0 U	220.0
WP-MB-01-35	J-4667	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	38.0 M	10.0 U	5.0 U	5.0 U	70.0
WP-MB-01-40	J-4668	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	41.0 M	10.0 U	5.0 U	5.0 U	17.0 M
WP-MB-01-50	J-4669	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	28.0 M	10.0 U	5.0 U	5.0 U	8.1 M
WP-MB-01-60	J-4670	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	45.0 M	10.0 U	5.0 U	5.0 U	18.0 M
WP-MB-01-70A	J-4671	25.0 U	25.0 U	25.0 U	25.0 U	50.0 U	25.0 U	25.0 U	25.0 U	66.0 M	50.0 U	25.0 U	25.0 U	25.0 M
WP-MB-01-70B	J-4672	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	29.0 M	10.0 U	5.0 U	5.0 U	5.0 U
WP-MB-01-80	J-4673	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	334.0	10.0 U	5.0 U	5.0 U	13.0 M
WP-MB-01-90	J-4674	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-100	J-4675	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-02-0	J-4676	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-02-5	J-4677	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	77.0	10.0 U	10.0 U	10.0 U	65.0 U	74.0
WP-MB-02-10	J-4678	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	48.0	10.0 U	10.0 U	10.0 U	5.0
WP-MB-02-15	J-4679	2.0 M	10.0 U	10.0 U	10.0 U	10.0 U	13.0 U	10.0 U	20.0	430.0	10.0 U	10.0 U	10.0 U	160.0
WP-MB-02-20	J-4680	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	23.0	10.0 U	10.0 U	10.0 U	6.0 M
WP-MB-02-25	J-4681	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	7.0 M
WP-MB-02-30	J-4682	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-02-40A	J-4683	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	18.0	10.0 U	10.0 U	10.0 U	1.0 M
WP-MB-02-40B	J-4686	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-02-50	J-4684	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-02-60	J-4685	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	4.0 K
WP-MB-03-0	J-4687	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	30.0	2.6 U	2.6 U	2.6 U	2.6 U
WP-MB-03-5	J-4688	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	6.1 M	3.0 U	47.0	3.0 U	3.0 U	3.0 U	3.0 U
WP-MB-03-10	J-4689	8750.0 U	8750.0 U	8750.0 U	8750.0 U	8750.0 U	8750.0 U	8750.0 U	8750.0 U	8750.0	8750.0 U	8750.0 U	8750.0 U	11000.0 M
WP-MB-03-15	J-4690	3675.0 U	3675.0 U	3675.0 U	3675.0 U	3675.0 U	3675.0 U	3675.0 U	3675.0 U	7411.0 M	3675.0 U	3675.0 U	3675.0 U	3675.0 U
WP-MB-03-20	J-4691	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0	3.0 U	3.0 U	3.0 U	3.0 U
WP-MB-03-25A	J-4692	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.0 M	3.0 U	3.0 U	3.0 U	3.0 U
WP-MB-03-25B	J-4693	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	7.0 M	2.9 U	2.9 U	2.9 U	2.9 U
WP-MB-03-34	J-4694	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	25.0	3.5 U	3.5 U	3.5 U	3.5 U
WP-MB-03-40	J-4695	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	13.0 M	2.9 U	2.9 U	2.9 U	2.9 U
WP-MB-03-50	J-4696	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	17.0	2.9 U	2.9 U	2.9 U	2.9 U
WP-MB-03-60	J-4697	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	15.0 M	3.2 U	3.2 U	3.2 U	3.2 U
WP-MB-03-70	J-4698	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	18.0	2.9 U	2.9 U	2.9 U	2.9 U
WP-MB-03-80	J-4699	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	19.0	2.9 U	2.9 U	2.9 U	2.9 U
WP-MB-03-90	J-4700	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	5.3	3.6 U	3.6 U	3.6 U	3.6 U
WP-MB-03-100	J-4751	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	24.0	3.4 U	3.4 U	3.4 U	3.4 U

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5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-IB-01-0	J-4776	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	16.7 C	2.5 U	2.5 U	2.5 U	3.1
WP-IB-01-4	J-4777	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	14.8 C	3.0 U	3.0 U	3.0 U	11.0
WP-IB-01-9	J-4778	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	7.1	2.8 U	2.8 U	108.0 C	2.8 U	2.8 U	2.8 U	16.8
WP-IB-01-14	J-4779	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	13.7 C	2.7 U	2.7 U	2.7 U	5.3
WP-IB-01-19	J-4780	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	40.7 C	7.1 U	7.1 U	7.1 U	41.7
WP-IB-01-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-IB-01-29	J-4781	3.1 U	3.1 U	3.1 U	3.1 U	3.2 U	3.1 U	3.1 U	3.1 U	23.8 C	3.1 U	3.1 U	3.1 U	7.0
WP-IB-01-34	J-4782	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	31.3 C	2.9 U	2.9 U	2.9 U	10.2
WP-IB-01-39A	J-4783	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 UB	2.6 U	2.6 U	2.6 U	18.8
WP-IB-01-39B	J-4784	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	8.2 C	2.6 U	2.6 U	2.6 U	15.7
WP-IB-01-59	J-4785	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UB	2.5 U	2.5 U	2.5 U	4.8
WP-IB-02-0	J-4786	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 UB	2.2 U	2.2 U	2.2 U	2.2 U
WP-IB-02-4	J-4787	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U
WP-IB-02-9	J-4788	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 UB	2.8 U	2.8 U	29.9	2.8 U
WP-IB-02-14	J-4789	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 UB	2.7 U	2.7 U	219.0	38.0
WP-IB-02-19	J-4790	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 UB	3.1 U	3.1 U	4.4	16.4
WP-IB-02-24	J-3202	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-IB-02-29	J-4791	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 UB	2.6 U	2.6 U	2.6 U	4.7
WP-IB-02-34	J-3203	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	34.8 C	2.7 U	2.7 U	2.7 U	2.7 U
WP-IB-02-39	J-4792	2.8 U	4.8	2.8 U	2.8 U	2.8 U	2.8 U	7.4	2.8 U	36.2 C	2.8 U	2.8 U	2.8 U	94.7
WP-IB-02-44	J-3204	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 UB	2.3 U	2.3 U	2.3 U	6.1
WP-IB-02-49	J-4793	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	19.2 C	2.6 U	2.6 U	2.6 U	7.8
WP-IB-02-54A	J-4794	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	3.7
WP-IB-02-54B	J-4795	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 UB	4.7 U	4.7 U	4.7 U	6.9
WP-IB-02-59	J-3205	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U
WP-IB-03-0	J-4550	5.5 U	5.5 M	5.5 U	5.5 U	11.0 U	5.5 U	5.5 U	5.5 U	19.0 M	11.0 U	NT	5.5 U	5.5 U
WP-IB-03-4	J-4551	5.5 U	5.5 U	5.5 U	5.5 U	11.0 U	5.5 U	5.5 U	5.5 U	24.0 M	11.0 U	NT	5.5 U	5.5 U
WP-IB-03-14	J-4552	6.0 U	6.0 U	6.0 U	6.0 U	12.0 U	6.0 U	6.0 U	6.0 U	17.0 M	12.0 U	NT	6.0 U	6.0 U
WP-IB-03-24	J-4553	5.5 U	5.5 U	5.5 U	5.5 U	11.0 U	5.5 U	5.5 U	5.5 U	22.0 M	11.0 U	NT	5.5 U	5.5 U
WP-IB-03-34A	J-4554	6.5 U	6.5 U	6.5 U	6.5 U	13.0 U	6.5 U	6.5 U	6.5 U	33.0	13.0 U	NT	6.5 U	6.5 U
WP-IB-03-34B	J-4555	6.5 U	6.5 U	6.5 U	6.5 U	13.0 U	6.5 U	6.5 U	6.5 U	33.0	13.0 U	NT	6.5 U	6.5 U
WP-IB-03-39	J-4556	6.5 U	6.5 U	6.5 U	6.5 U	13.0 U	6.5 U	6.5 U	6.5 U	35.0	13.0 U	NT	6.5 U	6.5 U
WP-IB-03-44	J-4557	6.5 U	6.5 U	6.5 U	6.5 U	13.0 U	6.5 U	6.5 U	6.5 U	18.0 M	13.0 U	NT	6.5 U	23.0 M
WP-IB-03-49	J-4558	6.0 U	6.0 U	6.0 U	6.0 U	12.0 U	6.0 U	6.0 U	6.0 U	20.0 M	12.0 U	NT	6.0 U	6.0 U
WP-IB-03-54	J-4559	5.5 U	5.5 U	5.5 U	5.5 U	11.0 U	5.5 U	5.5 U	5.5 U	18.0 M	11.0 U	NT	5.5 U	5.5 U
WP-IB-03-59	J-4560	6.0 U	6.0 U	6.0 U	6.0 U	12.0 U	6.0 U	11.0 M	6.0 U	20.0 M	12.0 U	NT	6.0 U	6.0 U
WP-SB-01-0	J-3279	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 M	2.700 U	2.700 U	2.700 U	2.700 U
WP-SB-01-4	J-3280	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	2.700 U	3.300 M	2.700 U	2.700 U	2.700 U	2.700 U
WP-SB-01-9	J-3281	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	16.000 M	3.800 U	3.800 U	3.800 U	3.800 U
WP-SB-01-14	J-3282	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	23.000	3.600 U	3.600 U	3.600 U	3.600 M

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-SB-01-19	J-3283	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	12.000 M	3.300 U	3.300 U	3.300 U	3.300 U
WP-SB-01-24A	J-3284	3.200 U	3.200 U	3.200 U	3.200 U	3.200 U	3.200 U	3.200 U	3.200 U	8.600 M	3.200 U	3.200 U	3.200 U	3.200 U
WP-SB-01-24B	J-3285	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	6.000 M	3.000 U	3.000 U	3.000 U	3.000 U
WP-SB-01-29	J-3286	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	33.000	3.500 U	3.500 U	3.500 U	3.500 U
WP-SB-02-0	J-3274	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	6.400 M	2.900 U	2.900 U	2.900 U	2.900 U
WP-SB-02-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-9	J-3275	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	29.000	3.600 U	3.600 U	3.600 U	3.600 U
WP-SB-02-14	J-3276	3.500 U	3.500 U	3.500 U	3.500 U	4.600 M	3.500 M	3.500 U	3.500 U	25.000 U	3.500 U	3.500 U	3.500 U	3.500 U
WP-SB-02-19	J-3277	4.000 U	4.000 U	4.000 UU	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	51.000	4.000 U	4.000 U	4.000 U	4.000 U
WP-SB-02-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-29	J-3278	3.700 U	3.700 U	3.700 U	3.700 U	3.700 U	3.700 U	3.700 U	3.700 U	12.000 M	3.700 U	3.700 U	3.700 U	3.700 U
WP-SB-03-0	J-3269	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	15.000 M	3.100 U	3.100 U	3.100 U	3.100 U
WP-SB-03-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-9	J-3270	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	26.000	3.800 U	4.800 M	3.800 U	3.800 U
WP-SB-03-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-19	J-3271	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	3.800 U	52.000	3.800 U	3.800 U	3.800 U	3.800 U
WP-SB-03-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-29A	J-3272	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	3.600 U	39.000	3.600 U	10.000 M	3.600 U	3.600 U
WP-SB-03-29B	J-3273	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	62.000	4.600 U	4.600 U	4.600 U	4.600 U
WP-SB-03-34														
WP-SB-04-0	J-3491	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	12.0	5.0 U	5.0 U	5.0 U	5.0 U
WP-SB-04-4	J-3492	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	40.0	3.3 U	3.3 U	3.3 U	3.3 U
WP-SB-04-9	J-3493	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	3.9 U	65.0	3.9 U	3.9 U	3.9 U	3.9 U
WP-SB-04-14	J-3494	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	64.0	3.5 U	3.5 U	3.5 U	3.5 U
WP-SB-04-19	J-3495	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	20.0	3.0 U	3.0 U	3.0 U	3.0 U
WP-SB-04-24	J-3496	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	17.0	2.9 U	2.9 U	2.9 U	2.9 U
WP-SB-04-29	J-3497	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	72.0	3.3 U	3.3 U	3.3 U	3.3 U
WP-SB-04-34	J-3498	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	57.0	3.6 U	3.6 U	3.6 U	3.6 U
WP-SB-05-0	J-4755	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	40.9 C	2.4 U	2.4 U	2.4 U	2.4 U
WP-SB-05-4	J-4756	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	50.2 C	2.5 U	2.5 U	2.5 U	2.5 U
WP-SB-05-14	J-4758	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	28.9 C	2.8 U	2.8 U	2.8 U	4.0
WP-SB-05-19A	J-4759	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	100.0 C	3.6 U	5.4	3.6 U	8.8
WP-SB-05-19B	J-4760	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	117.0 C	3.5 U	3.5 U	3.5 U	6.2
WP-SB-05-24	J-4761	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	16.3 C	2.5 U	2.5 U	2.5 U	2.5 U
WP-SB-05-34	J-4762	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	30.8 C	3.1 U	3.1 U	3.1 U	3.1 U
WP-SB-05-39	J-4763	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	24.5 C	2.7 U	2.7 U	2.7 U	2.7 U
WP-SB-06-0	J-4764	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	33.4 C	2.7 U	2.7 U	2.7 U	3.1
WP-SB-06-4	J-4765	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	60.0 C	2.8 U	2.8 U	2.8 U	3.6
WP-SB-06-14	J-4766	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	73.5 C	2.9 U	2.9 U	2.9 U	12.2
WP-SB-06-19	J-3300	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	56.0 C	2.6 U	2.6 U	2.6 U	3.7

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-SB-06-24	J-4767	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	76.9 C	2.7 U	2.7 U	2.7 U	24.6
WP-SB-06-29	J-4768	3.1 U	4.0	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	105.0 C	3.1 U	3.3	3.1 U	196.0
WP-SB-06-34	J-4769	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	105.0 C	3.0 U	3.0 U	3.0 U	118.0
WP-SB-07-0	J-3243	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	3.1 M	2.8 U	2.8 U	2.8 U	2.8 U
WP-SB-07-9	J-3244	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	5.0 M	3.5 U	3.5 U	3.5 U	3.5 U
WP-SB-07-19	J-3245	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	9.0 M	3.4 U	3.4 U	3.4 U	3.4 U
WP-SB-07-24A	J-3246	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	7.6 M	3.6 U	3.6 U	3.6 U	3.6 U
WP-SB-07-24B	J-3247	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	3.5 U	15.0 M	3.5 U	3.5 U	3.5 U	3.5 U
WP-SB-07-34	J-3248	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	7.5 M	6.3 U	6.3 U	6.3 U	6.3 U
WP-SB-08-0	J-3206	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U	4310.0 U
WP-SB-08-9	J-3207	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U	6350.0 U
WP-SB-08-14	J-3208	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	136.0	3.0 U	2.5 M	3.0 U	3.0 U
WP-SB-08-19	J-3209	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	4.9 M	3.0 U	206.0	3.0 U	3.0 U	3.0 U	3.0 U
WP-SB-08-24	J-3210	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	18.0	3.1 U	306.0	3.1 U	3.1 U	3.1 U	3.1 U
WP-SB-08-29	J-3211	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	59.0	3.0 U	106.0	3.0 U	3.0 U	5.4 M	4.5 M
WP-SB-09-0	J-4770	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	27.9 C	2.3 U	2.3 U	2.3 U	2.3 U
WP-SB-09-4	J-4775	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	45.5 C	2.4 U	2.4 U	2.4 U	2.4 U
WP-SB-09-14	J-4771	4.8	2.8 U	4.6 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	56.4 C	2.8 U	2.8 U	2.8 U	13.9
WP-SB-09-19	J-4797	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	162.0 C	3.3 U	3.3 U	3.3 U	15.7
WP-SB-09-24	J-4772	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	56.7 C	2.7 U	2.7 U	2.7 U	18.3
WP-SB-09-29	J-4773	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 UB	2.5 U	2.5 U	34.6 C	2.5 U	3.5 U	8.4 U	8.3
WP-SB-09-34	J-4774	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	69.6 C	3.3 U	3.3 U	3.3 U	57.1
WP-SB-10-0	J-3249	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.9 M	2.6 U	2.6 M	2.6 U	2.6 U
WP-SB-10-9	J-3250	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	3.4 U	27.0	3.4 U	3.4 U	3.4 U	3.4 U
WP-SB-10-19	J-3251	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	3.7 U	21.0	3.7 U	3.7 U	3.7 U	3.7 U
WP-SB-10-24	J-3252	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	18.0	2.7 U	2.7 U	2.7 U	2.7 U
WP-SB-10-29	J-3253	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	4.5 U	120.0	4.5 U	4.5 M	4.5 U	4.5 U
WP-SB-11-0	J-3212	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.9 M	2.8 U	2.8 U	2.8 U	2.8 U
WP-SB-11-9	J-3213	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	68.0	3.2 U	3.2 U	3.2 U	200.0
WP-SB-11-14	J-3214	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	18.0 U	3.0 U	3.0 U	3.0 U	3.0 U
WP-SB-11-19A	J-3215	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	490.0	4.0 U	4.0 U	4.0 U	1070.0
WP-SB-11-19B	J-3216	4.0 U	4.0 U	2.5 M	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	2.5 M	4.0 U	430.0
WP-SB-11-24	J-3217	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	9.6	3.2 U	2.5 M	3.2 U	3.2 U
WP-SB-11-29	J-3218	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U	4925.0 U
WP-SB-12-0	J-3219	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-12-9	J-3220	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U	5950.0 U
WP-SB-12-14	J-3221	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.6 M	3.0 U	96.0	3.0 U	3.0 U	3.0 U	13.0 M
WP-SB-12-19	J-3222	2950.0 U	2950.0 U	2950.0 U	2950.0 U	2950.0 U	2950.0 U	2950.0 U	2950.0 U	20000.0	2950.0 U	2950.0 U	2950.0 U	2950.0 U
WP-SB-12-29A	J-3223	47350.0 U	47350.0 U	47350.0 U	47350.0 U	47350.0 U	47350.0 U	47350.0 U	4735.0 U	5400.0 M	4735.0 U	4735.0 U	4735.0 U	4735.0 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-SB-12-29B	J-3224	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	14.0 M	3.2 U	3.2 U	3.2 U	3.2 U
WP-SB-13-0	J-3264	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	2.900 U	6.200 M	2.900 U	2.900 U	2.900 U	2.900 U
WP-SB-13-4	J-3265	3.300 U	3.300 U	16.000 M	3.300 U	3.300 M	3.300 U	3.300 U	3.300 U	82.000	3.300 U	3.300 U	3.300 U	3.300 U
WP-SB-13-9	J-3266	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	3.100 U	5.500 M	3.100 U	3.100 U	3.100 U	3.100 U
WP-SB-13-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-19	J-3267	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	3.500 U	36.000	3.500 U	3.500 U	3.500 U	3.500 U
WP-SB-13-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-29	J-3268	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	3.000 U	18.000	3.000 U	3.000 U	3.000 U	3.000 U
WP-SB-13-34		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-14-0	J-3238	3.2	1.2 U	1.6	1.2 U	1.2 U	5.0	320.0	1.2 U	86.0 C	3.5 U	1.2 U	1.4	3.6
WP-SB-14-4	J-3239	1.2 U	1.2 U	57.0	1.2 U	1.2 U	1.2 U	390.0	2.8	140.0 C	3.5 U	1.2 U	20.0	24.0
WP-SB-14-9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-14-14	J-3240	1.8 U	1.8 U	1.8 U	1.8 U	3.1	1.6 M	11.0	1.8 U	42.0 C	5.5 U	1.8 U	1.8 U	2.2
WP-SB-14-19	J-3241	1.3 M	1.3 U	1.3 U	2.3	1.3 U	2.0	5.0	1.3 U	58.0 C	4.0 U	1.3 U	1.3 U	1.8
WP-SB-14-24	J-4798	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	19.2 C	2.5 U	2.5 U	2.5 U	3.5 U
WP-SB-14-29	J-3242	9.5	1.3 U	1.3 U	1.3 U	1.3 U	6.1	1.3 U	1.3 U	42.0 C	4.0 U	1.3 U	1.3 U	2.2
WP-SB-14-34	J-4799	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	27.0 C	2.5 U	2.5 U	2.5 U	2.5 U
WP-SB-14-39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-0	J-3226	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	134.0	2.9 U	1.1 U	1.1 U	1.1 U
WP-SB-15-4	J-3227	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	41.0	1.2 U	11.0	3.5 U	1.2 U	1.2 U	1.2 U
WP-SB-15-14	J-3228	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	12.0	4.0 U	1.3 U	1.3 U	1.3 U
WP-SB-15-19	J-3229	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	14.0	4.0 U	1.3 U	1.3 U	1.3 U
WP-SB-15-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-29A	J-3230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-15-29B	J-3231	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	2.8	1.8	1.5 U	67.0	4.6 U	1.5 U	1.5 U	1.5 U
WP-SB-16-0	J-3232	1.2 U	1.2 U	1.2 U	1.2 U	4.2	1.2 U	1.2 U	1.2 U	300.0	3.5 U	1.2 U	1.2 U	1.2 U
WP-SB-16-4	J-3233	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	1.1 U	17.0	2.9 U	1.1 U	1.1 U	1.1 U
WP-SB-16-14	J-3234	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-16-19	J-3235	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	70.0	4.6 U	1.5 U	1.5 U	1.5 U
WP-SB-16-29A	J-3236	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	32.0	3.5 U	1.2 U	1.2 U	1.2 U
WP-SB-16-29B	J-3237	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	1.3 U	49.0	4.0 U	1.3 U	1.3 U	1.3 U
WP-SB-17-0	J-3259	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6	7.8 M	2.6 U	2.6 M	2.6 U	2.6 U
WP-SB-17-9	J-3260	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	6.1 M	3.2 U	3.2 U	3.2 M	3.2 U
WP-SB-17-19	J-3261	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	9.1 M	3.3 U	3.3 U	3.3 U	3.3 U
WP-SB-17-29	J-3262	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	6.2 M	3.2 U	3.2 M	3.2 U	3.2 U
WP-SB-18-0	J-3254	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	12.0 M	2.9 U	2.9 M	2.9 U	2.9 U
WP-SB-18-9	J-3255	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.1 M	3.0 U	3.0 U	3.0 U	3.0 U
WP-SB-18-19	J-3256	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	3.2 U	29.0	3.2 U	3.2 U	3.2 U	3.2 U
WP-SB-18-24A	J-3257	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	55.0	3.1 U	3.1 U	3.1 U	3.1 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUOROTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-SB-18-24B	J-3258	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	20.0	3.1 U	3.1 U	3.1 U	3.1 U
WP-SB-19-0	J-3291	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	799.0 C	2.5 U	2.5 U	2.5 U	2.5 U
WP-SB-19-9	J-3292	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	101.0 C	5.0	3.0 U	3.0 U	3.0 U
WP-SB-19-14	J-3293	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	151.0 C	2.8 U	2.8 U	2.8 U	2.8 U
WP-SB-19-19	J-3294	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	341.0 C	7.7 U	7.7 U	7.7 U	7.7 U
WP-SB-19-24	J-3295	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	23.0 C	2.6 U	2.6 U	2.6 U	7.0
WP-SB-19-29	J-3296	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	16.7 C	176.0	3.0 U	3.0 U	3.0 U
WP-SB-19-34	J-3297	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	25.9 C	3.1 U	3.1 U	3.1 U	3.1 U
WP-SB-19-39	J-3298	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U
WP-SB-19-46	J-3299	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U
WP-SB-20-0	J-3287	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 UB	5.3 U	5.3 U	5.3 U	5.3 U
WP-SB-20-9	J-3288	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	36.0 C	2.6 U	2.6 U	2.6 U	38.4
WP-SB-20-19	J-3289	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 UB	2.9 U	2.9 U	2.9 U	289.0
WP-SB-20-29	J-3290	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	32.3 C	2.6 UB	2.6 U	2.6 U	28.3
GROUNDWATER SAMPLES														
WP-GW-01	J-4565	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U
WP-GW-02	J-4566	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U
WP-GW-03	J-4567	10.000 U	10.0 U	21.0 M	13.0 M	10.0 U	10.0 M	10.0 M	10.0 U	110.0	10.0 U	10.0 U	10.0 U	10.0 U
WP-MW-34A	J-4578	5.000 U	5.000 U	5.000 U	5.000 U	10.000 U	5.000 U	3880.000	5.000 U	5.000 K	10.000 U	NT	5.000 U	5.000 K
WP-MW-34B	J-4577	5.000 U	5.000 U	5.000 U	5.000 U	10.000 U	5.000 U	5.000 U	5.000 U	5.000 K	10.000 U	NT	5.000 U	5.000 K
WP-MW-35	J-4576	5.000 U	5.000 U	5.000 U	5.000 U	10.000 U	5.000 U	901.000	5.000 U	5.000 K	10.000 U	NT	5.000 U	5.000 K

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-MB-01-0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-MB-01-5	J-4661	62.0 M	25.0 U	5.0 U	25.0 U	25.0 U	25.0 U	25.0 U	267.0	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-10	J-4662	50.0 M	1861.0	1520.0	5.0 U	25.0 U	112.0 M	25.0 U	25.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-15	J-4663	25.0 U	1187.0	206.0	5.0 U	25.0 U	39.0 M	25.0 U	25.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-20	J-4664	5.0 U	1113.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-25	J-4665	5.0 U	7449.0	24.0 M	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-30	J-4666	5.0 U	21.0 M	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-35	J-4667	5.0 U	242.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-40	J-4668	5.0 U	427.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-50	J-4669	5.0 U	49.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-60	J-4670	5.0 U	48.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-70A	J-4671	25.0 U	9168.0	25.0 U	5.0 U	25.0 U	25.0 U	25.0 U	25.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-70B	J-4672	5.0 U	34.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-80	J-4673	5.0 U	66.0	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	0.005 U	0.005 U	0.01 U	0.005 U	0.005 U	0.005 U	0.005 U
WP-MB-01-90	J-4674	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-100	J-4675	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-02-0	J-4676	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-5	J-4677	10.0 U	3300.0	2600.0	10.0 U	10.0 U	130.0	10.0 U	520.0	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-10	J-4678	10.0 U	2500.0	1375.0	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-15	J-4679	28.0	1800.0	1600.0	10.0 U	10.0 U	62.0	10.0 U	110.0	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-20	J-4680	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-25	J-4681	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-30	J-4682	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-40A	J-4683	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-40B	J-4686	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-50	J-4684	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-02-60	J-4685	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	1.000 U	1.000 U	1.00 U	1.000 U	1.000 U	1.000 U	1.000 U
WP-MB-03-0	J-4687	2.6 U	52.0 U	104.0 U	5.2 U	52.0 U	52.0 U	2.6 U	2.6 U	48.000 U	48.000 U	48.00 U	48.000 U	48.000 U	48.000 U	48.000 U
WP-MB-03-5	J-4688	3.0 M	60.5 U	121.0 U	6.0 U	60.5 U	60.5 U	3.0 U	3.0 U	68.000 U	68.000 U	68.00 U	68.000 U	68.000 U	68.000 U	68.000 U
WP-MB-03-10	J-4689	21000.0 M	175000.0 U	350000.0 U	17500.0 U	175000.0 U	175000.0 U	8750.0 M	8750.0 U	108.000 U	108.000 U	108.00 U	108.000 U	108.000 U	108.000 U	108.000 U
WP-MB-03-15	J-4690	3675.0 U	73500.0 U	147000.0 U	7350.0 U	73500.0 U	73500.0 U	3675.0 U	3675.0 U	11.200 U	11.200 U	11.20 U	11.200 U	11.200 U	11.200 U	11.200 U
WP-MB-03-20	J-4691	3.6 M	68.5 U	137.0 U	6.9 U	68.5 U	68.5 U	3.0 U	3.0 U	6.800 U	6.800 U	6.80 U	6.800 U	6.800 U	6.800 U	6.800 U
WP-MB-03-25A	J-4692	3.0 U	60.0 U	120.0 U	6.0 U	60.0 U	60.0 U	3.0 U	3.0 U	7.200 U	7.200 U	7.20 U	7.200 U	7.200 U	7.200 U	7.200 U
WP-MB-03-25B	J-4693	2.9 U	58.5 U	117.0 U	5.9 U	58.5 U	58.5 U	2.9 U	2.9 U	7.200 U	7.200 U	7.20 U	7.200 U	7.200 U	7.200 U	7.200 U
WP-MB-03-34	J-4694	3.5 U	68.0 U	138.0 U	7.0 U	68.0 U	68.0 U	3.5 U	3.5 U	6.000 U	6.000 U	6.00 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-MB-03-40	J-4695	2.9 U	58.0 U	116.0 U	5.8 U	58.0 U	58.0 U	2.9 U	2.9 U	6.400 U	6.400 U	6.40 U	6.400 U	6.400 U	6.400 U	6.400 U
WP-MB-03-50	J-4696	2.9 U	60.0 U	119.0 U	5.9 U	60.0 U	60.0 U	2.9 U	2.9 U	7.600 U	7.600 U	7.60 U	7.600 U	7.600 U	7.600 U	7.600 U
WP-MB-03-60	J-4697	3.2 U	6.3 U	126.0 U	6.3 U	63.0 U	63.0 U	3.2 U	3.2 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-MB-03-70	J-4698	2.9 U	58.0 U	116.0 U	5.8 U	58.0 U	58.0 U	2.9 U	2.9 U	4.700 U	4.700 U	4.70 U	4.700 U	4.700 U	4.700 U	4.700 U
WP-MB-03-80	J-4699	2.9 U	59.5 U	119.0 U	5.9 U	59.5 U	59.5 U	2.9 U	2.9 U	5.000 U	5.000 U	5.00 U	5.000 U	5.000 U	5.000 U	5.000 U
WP-MB-03-90	J-4700	3.6 U	71.5 M	143.0 U	7.0 U	71.5 U	71.5 U	3.6 U	3.6 U	60.000 U	60.000 U	60.00 U	60.000 U	60.000 U	60.000 U	60.000 U
WP-MB-03-100	J-4751	3.4 U	68.0 U	136.0 U	6.8 U	68.0 U	68.0 U	3.4 U	3.4 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-IB-01-0	J-4776	2.5 U	9.0 C	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	17.000 U	17.000 U	26.00 U	17.000 U	9.000 U	17.000 U	26.000 U
WP-IB-01-4	J-4777	12.2	90.9 C	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-IB-01-9	J-4778	862.0	221.0 C	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-01-14	J-4779	79.8	2060.0 C	18.2	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-01-19	J-4780	31.6	1240.0 C	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	7.1 U	NT	NT	NT	NT	NT	NT	NT
WP-IB-01-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-IB-01-29	J-4781	3.1 U	489.5 C	3.1 U	3.1 U	3.1 U	4.9	3.1 U	3.1 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-IB-01-34	J-4782	2.9 U	2990.0 C	45.0	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-IB-01-39A	J-4783	2.6 U	713.0 C	13.1	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-IB-01-39B	J-4784	2.6 U	1090.0 C	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-IB-01-59	J-4785	2.5 U	37.7	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	7.000 U	7.000 U	10.00 U	7.000 U	4.000 U	7.000 U	10.000 U
WP-IB-02-0	J-4786	2.2 U	2.2 UB	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	2.2 U	10.000 U	10.000 U	14.00 U	10.000 U	7.000 U	10.000 U	14.000 U
WP-IB-02-4	J-4787	2.4 U	2.4 UB	3.1	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	14.000 U	14.000 U	20.00 U	14.000 U	7.000 U	14.000 U	20.000 U
WP-IB-02-9	J-4788	88.0	254.0 C	2.8 UB	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-02-14	J-4789	206.0	261.0 C	32.6 C	2.7 U	2.7 U	9.8	2.7 U	10.7	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-IB-02-19	J-4790	3.1 U	463.0 C	53.4 C	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	9.000 U	9.000 U	13.00 U	9.000 U	4.000 U	9.000 U	13.000 U
WP-IB-02-24	J-3202	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-IB-02-29	J-4791	2.6 U	163.0 C	17.9 C	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-02-34	J-3203	2.7 U	212.0 C	2.7 UB	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-02-39	J-4792	2.8 U	95.6 C	2.8 UB	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-IB-02-44	J-3204	2.3 U	153.0 C	2.3 UB	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-IB-02-49	J-4793	2.6 U	86.7 C	2.6 UB	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-IB-02-54A	J-4794	2.4 U	8.9 C	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-IB-02-54B	J-4795	4.7 U	4.7 UB	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	4.7 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-IB-02-59	J-3205	2.4 U	2.4 UB	3.7	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-IB-03-0	J-4550	5.5 U	5.5 U	5.5 U	1.1 U	9.0 M	6.0 M	5.5 U	5.5 U	18.300 U	18.300 U	36.70 U	18.300 U	18.300 U	18.300 U	18.300 U
WP-IB-03-4	J-4551	5.5 U	5.5 U	5.5 U	1.1 U	5.5 U	5.5 U	5.5 U	5.5 U	17.700 U	17.700 U	35.50 U	17.700 U	17.700 U	17.700 U	17.700 U
WP-IB-03-14	J-4552	6.0 U	6.0 U	6.0 U	1.2 U	6.0 U	6.0 U	6.0 U	6.0 U	15.000 U	15.000 U	30.00 U	15.000 U	15.000 U	15.000 U	15.000 U
WP-IB-03-24	J-4553	5.5 U	5.5 U	5.5 U	1.1 U	5.5 U	5.5 U	5.5 U	5.5 U	13.700 U	13.700 U	27.50 U	13.700 U	13.700 U	13.700 U	13.700 U
WP-IB-03-34A	J-4554	6.5 U	6.5 U	6.5 U	1.3 U	6.5 U	6.5 U	6.5 U	6.5 U	15.400 U	15.400 U	30.95 U	15.400 U	15.400 U	15.400 U	15.400 U
WP-IB-03-34B	J-4555	6.5 U	6.5 U	6.5 U	1.3 U	6.5 U	6.5 U	6.5 U	6.5 U	19.000 U	19.000 U	38.20 U	19.000 U	19.000 U	19.000 U	19.000 U
WP-IB-03-39	J-4556	6.5 U	6.5 U	6.5 U	1.3 U	6.5 U	6.5 U	6.5 U	6.5 U	16.600 U	16.600 U	33.33 U	16.600 U	16.600 U	16.600 U	16.600 U
WP-IB-03-44	J-4557	6.5 U	6.5 U	6.5 U	4.0 M	6.5 U	6.5 U	6.5 U	6.5 U	18.500 U	18.500 U	37.10 U	18.500 U	18.500 U	18.500 U	18.500 U
WP-IB-03-49	J-4558	6.0 U	6.0 U	6.0 U	1.2 U	6.0 U	6.0 U	6.0 U	6.0 U	15.800 U	15.800 U	31.50 U	15.800 U	15.800 U	15.800 U	15.800 U
WP-IB-03-54	J-4559	5.5 U	5.5 U	5.5 U	1.1 U	5.5 U	5.5 U	5.5 U	5.5 U	13.750 U	13.750 U	27.50 U	13.750 U	13.750 U	13.750 U	13.750 U
WP-IB-03-59	J-4560	6.0 U	6.0 U	6.0 U	1.2 U	6.0 U	6.0 U	6.0 U	6.0 U	15.000 U	15.000 U	30.00 U	15.000 U	15.000 U	15.000 U	15.000 U
WP-SB-01-0	J-3279	2.700 U	55.500 U	111.000 U	5.500 U	55.500 U	55.500 U	2.700 U	2.700 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-01-4	J-3280	2.700 U	55.500 U	110.000 U	5.500 U	55.000 U	55.000 U	2.700 U	2.700 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-01-9	J-3281	3.800 U	77.500 U	155.000 U	7.700 U	77.500 U	77.500 U	3.800 U	3.800 U	6.400 U	6.400 U	6.400 U	6.400 U	6.400 U	6.400 U	6.400 U
WP-SB-01-14	J-3282	39.000	72.500 U	145.000 U	7.000 U	77.500 U	77.500 U	3.600 U	3.600 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-SB-01-19	J-3283	7.100 M	65.500 M	131.000 U	6.500 U	65.500 U	65.500 U	3.300 U	3.300 U	52.000 U	52.000 U	52.000 U	52.000 U	52.000 U	52.000 U	52.000 U
WP-SB-01-24A	J-3284	3.200 U	72.000 M	129.000 U	6.400 U	64.500 U	64.500 U	3.200 U	3.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-01-24B	J-3285	3.000 U	63.000 M	126.000 U	6.000 U	63.000 U	63.000 U	3.000 U	3.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U
WP-SB-01-29	J-3286	3.500 U	99.000 M	140.000 U	7.000 U	70.000 U	70.000 U	3.500 U	3.500 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-02-0	J-3274	2.900 U	58.000 U	120.000 U	5.800 U	58.000 U	58.000 U	2.900 U	2.900 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-02-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-9	J-3275	7.100 M	71.000 U	148.000 U	7.100 U	71.000 U	71.000 U	3.600 U	3.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-02-14	J-3276	34.000	320.000 M	140.000 M	7.000 U	70.000 U	70.000 U	3.500 U	3.500 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-02-19	J-3277	4.000 U	338.000 M	165.000 U	7.500 U	75.500 U	75.500 U	4.000 U	4.000 U	6.800 U	6.800 U	6.800 U	6.800 U	6.800 U	6.800 U	6.800 U
WP-SB-02-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-29	J-3278	3.700 U	74.000 M	148.000 U	7.400 U	74.000 U	74.000 U	3.700 U	3.700 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-03-0	J-3269	3.100 U	62.000 U	124.000 U	6.200 U	62.000 U	62.000 U	3.100 U	3.100 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-03-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-9	J-3270	3.000 U	75.000 U	150.000 U	7.500 U	75.000 U	75.000 U	3.000 U	3.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-03-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-19	J-3271	3.000 U	74.000 M	150.000 U	7.000 U	74.000 U	74.000 U	3.000 U	3.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-03-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-29A	J-3272	3.600 U	73.000 U	1500.000 U	7.000 U	73.000 U	73.000 U	3.600 U	3.600 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-03-29B	J-3273	4.600 U	91.000 U	180.000 U	9.100 U	91.000 U	91.000 U	4.600 U	4.600 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U
WP-SB-03-34																
WP-SB-04-0	J-3491	5.0 U	100.0 U	200.0 U	10.0 U	100.0 U	100.0 U	5.0 U	5.0 U	200.000 U	200.000 U	200.00 U	200.000 U	200.000 U	200.000 U	200.000 U
WP-SB-04-4	J-3492	3.3 U	65.0 U	130.0 U	6.5 U	65.0 U	65.0 U	3.3 U	3.3 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-04-9	J-3493	2.5 M	68.0	154.0 U	7.7 U	77.0 U	77.0 U	3.9 U	3.9 U	6.000 U	6.000 U	6.00 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-04-14	J-3494	3.5 U	71.0 U	142.0 U	7.1 U	71.0 U	71.0 U	3.5 U	3.5 U	6.000 U	6.000 U	6.00 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-04-19	J-3495	3.0 U	38.0 M	121.0 U	6.0 U	60.5 U	60.5 U	3.0 U	3.0 U	48.000 U	48.000 U	48.00 U	48.000 U	48.000 U	48.000 U	48.000 U
WP-SB-04-24	J-3496	2.9 U	88.0	119.0 U	5.9 U	59.5 U	59.5 U	2.9 U	2.9 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-04-29	J-3497	3.3 U	66.0 U	132.0 U	6.6 U	66.0 U	66.0 U	3.3 U	3.3 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-04-34	J-3498	3.6 U	110.0	144.0 U	7.2 U	72.0 U	72.0 U	3.6 U	3.6 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-05-0	J-4755	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-05-4	J-4756	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-05-14	J-4758	2.8 U	22.8 C	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-SB-05-19A	J-4759	3.6 U	10.8 C	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	3.6 U	7.000 U	7.000 U	11.00 U	7.000 U	4.000 U	7.000 U	11.000 U
WP-SB-05-19B	J-4760	3.5 U	14.6 C	3.5 U	3.8	3.5 U	3.5 U	3.5 U	3.5 U	7.000 U	7.000 U	11.00 U	7.000 U	4.000 U	7.000 U	11.000 U
WP-SB-05-24	J-4761	2.5 U	874.0 C	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.000 U	5.000 U	7.00 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-05-34	J-4762	3.1 U	24.7 C	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-SB-05-39	J-4763	2.7 U	4.8 C	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-SB-06-0	J-4764	2.7 U	24.8 C	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-SB-06-4	J-4765	2.8 U	45.1 C	2.8 UB	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	6.000 U	6.000 U	8.00 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-SB-06-14	J-4766	2.9 U	271.0 C	16.4 C	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-SB-06-19	J-3380	2.6 U	79.8 C	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.200 U	5.200 U	7.80 U	5.200 U	2.600 U	5.200 U	7.800 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-SB-06-24	J-4767	2.7 U	154.0 C	17.4 C	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	5.000 U	5.000 U	8.00 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-SB-06-29	J-4768	3.1 U	62.6 C	3.1 UB	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-SB-06-34	J-4769	3.0 U	620.0 C	3.0 U	28.6	3.0 U	3.0 U	3.0 U	3.0 U	6.000 U	6.000 U	9.00 U	6.000 U	3.000 U	6.000 U	9.000 U
WP-SB-07-0	J-3243	2.8 U	57.5 U	115.0 U	5.7 U	57.5 U	57.5 U	2.8 U	2.8 U	4.800 U	4.800 U	4.80 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-07-9	J-3244	3.5 U	71.5 U	143.0 U	7.1 U	71.5 U	71.5 U	3.5 U	3.5 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-07-19	J-3245	3.4 U	110.0 M	139.0 U	6.9 U	69.5 U	69.5 U	3.4 U	3.4 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-07-24A	J-3246	3.6 U	72.5 M	145.0 U	7.2 U	72.5 U	72.5 U	3.6 U	3.6 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-07-24B	J-3247	3.5 U	71.0 M	142.0 U	7.1 U	71.0 U	71.0 U	3.5 U	3.5 U	6.000 U	6.000 U	6.00 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-07-34	J-3248	6.3 U	63.5 M	127.0 U	6.3 U	63.5 U	63.5 U	3.1 U	3.1 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-08-0	J-3206	4310.0 U	86200.0 U	172400.0 U	8620.0 U	86200.0 U	86200.0 U	4310.0 U	4310.0 U	4.400 U	4.400 U	4.40 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-08-9	J-3207	6350.0 U	127000.0 U	254000.0 U	12700.0 U	127000.0 U	127000.0 U	6350.0 U	6350.0 U	5.600 U	5.600 U	5.60 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-08-14	J-3208	8.2 M	61.5 U	123.0 U	6.0 U	61.5 U	61.5 U	3.0 U	3.0 U	5.300 U	5.300 U	5.30 U	5.300 U	5.300 U	5.300 U	5.300 U
WP-SB-08-19	J-3209	8.7 M	62.5 U	125.0 U	6.0 U	62.5 U	62.5 U	3.0 U	3.0 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-08-24	J-3210	5.7 M	63.5 U	127.0 U	6.3 U	63.5 U	63.5 U	3.1 U	3.1 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-08-29	J-3211	57.0	50.0 M	121.0 U	6.0 U	60.5 U	60.5 U	3.0 U	3.0 U	5.200 U	5.200 U	5.20 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-09-0	J-4770	2.3 U	9.9 C	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	2.3 U	5.000 U	5.000 U	7.000 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-09-4	J-4775	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	5.000 U	5.000 U	7.000 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-09-14	J-4771	37.9	951.0 C	9.6 C	2.8 U	2.8 U	2.8 U	2.8 U	6.3	6.000 U	6.000 U	8.000 U	6.000 U	3.000 U	6.000 U	8.000 U
WP-SB-09-19	J-4797	3.3 U	4.5 C	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	6.500 U	6.500 U	9.800 U	6.500 U	3.300 U	6.500 U	9.800 U
WP-SB-09-24	J-4772	2.7 U	91.9 C	2.7 UB	2.7 U	2.7 U	2.7 U	2.7 U	2.7 U	5.000 U	5.000 U	8.000 U	5.000 U	3.000 U	5.000 U	8.000 U
WP-SB-09-29	J-4773	58.5	34.5 C	2.5 UB	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.000 U	5.000 U	7.000 U	5.000 U	2.000 U	5.000 U	7.000 U
WP-SB-09-34	J-4774	13.9	85.8 C	3.3 UB	3.3 U	3.3 U	3.3 U	3.3 U	3.3 U	7.000 U	7.000 U	10.000 U	7.000 U	3.000 U	7.000 U	10.000 U
WP-SB-10-0	J-3249	2.6 U	51.0 U	102.0 U	5.1 U	51.0 U	51.0 U	2.6 U	2.6 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-10-9	J-3250	3.4 U	69.5 U	139.0 U	6.9 U	69.5 U	69.5 U	3.4 U	3.4 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-10-19	J-3251	3.7 U	170.0 M	151.0 U	7.5 U	75.5 U	75.5 U	3.7 U	3.7 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U
WP-SB-10-24	J-3252	2.7 U	75.0 M	111.0 U	5.5 U	55.5 U	55.5 U	2.7 U	2.7 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-10-29	J-3253	4.5 U	340.0 M	182.0 U	9.1 U	91.0 U	91.0 U	4.5 U	4.5 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U
WP-SB-11-0	J-3212	2.8 U	57.5 U	115.0 U	5.7 U	57.5 U	57.5 U	2.8 U	2.8 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U
WP-SB-11-9	J-3213	7.0 M	64.5	129.0 U	6.4 U	64.5 U	64.5 U	3.2 U	3.2 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-11-14	J-3214	3.0 U	6.0 U	127.0 U	6.0 U	63.5 U	63.5 U	3.0 U	3.0 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U
WP-SB-11-19A	J-3215	4.0 U	99.0	175.0 U	8.7 U	87.5 U	87.5 U	4.0 U	4.0 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U
WP-SB-11-19B	J-3216	16.0	340.0	167.0 U	8.3 U	83.5 U	83.5 U	4.0 U	4.0 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U
WP-SB-11-24	J-3217	3.2 U	64.0 U	128.0 U	6.4 U	64.0 U	64.0 U	3.2 U	3.2 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-11-29	J-3218	4925.0 U	98500.0 U	197000.0 U	4850.0 U	98500.0 U	98500.0 U	4925.0 U	4925.0 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-12-0	J-3219	NT	NT	NT	NT	NT	NT	NT	NT	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U
WP-SB-12-9	J-3220	5950.0 U	119000.0 U	238000.0 U	11900.0 U	119000.0 U	119000.0 U	5950.0 U	5950.0 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-12-14	J-322:	16.0 M	50.0 M	125.0 U	6.0 U	62.5 U	62.5 U	3.0 U	3.0 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-12-19	J-3222	2950.0 U	5900.0 U	118000.0 U	5900.0 U	59000.0 U	59000.0 U	2950.0 U	12000.0 M	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-12-29A	J-3223	4735.0 U	94700.0 U	189400.0 U	9470.0 U	94700.0 U	94700.0 U	4735.0 U	5.0 M	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U

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ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-SB-12-29B	J-3224	6.9 M	65.0 U	130.0 U	6.5 U	65.0 U	65.0 U	3.2 U	3.2 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-13-0	J-3264	2.900 U	58.000 U	116.000 U	5.800 U	58.000 U	58.000 U	2.900 U	2.900 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-13-4	J-3265	12.000 M	74.000 M	133.000 U	6.000 U	66.500 U	66.500 U	3.300 U	3.300 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-13-9	J-3266	3.100 U	62.000 U	124.000 U	6.200 U	62.000 U	62.000 U	3.100 U	3.100 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-13-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-19	J-3267	3.500 U	70.000 U	140.000 U	7.000 U	70.000 U	70.000 U	3.500 U	3.500 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-13-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-29	J-3268	3.000 U	61.000 U	122.000 U	6.100 U	61.000 U	61.000 U	3.000 U	3.000 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-13-34		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-14-0	J-3238	2500.0 C	29.0	2.4 U	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	28.000 U	22.000 U	70.000 U	32.000 U	32.000 U	38.000 U	20.000 U
WP-SB-14-4	J-3239	50000.0 C	1050.0	36.0 C	2.4 U	8.7	8.2	1.2 U	6.3	1.400 U	1.100 U	3.500 U	1.600 U	1.600 U	1.900 U	1.000 U
WP-SB-14-9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-14-14	J-3240	26.0 C	800.0	14.0 C	3.6 U	1.8 U	5.7	1.8 U	1.8 U	2.100 U	1.700 U	5.500 U	2.500 U	2.400 U	3.000 U	1.600 U
WP-SB-14-19	J-3241	12.0	71.0	1.3 U	3.2	1.3 U	1.3 U	1.3 U	1.3 U	1.500 U	1.200 U	4.000 U	1.800 U	1.800 U	2.200 U	1.200 U
WP-SB-14-24	J-4798	9.1	190.0 C	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.000 U	5.000 U	7.500 U	5.000 U	2.500 U	5.000 U	7.500 U
WP-SB-14-29	J-3242	12.0 C	2.7 U	3.7 C	2.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.500 U	1.200 U	4.000 U	1.800 U	1.800 U	2.200 U	1.200 U
WP-SB-14-34	J-4799	12.3	23.6 C	2.6	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	4.900 U	4.900 U	12.000	4.900 U	2.500 U	4.900 U	7.400 U
WP-SB-14-39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-0	J-3226	1.1 U	43.0 C	14.0 C	1.9 U	1.1 U	1.1 U	1.1 U	1.1 U	1.200 U	1.000 U	3.200 U	1.400 U	1.400 U	1.700 U	0.930 U
WP-SB-15-4	J-3227	1.2 U	130.0	10.0 C	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.400 U	1.100 U	3.500 U	1.600 U	1.600 U	1.900 U	1.000 U
WP-SB-15-14	J-3228	1.3 U	510.0	8.0 C	2.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.500 U	1.200 U	4.000 U	1.800 U	1.800 U	2.200 U	1.200 U
WP-SB-15-19	J-3229	1.3 U	2050.0	1.3 U	2.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.500 U	1.200 U	4.000 U	1.800 U	1.800 U	2.200 U	1.200 U
WP-SB-15-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-29A	J-3230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-15-29B	J-3231	1.5 U	5.6	11.0 C	3.1 U	1.5 U	1.5 U	1.5 U	1.5 U	1.600 U	1.400 U	4.600 U	2.100 U	2.000 U	2.500 U	1.400 U
WP-SB-16-0	J-3232	1.2 U	34.0	8.6 C	2.4 U	9.2	6.4	1.2 U	1.2 U	1.400 U	1.100 U	3.500 U	1.600 U	1.600 U	1.900 U	1.000 U
WP-SB-16-4	J-3233	1.1 U	3.7	1.1 U	1.9 U	1.1 U	1.1 U	1.1 U	1.1 U	1.200 U	1.000 U	3.200 U	1.400 U	1.400 U	1.700 U	0.930 U
WP-SB-16-14	J-3234	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-16-19	J-3235	1.5 U	6200.0	36.0 C	4.0	1.5 U	1.5 U	1.5 U	1.5 U	1.800 U	1.400 U	4.600 U	2.100 U	2.000 U	2.500 U	1.400 U
WP-SB-16-29A	J-3236	1.2 U	3900.0	1.2 U	2.4 U	1.2 U	1.2 U	1.2 U	1.2 U	1.400 U	1.100 U	3.500 U	1.600 U	1.600 U	1.900 U	1.000 U
WP-SB-16-29B	J-3237	1.3 U	280.0	1.3 U	2.7 U	1.3 U	1.3 U	1.3 U	1.3 U	1.500 U	1.200 U	4.000 U	1.800 U	1.800 U	2.200 U	1.200 U
WP-SB-17-0	J-3259	2.6 U	53.0 U	106.0 U	5.3 U	53.0 U	53.0 U	2.6 U	2.6 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U
WP-SB-17-9	J-3260	3.2 U	64.5 U	129.0 U	6.4 U	64.5 U	64.5 U	3.2 U	3.2 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-17-19	J-3261	3.3 U	67.5 U	135.0 U	6.7 U	67.5 U	67.5 U	3.3 U	3.3 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-17-29	J-3262	3.2 U	6.5 U	130.0 U	6.5 U	65.0 U	65.0 U	3.2 U	3.2 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-18-0	J-3254	2.9 U	59.0 U	118.0 U	5.9 U	59.0 U	59.0 U	2.9 U	2.9 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U
WP-SB-18-9	J-3255	3.0 U	61.5 U	123.0 U	6.1 U	61.5 U	61.5 U	3.0 U	3.0 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-18-19	J-3256	3.2 U	65.5 U	131.0 U	6.5 U	65.5 U	65.5 U	3.2 U	3.2 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U
WP-SB-18-24A	J-3257	3.1 U	63.5 U	127.0 U	6.3 U	63.5 U	63.5 U	3.1 U	3.1 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U

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5/84 TO 7/84
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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-SB-18-24B	J-3258	3.1 U	63.5 U	127.0 U	6.3 U	63.5 U	63.5 U	3.1 U	3.1 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U
WP-SB-19-0	J-3291	2.5 U	2.5 UB	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	5.000 U	5.000 U	7.000 U	5.000 U	2.500 U	5.000 U	7.500 U
WP-SB-19-9	J-3292	3.0 U	3.0 UB	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.900 U	5.900 U	8.900 U	5.900 U	3.000 U	5.700 U	8.900 U
WP-SB-19-14	J-3293	2.8 U	2.8 UB	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	2.8 U	5.500 U	5.500 U	8.300 U	5.500 U	2.800 U	5.500 U	8.300 U
WP-SB-19-19	J-3294	7.7 U	7.7 UB	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	7.7 U	8.000 U	8.000 U	12.000 U	8.000 U	4.000 U	8.000 U	12.000 U
WP-SB-19-24	J-3295	2.6 U	8.8 C	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	45.000	64.000	55.000	5.100 U	61.000	62.000	7.700 U
WP-SB-19-29	J-3296	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	5.900 U	5.900 U	8.900 U	5.900 U	3.000 U	5.900 U	8.900 U
WP-SB-19-34	J-3297	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	3.1 U	6.300 U	6.300 U	9.400 U	6.300 U	3.000 U	6.300 U	9.400 U
WP-SB-19-39	J-3298	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.200 U	5.200 U	7.800 U	5.200 U	2.600 U	5.200 U	7.800 U
WP-SB-19-46	J-3299	2.4 U	2.4 UB	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	4.800 U	4.800 U	7.200 U	4.800 U	2.400 U	4.800 U	7.200 U
WP-SB-20-0	J-3287	5.3 U	5.3 UB	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.3 U	5.200 U	5.200 U	7.800 U	5.200 U	2.600 U	5.200 U	7.800 U
WP-SB-20-9	J-3288	2.6 U	18.8 C	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	2.6 U	5.200 U	5.200 U	7.600 U	5.200 U	2.600 U	5.200 U	7.600 U
WP-SB-20-19	J-3289	2.9 U	2.9 UB	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	2.9 U	5.700 U	5.700 U	8.600 U	5.700 U	2.900 U	5.700 U	8.600 U
WP-SB-20-29	J-3290	15.6	522.0 C	2.6 U	2.6 U	8.9	6.5	2.6 U	7.2	381.000	5.100 U	7.700 U	122.000	2.600 U	5.100 U	742.000
GROUNDWATER SAMPLES																
WP-GW-01	J-4565	10.000 M	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
WP-GW-02	J-4566	10.000 M	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	10.000 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
WP-GW-03	J-4567	140.0	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U
WP-MW-34A	J-4578	5.000 K	5.000 U	5.000 U	1.000 U	5.000 U	5.000 U	5.000 U	5.000 U	0.003 U	0.003 U	0.006 U	0.003 U	0.003 U	0.003 U	0.003 U
WP-MW-34B	J-4577	5.000 U	5.000 U	5.000 U	1.000 U	5.000 U	5.000 U	5.000 U	5.000 U	0.008 U	0.008 U	0.015 U	0.008 U	0.008 U	0.008 U	0.008 U
WP-MW-35	J-4576	5.000 U	5.000 U	5.000 U	1.000 U	5.000 U	5.000 U	5.000 U	5.000 U	0.004 U	0.004 U	0.007 U	0.004 U	0.004 U	0.004 U	0.004 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-MB-01-0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-MB-01-5	J-4661	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 M	400.0 U	200.0 U	200.0 U
WP-MB-01-10	J-4662	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	1631.0 M	6492.0 M	200.0 U	200.0 U
WP-MB-01-15	J-4663	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 M	4000.0 U	200.0 U	200.0 U
WP-MB-01-20	J-4664	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	506.4 U	2532.0 U	2532.0 U	1013.0 U	506.4 U	506.4 U	5064.0 U	253.0 U	253.0 U
WP-MB-01-25	J-4665	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 U	4000.0 U	200.0 U	200.0 U
WP-MB-01-30	J-4666	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 U	4000.0 U	2000.0 U	2000.0 U
WP-MB-01-35	J-4667	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	250.0 U	1250.0 U	1250.0 U	500.0 U	250.0 U	250.0 U	25000.0 U	125.0 U	125.0 U
WP-MB-01-40	J-4668	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	500.0 U	2500.0 U	2500.0 U	1000.0 U	500.0 U	500.0 U	5000.0 U	250.0 U	250.0 U
WP-MB-01-50	J-4669	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	250.0 U	1250.0 U	1250.0 U	500.0 U	250.0 U	250.0 U	2500.0 U	125.0 U	125.0 U
WP-MB-01-60	J-4670	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	170.0 U	850.0 U	850.0 U	340.0 U	170.0 U	170.0 U	1700.0 U	85.0 U	85.0 U
WP-MB-01-70A	J-4671	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 U	4000.0 U	200.0 U	200.0 U
WP-MB-01-70B	J-4672	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 U	4000.0 U	200.0 U	200.0 U
WP-MB-01-80	J-4673	0.005 U	0.05 U	0.1 U	0.1 U	0.2 U	400.0 U	2000.0 U	2000.0 U	800.0 U	400.0 U	400.0 U	4000.0 U	200.0 U	200.0 U
WP-MB-01-90	J-4674	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-100	J-4675	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-02-0	J-4676	1.000 U	1.00 U	100.0	1.0 U	1.0 U	42.0 K	420.0 U	420.0 U	420.0 U	420.0 U	230.0 M	420.0 U	45.0 M	88.0 M
WP-MB-02-5	J-4677	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	95.0 M	400.0 U	400.0 U	400.0 U	120.0 M	1600.0	400.0	330.0	380.0
WP-MB-02-10	J-4678	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-15	J-4679	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-20	J-4680	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	390.0 U	390.0 U	390.0 U	391.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-25	J-4681	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-30	J-4682	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40A	J-4683	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40B	J-4686	1.000 U	1.00 U	10.0	1.0 U	1.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U
WP-MB-02-50	J-4684	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-60	J-4685	1.000 U	1.00 U	1.0 U	1.0 U	1.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-03-0	J-4687	48.000 U	48.00 U	48.0 U	48.0 U	48.0 U	486.0 U	4860.0 U	2430.0 U	972.0 U	972.0 U	486.0 U	4860.0 U	486.0 U	486.0 U
WP-MB-03-5	J-4688	68.000 U	68.00 U	7310.0	9690.0	68.0 U	700.0 U	7000.0 U	3500.0 U	1400.0 U	1970.0 M	700.0 U	7000.0 U	700.0 U	700.0 U
WP-MB-03-10	J-4689	108.000 U	66000.00	48000.0	100.0	108.0 U	1070.0 U	10700.0 M	16000.0 M	33000.0	5800.0 M	6200.0 M	10700.0 U	1070.0 U	1070.0 M
WP-MB-03-15	J-4690	11.200 U	2000.00	2000.0	11.2 U	11.2 U	1110.0 U	11100.0 U	7700.0 M	19700.0 M	2400.0 M	6600.0	11100.0 U	1110.0 U	1110.0 M
WP-MB-03-20	J-4691	6.800 U	6.80 U	6.8 U	6.8 U	6.8 U	690.0 U	6900.0 U	3450.0 U	1380.0 U	1380.0 U	690.0 U	6900.0 U	690.0 U	690.0 U
WP-MB-03-25A	J-4692	7.200 U	7.20 U	7.2 U	7.2 U	7.2 U	700.0 U	7000.0 U	3500.0 U	1400.0 U	1400.0 U	700.0 U	7000.0 U	700.0 U	700.0 U
WP-MB-03-25B	J-4693	7.200 U	7.20 U	7.2 U	7.2 U	7.2 U	498.0 U	4980.0 U	2490.0 U	996.0 U	996.0 U	498.0 U	4980.0 U	498.0 U	498.0 U
WP-MB-03-34	J-4694	6.000 U	6.00 U	6.0 U	6.0 U	6.0 U	613.0 U	6130.0 U	3065.0 U	1226.0 U	1226.0 U	613.0 U	6130.0 U	613.0 U	613.0 U
WP-MB-03-40	J-4695	6.400 U	6.40 U	6.4 U	6.4 U	6.4 U	643.0 U	6430.0 U	3215.0 U	1286.0 U	1286.0 U	643.0 U	6430.0 U	643.0 U	643.0 U
WP-MB-03-50	J-4696	7.600 U	7.60 U	7.6 U	7.6 U	7.6 U	774.0 U	7740.0 U	3870.0 U	1548.0 U	1548.0 U	774.0 U	7740.0 U	774.0 U	774.0 U
WP-MB-03-60	J-4697	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-70	J-4698	4.700 U	4.70 U	4.7 U	4.7 U	4.7 U	473.0 U	4730.0 U	2365.0 U	946.0 U	946.0 U	473.0 U	4730.0 U	473.0 U	473.0 U
WP-MB-03-80	J-4699	5.000 U	5.00 U	5.0 U	5.0 U	5.0 U	400.0 U	4000.0 U	2000.0 U	800.0 U	800.0 U	400.0 U	4000.0 U	400.0 U	400.0 U
WP-MB-03-90	J-4700	60.000 U	60.00 U	60.0 U	60.0 U	60.0 U	599.0 U	5990.0 U	2995.0 U	1198.0 U	1198.0 U	599.0 U	5990.0 U	599.0 U	599.0 U
WP-MB-03-100	J-4751	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	571.0 U	5710.0 U	2855.0 U	1142.0 U	1142.0 U	571.0 U	5710.0 U	571.0 U	571.0 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-IB-01-0	J-4776	17.000 U	170.00 U	170.0 U	170.0 U	170.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U
WP-IB-01-4	J-4777	5.000 U	47.00 U	47.0 U	47.0 U	47.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U	1172.0 U
WP-IB-01-9	J-4778	6.000 U	55.00 U	55.0 U	55.0 U	55.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U
WP-IB-01-14	J-4779	6.000 U	55.00 U	55.0 U	55.0 U	55.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U	1088.0 U
WP-IB-01-19	J-4780	NT	NT	NT	NT	NT	1702.0 U	1702.0 U	1702.0 U	1702.0 U	1702.0 U	1702.0 U	1702.0 U	1702.0 U	1702.0 U
WP-IB-01-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-IB-01-29	J-4781	6.000 U	62.00 U	62.0 U	62.0 U	62.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U	1208.0 U
WP-IB-01-34	J-4782	6.000 U	58.00 U	58.0 U	58.0 U	58.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U	1154.0 U
WP-IB-01-39A	J-4783	5.000 U	53.00 U	53.0 U	53.0 U	53.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U	1038.0 U
WP-IB-01-39B	J-4784	5.000 U	53.00 U	53.0 U	53.0 U	53.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U	1064.0 U
WP-IB-01-59	J-4785	7.000 U	70.00 U	70.0 U	70.0 U	70.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U	1468.0 U
WP-IB-02-0	J-4786	10.000 U	95.00 U	95.0 U	95.0 U	95.0 U	871.0 U	871.0 U	871.0 U	871.0 U	871.0 U	871.0 U	871.0 U	871.0 U	871.0 U
WP-IB-02-4	J-4787	14.000 U	140.00 U	140.0 U	140.0 U	140.0 U	950.0 U	950.0 U	950.0 U	950.0 U	950.0 U	950.0 U	950.0 U	950.0 U	950.0 U
WP-IB-02-9	J-4788	6.000 U	55.00 U	55.0 U	55.0 U	55.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U	1101.0 U
WP-IB-02-14	J-4789	5.000 U	54.00 U	54.0 U	54.0 U	54.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U	1077.0 U
WP-IB-02-19	J-4790	9.000 U	86.00 U	86.0 U	86.0 U	86.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U	1220.0 U
WP-IB-02-24	J-3202	NT	NT	NT	NT	NT	1212.0 U	1212.0 U	1212.0 U	1212.0 U	1212.0 U	1212.0 U	1212.0 U	1212.0 U	1212.0 U
WP-IB-02-29	J-4791	6.000 U	55.00 U	55.0 U	55.0 U	55.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U	1043.0 U
WP-IB-02-34	J-3203	6.000 U	55.00 U	55.0 U	55.0 U	55.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U	1087.0 U
WP-IB-02-39	J-4792	6.000 U	56.00 U	56.0 U	56.0 U	56.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U	1124.0 U
WP-IB-02-44	J-3204	5.000 U	47.00 U	47.0 U	47.0 U	47.0 U	919.0 U	919.0 U	919.0 U	919.0 U	919.0 U	919.0 U	919.0 U	919.0 U	919.0 U
WP-IB-02-49	J-4793	5.000 U	53.00 U	53.0 U	53.0 U	53.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U	1049.0 U
WP-IB-02-54A	J-4794	5.000 U	48.00 U	48.0 U	48.0 U	48.0 U	963.0 U	963.0 U	963.0 U	963.0 U	963.0 U	963.0 U	963.0 U	963.0 U	963.0 U
WP-IB-02-54B	J-4795	5.000 U	47.00 U	47.0 U	47.0 U	47.0 U	938.0 U	938.0 U	938.0 U	938.0 U	938.0 U	938.0 U	938.0 U	938.0 U	938.0 U
WP-IB-02-59	J-3205	5.000 U	49.00 U	49.0 U	49.0 U	49.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U
WP-IB-03-0	J-4550	18.300 U	183.50 U	366.7 U	366.7 U	733.0 U	367.0 U	18350.0 U	18350.0 U	7340.0 U	367.0 U	367.0 U	3670.0 U	183.0 U	183.0 U
WP-IB-03-4	J-4551	17.700 U	177.00 U	354.9 U	354.9 U	709.8 U	3330.0 U	16650.0 U	16650.0 U	6660.0 U	3330.0 U	3330.0 U	33300.0 U	166.5 U	166.5 U
WP-IB-03-14	J-4552	15.000 U	150.00 U	300.0 U	300.0 U	600.0 U	3160.0 U	15800.0 U	15800.0 U	6320.0 U	3160.0 U	3160.0 U	31600.0 U	1580.0 U	1580.0 U
WP-IB-03-24	J-4553	13.700 U	137.50 U	275.0 U	275.0 U	550.0 U	2680.0 U	13400.0 U	13400.0 U	5360.0 U	2680.0 U	2680.0 U	26800.0 U	1340.0 U	1340.0 U
WP-IB-03-34A	J-4554	15.400 U	154.00 U	309.5 U	309.5 U	619.0 U	3250.0 U	16250.0 U	16250.0 U	6500.0 U	3250.0 U	3250.0 U	32500.0 U	1625.0 U	1625.0 U
WP-IB-03-34B	J-4555	19.000 U	191.20 U	382.4 U	382.4 U	764.8 U	3420.0 U	17100.0 U	17100.0 U	6840.0 U	3420.0 U	3420.0 U	34200.0 U	1710.0 U	1710.0 U
WP-IB-03-39	J-4556	16.600 U	166.60 U	333.3 U	333.3 U	666.6 U	3250.0 U	16250.0 U	16250.0 U	6500.0 U	3250.0 U	3250.0 U	32500.0 U	1625.0 U	1625.0 U
WP-IB-03-44	J-4557	18.500 U	185.70 U	371.4 U	371.4 U	742.8 U	4200.0 U	21000.0 U	21000.0 U	8400.0 U	4200.0 U	4200.0 U	42000.0 U	2100.0 U	2100.0 U
WP-IB-03-49	J-4558	15.800 U	157.90 U	315.8 U	315.8 U	631.6 U	3000.0 U	15000.0 U	15000.0 U	6000.0 U	3000.0 U	3000.0 U	30000.0 U	1500.0 U	1500.0 U
WP-IB-03-54	J-4559	13.750 U	137.50 U	275.0 U	275.0 U	550.0 U	3140.0 U	15700.0 U	15700.0 U	6280.0 U	3140.0 U	3140.0 U	31400.0 U	1570.0 U	1570.0 U
WP-IB-03-59	J-4560	15.000 U	150.00 U	300.0 U	300.0 U	600.0 U	2930.0 U	14650.0 U	14650.0 U	5860.0 U	2930.0 U	2930.0 U	29300.0 U	1465.0 U	1465.0 U
WP-SB-01-0	J-3279	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	452.0 U	4520.0 U	2260.0 U	904.0 U	904.0 U	452.0 U	4520.0 U	452.0 U	452.0 U
WP-SB-01-4	J-3280	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	442.0 U	4420.0 U	2210.0 U	884.0 U	884.0 U	442.0 U	4420.0 U	442.0 U	442.0 U
WP-SB-01-9	J-3281	6.400 U	6.400 U	6.400 U	6.400 U	6.400 U	630.0 U	6300.0 U	3150.0 U	1260.0 U	1260.0 U	630.0 U	6300.0 U	630.0 U	630.0 U
WP-SB-01-14	J-3282	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	1060.0 U	10600.0 U	5300.0 U	2120.0 U	2120.0 U	1060.0 U	10600.0 U	1060.0 U	1060.0 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-SB-01-19	J-3283	52.000 U	52.000 U	52.000 U	52.000 U	52.000 U	530.0 U	5300.0 U	2650.0 U	1060.0 U	1060.0 U	530.0 U	5300.0 U	530.0 U	5330.0 U
WP-SB-01-24A	J-3284	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	504.0 U	5040.0 U	2520.0 U	1008.0 U	1008.0 U	504.0 U	5040.0 U	504.0 U	504.0 U
WP-SB-01-24B	J-3285	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	508.0 U	5080.0 U	2540.0 U	1016.0 U	1016.0 U	508.0 U	5080.0 U	508.0 U	508.0 U
WP-SB-01-29	J-3286	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	574.0 U	5740.0 U	2570.0 U	1148.0 U	1148.0 U	574.0 U	5740.0 U	574.0 U	574.0 U
WP-SB-02-0	J-3274	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	460.0 U	4600.0 U	2300.0 U	920.0 U	920.0 U	460.0 U	4600.0 U	460.0 U	460.0 U
WP-SB-02-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-9	J-3275	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	570.0 U	5700.0 U	2835.0 U	1100.0 U	1100.0 U	570.0 U	5700.0 U	570.0 U	570.0 U
WP-SB-02-14	J-3276	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	559.0 U	5590.0 U	2795.0 U	1118.0 U	1118.0 U	559.0 U	5590.0 U	559.0 U	559.0 U
WP-SB-02-19	J-3277	6.800 U	6.800 U	6.800 U	6.800 U	6.800 U	1330.0 U	13300.0 U	6650.0 U	2660.0 U	2660.0 U	1330.0 U	13300.0 U	1330.0 U	1330.0 U
WP-SB-02-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-29	J-3278	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	398.0 U	3980.0 U	1990.0 U	796.0 U	796.0 U	398.0 U	3980.0 U	398.0 U	398.0 U
WP-SB-03-0	J-3269	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	490.0 U	4900.0 U	2500.0 U	980.0 U	980.0 U	490.0 U	4900.0 U	490.0 U	490.0 U
WP-SB-03-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-9	J-3270	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	610.0 U	6100.0 U	3000.0 U	1200.0 U	1200.0 U	610.0 U	6100.0 U	610.0 U	610.0 U
WP-SB-03-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-19	J-3271	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	590.000 U	5920.000 U	3000.000 U	1200.000 U	1200.000 U	590.000 U	5900.000 U	590.000 U	590.000 U
WP-SB-03-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-29A	J-3272	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	580.000 U	5800.000 U	2900.000 U	1200.000 U	1200.000 U	580.000 U	5800.000 U	580.000 U	580.000 U
WP-SB-03-29B	J-3273	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	740.000 U	7400.000 U	3700.000 U	1500.000 U	1500.000 U	740.000 U	7400.000 U	740.000 U	740.000 U
WP-SB-03-34															
WP-SB-04-0	J-3491	200.000 U	200.00 U	200.0 U	4300.0	9600.0	2500.0	4010.0 U	2005.0 U	1002.0 U	1002.0 U	401.0 U	4010.0 U	401.0 M	401.0 U
WP-SB-04-4	J-3492	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	545.0 U	5450.0 U	2725.0 U	1090.0 U	1090.0 U	545.0 U	5450.0 U	545.0 U	545.0 U
WP-SB-04-9	J-3493	6.000 U	6.00 U	6.0 U	6.0 U	6.0 U	600.0 U	6000.0 U	300.0 U	120.0 U	120.0 U	600.0 U	600.0 U	600.0 U	600.0 U
WP-SB-04-14	J-3494	6.000 U	6.00 U	6.0 U	6.0 U	6.0 U	631.0 U	6310.0 U	3155.0 U	1262.0 U	1262.0 U	631.0 U	6310.0 U	631.0 U	631.0 U
WP-SB-04-19	J-3495	48.000 U	48.00 U	48.0 U	48.0 U	48.0 U	499.0 U	4990.0 U	2495.0 U	998.0 U	998.0 U	499.0 U	4990.0 U	499.0 U	499.0 U
WP-SB-04-24	J-3496	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	506.0 U	5060.0 U	2530.0 U	1012.0 U	1012.0 U	506.0 U	5060.0 U	506.0 U	506.0 U
WP-SB-04-29	J-3497	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	605.0 U	6050.0 U	3025.0 U	1210.0 U	1210.0 U	605.0 U	6050.0 U	605.0 U	605.0 U
WP-SB-04-34	J-3498	6.000 U	6.00 U	6.0 U	121.5	6.0 U	500.0 U	5000.0 U	2900.0 U	1160.0 U	1160.0 U	500.0 U	5000.0 U	500.0 U	500.0 U
WP-SB-05-0	J-4755	5.000 U	48.00 U	48.0 U	48.0 U	48.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U	3610.0 U
WP-SB-05-4	J-4756	5.000 U	50.00 U	50.0 U	50.0 U	50.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U	1380.0 U
WP-SB-05-14	J-4758	6.000 U	56.00 U	56.0 U	56.0 U	56.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U	1485.0 U
WP-SB-05-19A	J-4759	7.000 U	71.00 U	71.0 U	71.0 U	71.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U	3382.0 U
WP-SB-05-19B	J-4760	7.000 U	70.00 U	70.0 U	70.0 U	70.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U	1844.0 U
WP-SB-05-24	J-4761	5.000 U	50.00 U	50.0 U	50.0 U	50.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U	1243.0 U
WP-SB-05-34	J-4762	6.000 U	61.00 U	61.0 U	61.0 U	61.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U	1496.0 U
WP-SB-05-39	J-4763	5.000 U	53.00 U	53.0 U	53.0 U	53.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U	2008.0 U
WP-SB-06-0	J-4764	5.000 U	54.00 U	54.0 U	54.0 U	54.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U	2055.0 U
WP-SB-06-4	J-4765	6.000 U	56.00 U	56.0 U	56.0 U	56.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U	1308.0 U
WP-SB-06-14	J-4766	6.000 U	58.00 U	58.0 U	58.0 U	58.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U	2100.0 U
WP-SB-06-19	J-3300	5.200 U	52.00 U	52.0 U	52.0 U	52.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U	1051.0 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-SB-06-24	J-4767	5.000 U	54.00 U	54.0 U	54.0 U	54.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U	1070.0 U
WP-SB-06-29	J-4768	6.000 U	62.00 U	62.0 U	62.0 U	62.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U	1475.0 U
WP-SB-06-34	J-4769	6.000 U	60.00 U	60.0 U	60.0 U	60.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U	1211.0 U
WP-SB-07-0	J-3243	4.000 U	4.00 U	4.0 U	4.0 U	4.0 U	459.0 U	4590.0 U	2295.0 U	918.0 U	918.0 U	459.0 U	4590.0 U	459.0 U	459.0 U
WP-SB-07-9	J-3244	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	1150.0 U	11500.0 U	5750.0 U	2300.0 U	2300.0 U	1150.0 U	11500.0 U	1150.0 U	1150.0 U
WP-SB-07-19	J-3245	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	1880.0 U	1880.0 U	9400.0 U	3760.0 U	3760.0 U	1880.0 U	18800.0 U	1880.0 U	1880.0 U
WP-SB-07-24A	J-3246	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	1160.0 U	11600.0 U	5800.0 U	2320.0 U	2320.0 U	1160.0 U	11600.0 U	1160.0 U	1160.0 U
WP-SB-07-24B	J-3247	6.000 U	6.00 U	6.0 U	6.0 U	6.0 U	584.0 U	5840.0 U	2920.0 U	1168.0 U	1168.0 U	584.0 U	5840.0 U	584.0 U	584.0 U
WP-SB-07-34	J-3248	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	515.0 U	5150.0 U	2575.0 U	1030.0 U	1030.0 U	515.0 U	5150.0 U	515.0 U	515.0 U
WP-SB-08-0	J-3206	4.400 U	4.40 U	4.4 U	270.0	4.4 U	447.0 U	4470.0 U	2235.0 U	894.0 U	894.0 U	447.0 U	4470.0 U	447.0 U	447.0 U
WP-SB-08-9	J-3207	5.600 U	5.60 U	5.6 U	5.6 U	5.6 U	6660.0	5400.0 U	2700.0 U	1080.0 U	1080.0 U	18700.0	5400.0 U	20000.0	7400.0
WP-SB-08-14	J-3208	5.300 U	5.30 U	5.3 U	5.3 U	5.3 U	525.0 U	5250.0 U	2650.0 U	1050.0 U	1050.0 U	525.0 U	5250.0 U	525.0 U	525.0 U
WP-SB-08-19	J-3209	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	524.0 U	5240.0 U	2620.0 U	1048.0 U	1048.0 U	524.0 U	5240.0 U	524.0 U	524.0 U
WP-SB-08-24	J-3210	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	521.0 U	5210.0 U	2605.0 U	1042.0 U	1042.0 U	521.0 U	5210.0 U	521.0 U	521.0 U
WP-SB-08-29	J-3211	5.200 U	5.20 U	5.2 U	5.2 U	5.2 U	498.0 U	4980.0 U	2490.0 U	996.0 U	996.0 U	498.0 U	4980.0 U	498.0 U	498.0 U
WP-SB-09-0	J-4770	5.000 U	45.000 U	45.000 U	45.000 U	45.000 U	895.0 U	895.0 U	895.0 U	895.0 U	895.0 U	895.0 U	895.0 U	895.0 U	895.0 U
WP-SB-09-4	J-4775	5.000 U	49.000 U	49.000 U	49.000 U	49.000 U	960.0 U	960.0 U	960.0 U	960.0 U	960.0 U	960.0 U	960.0 U	960.0 U	960.0 U
WP-SB-09-14	J-4771	6.000 U	56.000 U	56.000 U	56.000 U	56.000 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U	3355.0 U
WP-SB-09-19	J-4797	6.500 U	65.000 U	65.000 U	65.000 U	65.000 U	1300.0 U	1300.0 U	1300.0 U	1300.0 U	1300.0 U	1300.0 U	4120.0	1300.0 U	1300.0 U
WP-SB-09-24	J-4772	5.000 U	55.000 U	55.000 U	55.000 U	55.000 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U	1687.0 U
WP-SB-09-29	J-4773	5.000 U	49.000 U	49.000 U	49.000 U	49.000 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U	1086.0 U
WP-SB-09-34	J-4774	7.000 U	67.000 U	67.000 U	67.000 U	67.000 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U	1348.0 U
WP-SB-10-0	J-3249	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	431.0 U	4310.0 U	2155.0 U	8620.0 U	8620.0 U	431.0 U	4310.0 U	431.0 U	431.0 U
WP-SB-10-9	J-3250	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	548.0 U	5480.0 U	2740.0	109.6 M	1096.0 U	548.0 U	5480.0 U	548.0 U	548.0 U
WP-SB-10-19	J-3251	6.000 U	6.000 U	6.000 U	6.000 U	6.000 U	612.0 U	6120.0 U	3060.0 U	1224.0 U	1224.0 U	612.0 U	6120.0 U	612.0 U	612.0 U
WP-SB-10-24	J-3252	4.400 U	4.400 U	4.400 U	4.400 U	4.400 U	450.0 U	4500.0 U	2250.0 U	900.0 U	900.0 U	450.0 U	4500.0 U	450.0 U	450.0 U
WP-SB-10-29	J-3253	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	1470.0 U	14700.0 U	7350.0 U	2940.0 U	2940.0 U	1470.0 U	14700.0 U	1470.0 U	1740.0 U
WP-SB-11-0	J-3212	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	401.0 U	4010.0 U	2005.0 U	802.0 U	802.0 U	401.0 U	4010.0 U	401.0 U	401.0 U
WP-SB-11-9	J-3213	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	399.0 U	3990.0 U	1995.0 U	798.0 U	798.0 U	399.0 U	3990.0 U	399.0 U	399.0 U
WP-SB-11-14	J-3214	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	480.0 U	4800.0 U	2400.0 U	960.0 U	960.0 U	480.0 U	4800.0 U	480.0 U	480.0 U
WP-SB-11-19A	J-3215	7.200 U	7.200 U	7.200 U	7.200 U	7.200 U	7020.0 U	70200.0 U	35100.0 U	14040.0 U	14040.0 U	7020.0 U	70200.0 U	7020.0 U	7020.0 U
WP-SB-11-19B	J-3216	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	679.0 U	6790.0	3395.0 U	1358.0 U	1358.0 U	679.0 U	6790.0 U	679.0 U	679.0 U
WP-SB-11-24	J-3217	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	517.0 U	5170.0 U	2585.0 U	1034.0 U	1034.0 U	517.0 U	5170.0 U	517.0 U	517.0 U
WP-SB-11-29	J-3218	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	527.0 U	5270.0 U	2635.0 U	1054.0 U	1054.0 U	527.0 U	5270.0 U	527.0 U	527.0 U
WP-SB-12-0	J-3219	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	419.0 U	4190.0	2095.0 U	838.0 U	838.0 U	419.0 U	4190.0 U	419.0 U	419.0 U
WP-SB-12-9	J-3220	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	500.0 U	5000.0 U	2500.0 U	1000.0 U	1000.0 U	500.0 U	5000.0 U	500.0 U	500.0 U
WP-SB-12-14	J-3221	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	400.0 U	4000.0 U	2000.0 U	800.0 U	800.0 U	400.0 U	4000.0 U	400.0 U	400.0 U
WP-SB-12-19	J-3222	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	524.0 U	5240.0 U	2620.0 U	1048.0 U	1048.0 U	524.0 U	5240.0 U	524.0 U	524.0 U
WP-SB-12-29A	J-3223	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4990.0 U	4990.0 U	2495.0 U	998.0 U	998.0 U	499.0 U	4990.0 U	499.0 U	499.0 U

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WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260		2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-SB-12-29B	J-3224	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U		533.0 U	5330.0 U	2665.0 U	1066.0 U	1066.0 U	533.0 U	5330.0 M	533.0 U	533.0 U
WP-SB-13-0	J-3264	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U		460.000 U	4600.000 U	2300.000 U	920.000 U	920.000 U	460.000 U	4600.000 U	460.000 U	460.000 U
WP-SB-13-4	J-3265	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U		539.000 U	5390.000 U	2695.000 U	1078.000 U	1078.000 U	539.000 U	5390.000 U	539.000 U	539.000 U
WP-SB-13-9	J-3266	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U		500.000 U	5000.000 U	2500.000 U	1000.000 U	1000.000 U	500.000 U	5000.000 U	500.000 U	500.000 U
WP-SB-13-14		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-19	J-3267	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U		548.000 U	5480.000 U	2740.000 U	1096.000 U	1096.000 U	548.000 U	5480.000 U	548.000 U	548.000 U
WP-SB-13-24		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-29	J-3268	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U		490.000 U	4920.000 U	2500.000 U	980.000 U	980.000 U	490.000 U	4900.000 U	490.000 U	490.000 U
WP-SB-13-34		ND	ND	ND	ND	ND		ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-14-0	J-3238	34.000 U	480.000 U	940.000 U	940.000 U	1880.000 U		12000.0 U	58000.0 U	58000.0 U	58000.0 U	58000.0 U	38000.0 U	18000.0 U	8800.0 U	5800.0 U
WP-SB-14-4	J-3239	1.700 U	24.000 U	47.000 U	47.000 U	94.000 U		190.0 U	940.0 U	940.0 U	940.0 U	940.0 U	610.0 U	280.0 U	140.0 U	94.0 U
WP-SB-14-9		NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-14-14	J-3240	2.600 U	36.000 U	73.000 U	73.000 U	145.000 U		290.0 U	1500.0 U	1500.0 U	1500.0 U	1500.0 U	950.0 U	440.0 U	220.0 U	150.0 U
WP-SB-14-19	J-3241	1.900 U	27.000 U	53.000 U	53.000 U	107.000 U		210.0 U	1100.0 U	1100.0 U	1100.0 U	1100.0 U	690.0 U	320.0 U	160.0 U	110.0 U
WP-SB-14-24	J-4798	5.000 U	50.000 U	50.000 U	50.000 U	50.000 U		981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U	981.0 U
WP-SB-14-29	J-3242	1.900 U	27.000 U	53.000 U	53.000 U	107.000 U		210.0 U	1100.0 U	1100.0 U	1100.0 U	1100.0 U	690.0 U	320.0 U	160.0 U	110.0 U
WP-SB-14-34	J-4799	4.900 U	49.000 U	49.000 U	49.000 U	49.000 U		993.0 U	993.0 U	993.0 U	993.0 U	993.0 U	993.0 U	993.0 U	993.0 U	993.0 U
WP-SB-14-39		NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-0	J-3226	1.500 U	21.000 U	42.000 U	42.000 U	84.000 U		170.0 U	840.0 U	840.0 U	840.0 U	840.0 U	550.0 J	250.0 U	130.0 U	84.0 U
WP-SB-15-4	J-3227	1.700 U	24.000 U	47.000 U	47.000 U	94.000 U		190.0 U	940.0 U	940.0 U	940.0 U	940.0 U	610.0 U	290.0 J	140.0 U	94.0 U
WP-SB-15-14	J-3228	1.900 U	27.000 U	53.000 U	53.000 U	107.000 U		210.0 U	1100.0 U	1100.0 U	1100.0 U	1100.0 U	690.0 U	320.0 U	160.0 U	110.0 U
WP-SB-15-19	J-3229	1.900 U	27.000 U	53.000 U	53.000 U	107.000 U		210.0 U	1100.0 U	1100.0 U	1100.0 U	1100.0 U	690.0 U	320.0 U	160.0 U	110.0 U
WP-SB-15-24		NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-29A	J-3230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-15-29B	J-3231	2.200 U	31.000 U	62.000 U	62.000 U	123.000 U		250.0 U	1200.0 U	1200.0 U	1200.0 U	1200.0 U	800.0 U	370.0 U	180.0 U	120.0 U
WP-SB-16-0	J-3232	1.700 U	24.000 U	47.000 U	47.000 U	94.000 U		190.0 U	940.0 U	940.0 U	940.0 U	940.0 U	610.0 J	280.0 U	140.0 U	94.0 U
WP-SB-16-4	J-3233	1.500 U	21.000 U	42.000 U	42.000 U	84.000 U		170.0 U	840.0 U	840.0 U	840.0 U	840.0 U	550.0 U	250.0 U	130.0 U	84.0 U
WP-SB-16-14	J-3234	NT	NT	NT	NT	NT		250.0 U	1200.0 U	1200.0 U	1200.0 U	1200.0 U	800.0 U	370.0 U	180.0 U	120.0 U
WP-SB-16-19	J-3235	2.200 U	31.000 U	62.000 U	62.000 U	123.000 U		250.0 U	1200.0 U	1200.0 U	1200.0 U	1200.0 U	800.0 U	370.0 U	180.0 U	120.0 U
WP-SB-16-29A	J-3236	1.700 U	24.000 U	47.000 U	47.000 U	94.000 U		190.0 U	940.0 U	940.0 U	940.0 U	940.0 U	610.0 U	280.0 U	140.0 U	94.0 U
WP-SB-16-29B	J-3237	1.900 U	27.000 U	53.000 U	53.000 U	107.000 U		210.0 U	1100.0 U	1100.0 U	1100.0 U	1100.0 U	690.0 U	320.0 U	160.0 U	110.0 U
WP-SB-17-0	J-3259	4.400 U	4.400 U	4.400 U	4.400 U	28.600		430.0 U	4300.0 U	1150.0 U	860.0 U	860.0 U	430.0 U	4300.0 U	430.0 U	430.0 U
WP-SB-17-9	J-3260	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U		532.0 U	5320.0 U	2660.0 U	1064.0 U	1064.0 U	532.0 U	5320.0 U	532.0 U	532.0 U
WP-SB-17-19	J-3261	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U		555.0 U	5550.0 U	2775.0 U	1110.0 U	1110.0 U	555.0 U	5550.0 U	555.0 U	555.0 U
WP-SB-17-29	J-3262	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U		524.0 U	5240.0 U	2620.0 U	1048.0 U	1048.0 U	524.0 U	5240.0 U	524.0 U	524.0 U
WP-SB-18-0	J-3254	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U		487.0 U	4870.0 U	2435.0 U	974.0 U	974.0 U	487.0 U	7200.0 M	487.0 U	487.0 U
WP-SB-18-9	J-3255	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U		500.0 U	5000.0 U	2500.0 U	1000.0 U	1000.0 U	500.0 U	5000.0 U	500.0 U	500.0 U
WP-SB-18-19	J-3256	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U		540.0 U	5400.0 U	2700.0 U	1080.0 U	1080.0 U	540.0 U	5400.0 U	540.0 U	540.0 U
WP-SB-18-24A	J-3257	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U		512.0 U	5120.0 U	2560.0 U	1024.0 U	1024.0 U	512.0 U	5120.0 U	512.0 U	512.0 U

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5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
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ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-GB-18-24B	J-3258	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	508.0 U	5080.0 U	2540.0 U	1016.0 U	1016.0 U	508.0 U	5080.0 U	508.0 U	508.0 U
WP-GB-19-0	J-3291	5.000 U	50.000 U	50.000 U	50.000 U	50.000 U	987.0 U	987.0 U	987.0 U	987.0 U	987.0 U	987.0 U	987.0 U	987.0 U	987.0 U
WP-GB-19-9	J-3292	5.700 U	59.000 U	59.000 U	59.000 U	59.000 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U	1196.0 U
WP-GB-19-14	J-3293	5.500 U	55.000 U	55.000 U	55.000 U	55.000 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U	1089.0 U
WP-GB-19-19	J-3294	8.000 U	80.000 U	80.000 U	80.000 U	80.000 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U	1614.0 U
WP-GB-19-24	J-3295	44.000	51.000 U	51.000 U	51.000 U	51.000 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U
WP-GB-19-29	J-3296	5.900 U	59.000 U	59.000 U	59.000 U	59.000 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U	1199.0 U
WP-GB-19-34	J-3297	6.300 U	63.000 U	63.000 U	63.000 U	63.000 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U	1253.0 U
WP-GB-19-39	J-3298	5.200 U	52.000 U	52.000 U	52.000 U	52.000 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U	1024.0 U
WP-GB-19-46	J-3299	4.800 U	48.000 U	48.000 U	48.000 U	48.000 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U	958.0 U
WP-GB-20-0	J-3287	5.200 U	52.000 U	52.000 U	52.000 U	52.000 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U	1047.0 U
WP-GB-20-9	J-3288	5.200 U	52.000 U	52.000 U	52.000 U	52.000 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U	1053.0 U
WP-GB-20-19	J-3289	5.700 U	57.000 U	57.000 U	57.000 U	57.000 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U	1148.0 U
WP-GB-20-29	J-3290	5.100 U	51.000 U	51.000 U	51.000 U	51.000 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U	1029.0 U
GROUNDWATER SAMPLES															
WP-GW-01	J-4565	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	10.0 U	50.0 U	50.0 U	20.0 U	10.0 U	10.0 U	90.0 U	10.0 U	10.0 U
WP-GW-02	J-4566	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	10.0 U	50.0 U	50.0 U	20.0 U	10.0 U	10.0 U	90.0 U	10.0 U	10.0 U
WP-GW-03	J-4567	0.100 U	0.100 U	0.100 U	0.100 U	0.100 U	10.0 M	50.0 U	50.0 U	20.0 U	10.0 U	10.0 U	90.0 U	10.0 U	10.0 U
WP-MW-34A	J-4578	0.003 U	0.032 U	0.065 U	0.065 U	0.129 U	11.000 U	55.000 U	55.000 U	22.000 U	11.000 U	11.000 U	110.000 U	6.000 U	6.000 U
WP-MW-34B	J-4577	0.008 U	0.076 U	0.152 U	0.152 U	0.304 U	22.000 U	110.000 U	110.000 U	44.000 U	22.000 U	22.000 U	220.000 U	11.000 U	11.000 U
WP-MW-35	J-4576	0.004 U	0.037 U	0.075 U	0.075 U	0.149 U	9.000 U	45.000 U	45.000 U	18.000 U	9.000 U	9.000 U	90.000 U	5.000 U	5.000 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-MB-01-0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-MB-01-5	J-4661	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 M	400.0 M	400.0 U	400.0 U	4444.0	400.0 U	400.0 U	400.0 M
WP-MB-01-10	J-4662	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	544.0 M	400.0 U	400.0 U	400.0 M
WP-MB-01-15	J-4663	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 M	21400.0	400.0 U	400.0 U	400.0 M
WP-MB-01-20	J-4664	5064.0 U	506.4 U	2025.0 U	506.4 U	253.0 U	1013.0 U	506.4 U	506.4 U	506.4 U	506.4 U	524.0 M	506.4 U	506.4 U	506.4 M
WP-MB-01-25	J-4665	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-01-30	J-4666	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	30000.0	400.0 U	400.0 U	400.0 U
WP-MB-01-35	J-4667	2500.0 U	250.0 U	1000.0 U	250.0 U	125.0 U	500.0 U	250.0 U	250.0 U	250.0 U	250.0 U	533.0 M	250.0 U	250.0 U	250.0 U
WP-MB-01-40	J-4668	5000.0 U	500.0 U	2000.0 U	500.0 U	250.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	500.0 U	540.0 M	500.0 U	500.0 U	500.0 M
WP-MB-01-50	J-4669	2500.0 U	250.0 U	1000.0 U	250.0 U	125.0 U	500.0 U	250.0 U	250.0 U	250.0 U	250.0 U	429.0 M	250.0 U	250.0 U	250.0 U
WP-MB-01-60	J-4670	1700.0 U	170.0 U	680.0 U	170.0 U	85.0 U	340.0 U	170.0 M	170.0 U	170.0 U	170.0 U	287.0 M	170.0 U	170.0 U	50.0 M
WP-MB-01-70A	J-4671	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 M	400.0 U	400.0 U	400.0 U
WP-MB-01-70B	J-4672	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	675.0 M	400.0 U	400.0 U	400.0 U
WP-MB-01-80	J-4673	4000.0 U	400.0 U	1600.0 U	400.0 U	200.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	510.0 M	400.0 U	400.0 U	400.0 U
WP-MB-01-90	J-4674	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-100	J-4675	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-02-0	J-4676	420.0 U	45.0 M	420.0 U	420.0 U	420.0 U	420.0 U	420.0 U	180.0 M	420.0 U	420.0 U	1200.0	420.0 U	420.0 U	420.0 U
WP-MB-02-5	J-4677	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	95.0 M	400.0 U	400.0 U	190.0 M	400.0 U	400.0 U	400.0 U
WP-MB-02-10	J-4678	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	49.0 M	390.0 U	390.0 U	49.0 M
WP-MB-02-15	J-4679	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	47.0 M	390.0 U	390.0 U	390.0 U
WP-MB-02-20	J-4680	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	45.0 M	390.0 U	390.0 U	390.0 U
WP-MB-02-25	J-4681	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	46.0 M	400.0 U	400.0 U	400.0 U
WP-MB-02-30	J-4682	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40A	J-4683	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40B	J-4686	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U
WP-MB-02-50	J-4684	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	46.0 M	400.0 U	400.0 U	400.0 U
WP-MB-02-60	J-4685	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	44.0 M	400.0 U	400.0 U	400.0 U
WP-MB-03-0	J-4687	4860.0 U	486.0 U	1944.0 U	486.0 U	972.0 U	972.0 U	486.0 M	486.0 M	486.0 U	486.0 U	3500.0	490.0 M	486.0 M	486.0 M
WP-MB-03-5	J-4688	7000.0 U	700.0 U	2800.0 U	700.0 U	1400.0 U	1400.0 U	700.0 U	700.0 U	700.0 U	700.0 U	2000.0 M	700.0 U	700.0 U	700.0 U
WP-MB-03-10	J-4689	10700.0 U	1070.0 U	428.0 U	1900.0 M	2140.0 U	2140.0 U	2200.0 M	2000.0 M	1500.0 M	1070.0	1070.0 U	1070.0 U	1070.0 U	1070.0 U
WP-MB-03-15	J-4690	1110.0 M	1110.0 U	4440.0 U	1110.0 U	2220.0 U	2220.0 M	1110.0 U	1200.0 M	1400.0 M	1110.0 U	2000.0 M	2220.0 U	1200.0 M	2220.0 U
WP-MB-03-20	J-4691	6900.0 U	690.0 U	3600.0 M	690.0 U	1380.0 U	1380.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U
WP-MB-03-25A	J-4692	7000.0 U	700.0 U	2800.0 U	700.0 U	1400.0 U	1400.0 U	700.0 U	700.0 U	700.0 U	700.0 U	700.0 U	700.0 U	700.0 U	700.0 U
WP-MB-03-25B	J-4693	4900.0 U	490.0 U	1992.0 U	490.0 U	996.0 U	996.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 M	490.0 U	490.0 U	490.0 U
WP-MB-03-34	J-4694	6130.0 U	613.0 U	2452.0 U	613.0 U	1226.0 U	1226.0 U	613.0 U	613.0 U	613.0 U	613.0 U	613.0 U	613.0 U	613.0 U	613.0 U
WP-MB-03-40	J-4695	6430.0 U	643.0 U	2572.0 U	643.0 U	1286.0 U	1286.0 U	643.0 U	643.0 U	643.0 U	643.0 U	643.0 U	643.0 U	643.0 U	643.0 U
WP-MB-03-50	J-4696	7740.0 U	774.0 U	3096.0 U	774.0 U	1548.0 U	1548.0 U	774.0 U	774.0 U	774.0 U	774.0 U	774.0 U	774.0 U	774.0 U	774.0 U
WP-MB-03-60	J-4697	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-70	J-4698	4730.0 U	473.0 U	1892.0 U	473.0 U	946.0 U	946.0 U	473.0 U	473.0 U	473.0 U	473.0 U	473.0 U	473.0 U	473.0 U	473.0 U
WP-MB-03-80	J-4699	4000.0 U	400.0 U	1600.0 U	400.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-03-90	J-4700	5990.0 U	599.0 U	2396.0 U	599.0 U	1198.0 U	1198.0 U	599.0 U	599.0 U	599.0 U	599.0 U	599.0 U	599.0 U	599.0 U	599.0 U
WP-MB-03-100	J-4751	5710.0 U	571.0 U	2284.0 U	571.0 U	1142.0 U	1142.0 U	571.0 U	571.0 U	571.0 U	571.0 U	571.0 U U	571.0 U	571.0 U	571.0 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84 .
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-IB-01-0	J-4776	981.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U
WP-IB-01-4	J-4777	1172.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U
WP-IB-01-9	J-4778	1087.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-IB-01-14	J-4779	1088.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-IB-01-19	J-4780	1702.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U
WP-IB-01-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-IB-01-29	J-4781	1208.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U
WP-IB-01-34	J-4782	1154.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U
WP-IB-01-39A	J-4783	1038.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U
WP-IB-01-39B	J-4784	1064.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U
WP-IB-01-59	J-4785	1468.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U
WP-IB-02-0	J-4786	871.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U
WP-IB-02-4	J-4787	950.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U
WP-IB-02-9	J-4788	1101.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U
WP-IB-02-14	J-4789	1077.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U
WP-IB-02-19	J-4790	1220.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U
WP-IB-02-24	J-3202	1212.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U
WP-IB-02-29	J-4791	1043.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U
WP-IB-02-34	J-3203	1087.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U
WP-IB-02-39	J-4792	1124.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U
WP-IB-02-44	J-3204	919.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U
WP-IB-02-49	J-4793	1049.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U
WP-IB-02-54A	J-4794	963.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U
WP-IB-02-54B	J-4795	938.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	463.0 U
WP-IB-02-59	J-3205	958.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U
WP-IB-03-0	J-4550	36700.0 U	3670.0 U	14680.0 U	3670.0 U	7340.0 U	7340.0 U	3670.0 U	3670.0 U	3670.0 U	3670.0 U	3670.0 U	3670.0 U	3670.0 U	3670.0 U
WP-IB-03-4	J-4551	33300.0 U	3330.0 U	13320.0 U	3330.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U
WP-IB-03-14	J-4552	31600.0 U	3160.0 U	12640.0 U	3160.0 U	6320.0 U	6320.0 U	3160.0 U	3160.0 U	3160.0 U	3160.0 U	3160.0 U	3160.0 U	3160.0 U	3160.0 U
WP-IB-03-24	J-4553	26800.0 U	2680.0 U	10720.0 U	2680.0 U	5360.0 U	5360.0 U	2680.0 U	2680.0 U	2680.0 U	2680.0 U	2680.0 U	2680.0 U	2680.0 U	2680.0 U
WP-IB-03-34A	J-4554	32500.0 U	3250.0 U	13000.0 U	3250.0 U	6500.0 U	6500.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U
WP-IB-03-34B	J-4555	34200.0 U	3420.0 U	13680.0 U	3420.0 U	6840.0 U	6840.0 U	3420.0 U	3420.0 U	3420.0 U	3420.0 U	3420.0 U	3420.0 U	3420.0 U	3420.0 U
WP-IB-03-39	J-4556	32500.0 U	3250.0 U	13000.0 U	3250.0 U	6500.0 U	6500.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U	3250.0 U
WP-IB-03-44	J-4557	42000.0 U	4200.0 U	16800.0 U	4200.0 U	8400.0 U	8400.0 U	4200.0 U	4200.0 U	4200.0 U	4200.0 U	4200.0 U	4200.0 U	4200.0 U	4200.0 U
WP-IB-03-49	J-4558	30000.0 U	3000.0 U	12000.0 U	3000.0 U	6000.0 U	6000.0 U	3000.0 U	3000.0 U	3000.0 U	3000.0 U	3000.0 U	3000.0 U	3000.0 U	3000.0 U
WP-IB-03-54	J-4559	31400.0 U	3140.0 U	12560.0 U	3140.0 U	6280.0 U	6280.0 U	3140.0 U	3140.0 U	3140.0 U	3140.0 U	3140.0 U	3140.0 U	3140.0 U	3140.0 U
WP-IB-03-59	J-4560	29300.0 U	2930.0 U	11720.0 U	2930.0 U	5860.0 U	5860.0 U	2930.0 U	2930.0 U	2930.0 U	2930.0 U	2930.0 U	2930.0 U	2930.0 U	2930.0 U
WP-SB-01-0	J-3279	4520.0 U	452.0 U	1808.0 U	452.0 U	404.0 U	404.0 U	452.0 U	452.0 U	452.0 U	452.0 U	452.0 U	452.0 U	452.0 U	452.0 U
WP-SB-01-4	J-3280	4420.0 U	442.0 U	1768.0 U	442.0 U	884.0 U	884.0 U	442.0 U	442.0 U	442.0 U	442.0 U	442.0 U	442.0 U	442.0 U	690.0 M
WP-SB-01-9	J-3281	6300.0 U	630.0 U	2520.0 U	630.0 U	1260.0 U	1260.0 U	630.0 U	630.0 U	630.0 U	630.0 U	630.0 U	630.0 U	630.0 U	1100.0 M
WP-SB-01-14	J-3282	10600.0 U	1060.0 U	4240.0 U	1060.0 U	2120.0 U	2120.0 U	1060.0 U	1060.0 U	1060.0 U	1060.0 U	2000.0	1060.0 U	1060.0 U	2900.0

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WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-SB-01-19	J-3283	5300.0 U	530.0 U	2120.0 U	530.0 U	1060.0 U	1060.0 U	530.0 U	530.0 U	530.0 U	530.0 U	530.0 U	530.0 U	530.0 U	530.0 U
WP-SB-01-24A	J-3284	5040.0 U	504.0 U	2016.0 U	504.0 U	1008.0 U	1008.0 U	504.0 U	504.0 U	504.0 U	504.0 U	504.0 U	504.0 U	504.0 U	504.0 U
WP-SB-01-24B	J-3285	5080.0 U	508.0 U	2032.0 U	508.0 U	1016.0 U	1016.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U
WP-SB-01-29	J-3286	5740.0 U	574.0 U	2296.0 U	574.0 U	1148.0 U	1148.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U
WP-SB-02-0	J-3274	4600.0 U	460.0 U	1800.0 U	460.0 U	920.0 U	920.0 U	460.0 U	460.0 U	460.0 U	460.0 U	460.0 U	460.0 U	460.0 U	460.0 U
WP-SB-02-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-9	J-3275	5700.0 U	570.0 U	2200.0 U	570.0 U	1100.0 U	1100.0 U	570.0 U	570.0 U	570.0 U	570.0 U	570.0 U	570.0 U	570.0 M	570.0 U
WP-SB-02-14	J-3276	5590.0 U	559.0 U	2236.0 U	559.0 U	1118.0 U	1118.0 U	559.0 U	559.0 U	559.0 U	559.0 U	559.0 U	559.0 U	559.0 U	559.0 U
WP-SB-02-19	J-3277	13300.0 U	1330.0 U	5320.0 U	1330.0 U	2660.0 U	2660.0 U	1330.0 U	1330.0 U	1330.0 U	1330.0 U	1600.0 M	1330.0 U	1330.0 U	1330.0 U
WP-SB-02-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-29	J-3278	3980.0 U	398.0 U	1592.0 U	398.0 U	796.0 U	796.0 U	398.0 U	398.0 U	398.0 U	398.0 U	398.0 U	398.0 U	398.0 M	398.0 U
WP-SB-03-0	J-3269	4900.0 U	490.0 U	2000.0 U	490.0 U	980.0 U	980.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 M	490.0 U	490.0 U	490.0 U
WP-SB-03-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-9	J-3270	6100.0 U	610.0 U	2400.0 U	610.0 U	1200.0 U	1200.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 M	610.0 U	610.0 U	610.0 U
WP-SB-03-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-19	J-3271	5900.000 U	590.000 U	2400.000 U	590.000 U	1200.000 U	1200.000 U	590.000 U	590.000 U	590.000 U	590.000 U	590.000 U	590.000 U	590.000 U	590.000 U
WP-SB-03-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-29A	J-3272	5800.000 U	580.000 U	2300.000 U	580.000 U	1200.000 U	1200.000 U	580.000 U	580.000 U	580.000 U	580.000 U	580.000 U	580.000 U	580.000 U	580.000 U
WP-SB-03-29B	J-3273	7400.000 U	740.000 U	2900.000 U	740.000 U	1500.000 U	1500.000 U	740.000 U	740.000 U	740.000 U	740.000 U	740.000 U	740.000 U	740.000 M	740.000 M
WP-SB-03-34															
WP-SB-04-0	J-3491	4010.0 U	401.0 U	1604.0 U	401.0 U	802.0 U	802.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U
WP-SB-04-4	J-3492	5450.0 U	545.0 U	2180.0 U	545.0 U	1090.0 U	1090.0 U	545.0 U	545.0 U	545.0 U	545.0 U	545.0 U	545.0 U	545.0 U	545.0 U
WP-SB-04-9	J-3493	6000.0 U	600.0 U	2400.0 U	600.0 U	1200.0 U	1200.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U
WP-SB-04-14	J-3494	6310.0 U	631.0 U	2524.0 U	631.0 U	1262.0 U	1262.0 U	613.0 U	613.0 U	631.0 U	631.0 U	631.0 U	631.0 U	631.0 U	631.0 U
WP-SB-04-19	J-3495	4990.0 U	499.0 U	1996.0 U	499.0 U	998.0 U	998.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U
WP-SB-04-24	J-3496	5060.0 U	506.0 U	2024.0 U	506.0 U	1012.0 U	1012.0 U	506.0 U	506.0 U	506.0 U	506.0 U	3400.0	506.0 U	506.0 U	506.0 U
WP-SB-04-29	J-3497	6050.0 U	605.0 U	2420.0 U	605.0 U	1210.0 U	1210.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U
WP-SB-04-34	J-3498	5800.0 U	580.0 U	2320.0 U	580.0 U	1160.0 U	1160.0 U	580.0 U	580.0 U	580.0 U	580.0 U	580.0 U	580.0 U	580.0 U	336.0 M
WP-SB-05-0	J-4755	3610.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U
WP-SB-05-4	J-4756	1380.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U
WP-SB-05-14	J-4758	1485.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U
WP-SB-05-19A	J-4759	3382.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U
WP-SB-05-19B	J-4760	1844.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U
WP-SB-05-24	J-4761	1243.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U
WP-SB-05-34	J-4762	1496.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U
WP-SB-05-39	J-4763	2008.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U
WP-SB-06-0	J-4764	2055.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U
WP-SB-06-4	J-4765	1308.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U
WP-SB-06-14	J-4766	2100.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U
WP-SB-06-19	J-3300	1051.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-SB-06-24	J-4767	1070.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U
WP-SB-06-29	J-4768	1475.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U
WP-SB-06-34	J-4769	1211.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U
WP-SB-07-0	J-3243	4590.0 U	459.0 U	1836.0 U	459.0 U	918.0 U	918.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U
WP-SB-07-9	J-3244	11500.0 U	1150.0 U	4600.0 U	1150.0 U	2300.0 U	2300.0 U	1150.0 U	1150.0 U	1150.0 U	1150.0 U	1150.0 U	1150.0 U	1150.0 U	1150.0 M
WP-SB-07-19	J-3245	18800.0 U	1880.0 U	7520.0 U	1880.0 U	3760.0 U	3760.0 U	1880.0 U	1880.0 U	1880.0 U	1880.0 U	1880.0 U	1880.0 U	1880.0 U	1880.0 U
WP-SB-07-24A	J-3246	11600.0 U	1160.0 U	4640.0 U	1160.0 U	2320.0 U	2320.0 U	1160.0 U	1160.0 U	1160.0 U	1160.0 U	1160.0 U	1160.0 U	1144.0 K	1160.0 U
WP-SB-07-24B	J-3247	5840.0 U	584.0 U	2336.0 U	584.0 U	1168.0 U	1168.0 U	584.0 U	584.0 U	584.0 U	584.0 U	584.0 U	584.0 U	584.0 U	584.0 U
WP-SB-07-34	J-3248	5150.0 U	515.0 U	2060.0 U	515.0 U	1030.0 U	1030.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U
WP-SB-08-0	J-3206	4470.0 U	447.0 U	1788.0 U	447.0 U	894.0 U	894.0 U	10.0 M	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U
WP-SB-08-9	J-3207	5400.0 U	540.0 U	2160.0 U	540.0 U	1080.0 U	1080.0 U	540.0 U	540.0 U	540.0 U	540.0 U	10.0 M	540.0 U	10.0 M	540.0 U
WP-SB-08-14	J-3208	5250.0 U	525.0 U	2100.0 U	525.0 U	1050.0 U	1050.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U
WP-SB-08-19	J-3209	5240.0 U	524.0 U	2096.0 U	524.0 U	1048.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	10.0 M	524.0 U
WP-SB-08-24	J-3210	5210.0 U	521.0 U	2084.0 U	521.0 U	1042.0 U	1042.0 U	521.0 U	521.0 U	521.0 U	521.0 U	521.0 U	521.0 U	10.0 M	521.0 U
WP-SB-08-29	J-3211	4980.0 U	498.0 U	1992.0 U	498.0 U	996.0 U	996.0 U	498.0 U	498.0 U	498.0 U	498.0 U	498.0 U	498.0 U	498.0 U	498.0 U
WP-SB-09-0	J-4770	895.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U
WP-SB-09-4	J-4775	960.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U
WP-SB-09-14	J-4771	3353.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U
WP-SB-09-19	J-4797	1308.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U
WP-SB-09-24	J-4772	1687.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U
WP-SB-09-29	J-4773	1086.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U
WP-SB-09-34	J-4774	1348.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U
WP-SB-10-0	J-3249	4310.0 U	431.0 U	1724.0 U	431.0 U	862.0 U	862.0 U	431.0 U	431.0 U	431.0 U	431.0 U	431.0 U	431.0 U	431.0 U	431.0 U
WP-SB-10-9	J-3250	5480.0 U	548.0 U	2192.0 U	548.0 U	1096.0 U	1096.0 U	548.0 U	548.0 U	548.0 U	548.0 U	548.0 U	548.0 U	548.0 U	548.0 U
WP-SB-10-19	J-3251	6120.0 U	612.0 U	2448.0 U	612.0 U	1224.0 U	1224.0 U	612.0 U	612.0 U	612.0 U	612.0 U	1224.0 U	612.0 U	612.0 U	612.0 U
WP-SB-10-24	J-3252	4500.0 U	450.0 U	1800.0 U	450.0 U	900.0 U	900.0 U	450.0 U	450.0 U	450.0 U	450.0 U	450.0 U	450.0 U	450.0 U	450.0 U
WP-SB-10-29	J-3253	14700.0 U	1470.0 U	5880.0 U	1470.0 U	2940.0 U	2940.0 U	1470.0 U	1470.0 U	1470.0 U	1470.0 U	1470.0 U	1470.0 U	1470.0 U	1470.0 U
WP-SB-11-0	J-3212	4010.0 U	401.0 U	1604.0 U	401.0 U	802.0 U	802.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U	401.0 U
WP-SB-11-9	J-3213	3990.0 U	399.0 U	1596.0 U	399.0 U	798.0 U	798.0 U	399.0 U	399.0 U	399.0 U	399.0 U	399.0 U	399.0 U	399.0 U	399.0 U
WP-SB-11-14	J-3214	4800.0 U	480.0 U	1920.0 U	480.0 U	960.0 U	960.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U
WP-SB-11-19A	J-3215	70200.0 U	7020.0 U	28080.0 U	7020.0 U	14040.0 U	14040.0 U	7020.0 U	7020.0 U	7020.0 U	7020.0 U	7020.0 U	7020.0 U	7020.0 U	7020.0 U
WP-SB-11-19B	J-3216	6790.0 U	679.0 U	2716.0 U	679.0 U	1358.0 U	1358.0 U	679.0 U	679.0 U	679.0 U	679.0 U	679.0 U	679.0 U	679.0 U	679.0 U
WP-SB-11-24	J-3217	5170.0 U	517.0 U	2068.0 U	517.0 U	1034.0 U	1034.0 U	517.0 U	517.0 U	517.0 U	517.0 U	517.0 U	517.0 U	517.0 U	517.0 U
WP-SB-11-29	J-3218	5270.0 U	527.0 U	2100.0 U	527.0 U	1054.0 U	1054.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U
WP-SB-12-0	J-3219	4190.0 U	419.0 U	1676.0 U	419.0 U	838.0 U	838.0 U	419.0 U	419.0 U	419.0 U	419.0 U	419.0 U	419.0 U	419.0 U	419.0 M
WP-SB-12-9	J-3220	5000.0 U	500.0 U	2000.0 U	500.0 U	1000.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U
WP-SB-12-14	J-3221	4000.0 U	400.0 U	1600.0 U	400.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-SB-12-19	J-3222	5240.0 U	524.0 U	2096.0 U	524.0 U	1048.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	750.0 U
WP-SB-12-29A	J-3223	4990.0 U	499.0 U	1996.0 U	499.0 U	998.0 U	998.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U	499.0 U

FILENAME:ORGANIC2
WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-SB-12-29B	J-3224	5330.0 U	533.0 U	2132.0 U	533.0 U	1066.0 U	1066.0 U	533.0 U	533.0 U	533.0 U	533.0 U	533.0 U	533.0 U	533.0 U	533.0 U
WP-SB-13-0	J-3264	4600.000 U	460.000 U	1840.000 U	460.000 U	920.000 U	920.000 U	460.000 U	460.000 U	460.000 U	460.000 U	1200.000 M	460.000 U	460.000 M	460.000 U
WP-SB-13-4	J-3265	5390.000 U	539.000 U	2156.000 U	539.000 U	1078.000 U	1078.000 U	539.000 U	539.000 U	539.000 U	539.000 U	540.000 U	539.000 U	539.000 U	539.000 U
WP-SB-13-9	J-3266	5000.000 U	500.000 U	2000.000 U	500.000 U	1000.000 U	1000.000 U	500.000 U	500.000 U	500.000 U	500.000 U	2300.000 M	500.000 U	500.000 U	500.000 U
WP-SB-13-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-19	J-3267	5480.000 U	548.000 U	2192.000 U	548.000 U	1096.000 U	1096.000 U	548.000 U	548.000 U	548.000 U	548.000 U	548.000 U	548.000 U	548.000 U	548.000 U
WP-SB-13-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-29	J-3268	4900.000 U	490.000 U	2000.000 U	490.000 U	980.000 U	980.000 U	490.000 U	490.000 U	490.000 U	490.000 U	490.000 U	490.000 U	490.000 U	490.000 U
WP-SB-13-34		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-14-0	J-3238	32000.0 U	8800.0 U	580000.0 U	5800.0 U	73000.0 U	29000.0 U	8800.0 U	2900.0 U	5800.0 U	18000.0 U	20000.0 U	32000.0 U	5800.0 J	12000.0 J
WP-SB-14-4	J-3239	520.0 U	140.0 U	9400.0 U	94.0 U	1200.0 U	470.0 U	140.0 U	47.0 U	94.0 U	280.0 U	330.0 U	520.0 U	94.0 U	190.0 U
WP-SB-14-9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-14-14	J-3240	800.0 U	220.0 U	15000.0 U	150.0 U	1800.0 U	730.0 U	220.0 U	73.0 U	150.0 U	440.0 U	510.0 U	800.0	150.0 U	290.0 U
WP-SB-14-19	J-3241	590.0 U	160.0 U	11000.0 U	110.0 U	1300.0 U	530.0 U	160.0 U	53.0 U	110.0 U	320.0 U	370.0 U	590.0 U	110.0 U	210.0 U
WP-SB-14-24	J-4798	981.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U
WP-SB-14-29	J-3242	590.0 U	160.0 U	11000.0 U	110.0 U	1300.0 U	530.0 U	160.0 U	53.0 U	110.0 U	320.0 U	370.0 U	590.0 U	110.0 U	210.0 U
WP-SB-14-34	J-4799	993.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U
WP-SB-14-39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-0	J-3226	460.0 U	130.0 U	8400.0 U	84.0 U	1100.0 U	420.0 U	130.0 U	52.0 J	84.0 U	250.0 U	780.0 J	460.0 U	84.0 U	170.0 U
WP-SB-15-4	J-3227	520.0 U	140.0 U	9400.0 U	94.0 U	1200.0 U	470.0 U	140.0 U	47.0 U	94.0 U	280.0 U	360.0	520.0 U	94.0 U	190.0 U
WP-SB-15-14	J-3228	590.0 U	160.0 U	11000.0 U	110.0 U	1300.0 U	530.0 U	160.0 U	53.0 U	110.0 U	320.0 U	370.0 U	590.0 U	110.0 U	210.0 U
WP-SB-15-19	J-3229	590.0 U	160.0 U	11000.0 U	110.0 U	1300.0 U	530.0 U	160.0 U	53.0 U	110.0 U	320.0 U	370.0 U	590.0 U	110.0 U	210.0 U
WP-SB-15-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-29A	J-3230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-15-29B	J-3231	680.0 U	180.0 U	12000.0 U	120.0 U	1500.0 U	620.0 U	180.0 U	62.0 U	120.0 U	370.0 U	430.0 J	680.0 U	120.0 U	250.0 U
WP-SB-16-0	J-3232	520.0 U	140.0 U	9400.0 U	94.0 U	1200.0 U	470.0 U	140.0 U	47.0 U	94.0 U	280.0 U	330.0 U	520.0 U	94.0 U	190.0 U
WP-SB-16-4	J-3233	460.0 U	130.0 U	8400.0 U	84.0 U	1100.0 U	420.0 U	130.0 U	42.0 U	84.0 U	250.0 U	290.0 U	460.0 U	84.0 U	170.0 U
WP-SB-16-14	J-3234	680.0 U	180.0 U	12000.0 U	120.0 U	1500.0 U	620.0 U	180.0 U	62.0 U	120.0 U	370.0 U	430.0 U	680.0 U	120.0 U	250.0 U
WP-SB-16-19	J-3235	680.0 U	180.0 U	12000.0 U	120.0 U	1500.0 U	620.0 U	180.0 U	62.0 U	120.0 U	370.0 U	430.0 U	680.0 U	120.0 U	250.0 U
WP-SB-16-29A	J-3236	520.0 U	140.0 U	9400.0 U	94.0 U	1200.0 U	470.0 U	140.0 U	47.0 U	94.0 U	280.0 U	330.0 U	520.0 U	94.0 U	190.0 U
WP-SB-16-29B	J-3237	590.0 U	160.0 U	11000.0 U	110.0 U	1300.0 U	530.0 U	160.0 U	53.0 U	110.0 U	320.0 U	370.0 U	590.0 U	110.0 U	210.0 U
WP-SB-17-0	J-3259	4300.0 U	430.0 U	2120.0 U	430.0 U	860.0 U	860.0 U	430.0 U	430.0 U	430.0 U	430.0 U	221.0 M	430.0 U	430.0 U	430.0 U
WP-SB-17-9	J-3260	5320.0 U	532.0 U	2120.0 U	532.0 U	1064.0 U	1064.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U
WP-SB-17-19	J-3261	5550.0 U	555.0 U	2220.0 U	555.0 U	1110.0 U	1110.0 U	555.0 U	555.0 U	555.0 U	555.0 U	555.0 U	555.0 U	555.0 U	555.0 U
WP-SB-17-29	J-3262	5240.0 U	524.0 U	2096.0 U	524.0 U	1048.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U
WP-SB-18-0	J-3254	4870.0 U	487.0 U	1948.0 U	487.0 U	974.0 U	974.0 U	487.0 U	487.0 U	487.0 U	487.0 U	487.0 U	487.0 U	487.0 U	487.0 U
WP-SB-18-9	J-3255	5000.0 U	500.0 U	2000.0 U	500.0 U	1000.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U	500.0 U
WP-SB-18-19	J-3256	5400.0 U	540.0 U	2160.0 U	540.0 U	1080.0 U	1080.0 U	540.0 U	540.0 U	540.0 U	540.0 U	540.0 U	540.0 U	540.0 U	540.0 U
WP-SB-18-24A	J-3257	5120.0 U	512.0 U	2048.0 U	512.0 U	1024.0 U	1024.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U

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ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
WP-SB-18-24B	J-3258	5000.0 U	508.0 U	2032.0 U	508.0 U	1016.0 U	1016.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U	508.0 U
WP-SB-19-0	J-3291	987.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U
WP-SB-19-9	J-3292	1196.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U
WP-SB-19-14	J-3293	1089.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-SB-19-19	J-3294	1614.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U
WP-SB-19-24	J-3295	1029.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U
WP-SB-19-29	J-3296	1199.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U
WP-SB-19-34	J-3297	1253.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U
WP-SB-19-39	J-3298	1024.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U
WP-SB-19-46	J-3299	958.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U
WP-SB-20-0	J-3287	1047.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U
WP-SB-20-9	J-3288	1053.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U
WP-SB-20-19	J-3289	1148.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U
WP-SB-20-29	J-3290	1029.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U
GROUNDWATER SAMPLES															
WP-GW-01	J-4565	10.0 U	10.0 U	30.0 U	10.0 U	10.0 U	15.0 U	10.0 U	10.0 U	10.0 U	10.0 U	76.0	10.0 U	10.0 M	10.0 M
WP-GW-02	J-4566	10.0 U	10.0 U	30.0 U	10.0 U	10.0 U	15.0 U	10.0 U	10.0 U	10.0 U	10.0 U	18.0 M	10.0 M	10.0 M	10.0 M
WP-GW-03	J-4567	10.0 U	10.0 U	30.0 U	10.0 U	10.0 U	15.0 U	10.0 U	10.0 U	10.0 U	10.0 U	26.0 M	10.0 M	10.0 M	10.0 M
WP-MW-34A	J-4578	110.000 U	11.000 U	44.000 U	11.000 U	22.000 U	22.000 U	11.000 U	11.000 U	22.000 U	11.000 U	11.000 K	11.000 U	11.000 K	11.000 U
WP-MW-34B	J-4577	220.000 U	22.000 U	88.000 U	22.000 U	44.000 U	44.000 U	22.000 U	22.000 U	44.000 U	22.000 U	22.000 K	22.000 U	22.000 K	22.000 U
WP-MW-35	J-4576	90.000 U	9.000 U	36.000 U	9.000 U	18.000 U	18.000 U	9.000 U	9.000 U	18.000 U	9.000 U	9.000 K	9.000 U	9.000 K	9.000 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-MB-01-0		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-MB-01-5	J-4661	400.0 U	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 M	800.0 U	400.0 M	800.0 U	400.0 U	800.0 U
WP-MB-01-10	J-4662	400.0 U	400.0 U	800.0 M	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-15	J-4663	400.0 U	400.0 U	800.0 M	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-20	J-4664	506.4 U	1013.0 U	1013.0 U	1013.0 U	1013.0 U	506.4 U	1013.0 U	506.4 U	506.4 U	506.4 U	1013.0 U	506.4 U	1013.0 U	506.4 U	1013.0 U
WP-MB-01-25	J-4665	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-30	J-4666	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-35	J-4667	250.0 U	500.0 U	500.0 U	500.0 U	500.0 U	250.0 U	500.0 U	250.0 U	250.0 U	250.0 U	500.0 U	250.0 U	500.0 U	250.0 U	500.0 U
WP-MB-01-40	J-4668	500.0 U	1000.0 U	1000.0 U	1000.0 U	1000.0 U	500.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	1000.0 U	500.0 U	1000.0 U	500.0 U	1000.0 U
WP-MB-01-50	J-4669	250.0 U	500.0 U	500.0 U	500.0 U	500.0 U	250.0 U	500.0 U	250.0 U	250.0 U	250.0 U	500.0 U	250.0 U	500.0 U	250.0 U	500.0 U
WP-MB-01-60	J-4670	170.0 U	340.0 U	340.0 U	340.0 U	340.0 U	170.0 U	340.0 U	170.0 U	170.0 U	170.0 U	340.0 U	170.0 M	340.0 U	170.0 U	340.0 U
WP-MB-01-70A	J-4671	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-70B	J-4672	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-80	J-4673	400.0 U	800.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-01-90	J-4674	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-01-100	J-4675	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-02-0	J-4676	420.0 U	420.0 U	420.0 U	420.0 U	420.0 U	420.0 U	420.0 U	45.0 M	45.0 M	230.0 M	420.0 U	420.0 U	420.0 U	45.0 M	180.0 M
WP-MB-02-5	J-4677	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	95.0 M
WP-MB-02-10	J-4678	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-15	J-4679	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-20	J-4680	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U	390.0 U
WP-MB-02-25	J-4681	1200.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	46.0 M	400.0 U	400.0 U
WP-MB-02-30	J-4682	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40A	J-4683	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-40B	J-4686	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U	820.0 U
WP-MB-02-50	J-4684	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-02-60	J-4685	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
WP-MB-03-0	J-4687	486.0 U	770.0 M	1200.0 M	2700.0 M	2700.0 M	680.0	1700.0 M	486.0 U	486.0 U	486.0 U	1900.0 M	486.0 M	972.0 U	486.0 U	972.0 U
WP-MB-03-5	J-4688	700.0 U	700.0 U	1400.0 U	1400.0 U	1400.0 U	700.0 U	1400.0 U	700.0 U	700.0 U	700.0 U	1400.0 U	700.0 U	1400.0 U	700.0 U	1400.0 U
WP-MB-03-10	J-4689	1070.0 U	1070.0 U	2140.0 U	2140.0 U	2140.0 U	1070.0 U	2140.0 U	1070.0 U	1070.0 U	1200.0 M	2140.0 U	1100.0 M	2140.0 U	1070.0 U	3500.0 M
WP-MB-03-15	J-4690	1200.0 M	1110.0 U	2220.0 U	2220.0 U	2220.0 U	1110.0 U	2220.0 U	1110.0 U	1110.0 U	1200.0 M	2220.0 U	1110.0 U	2220.0 U	1110.0 U	2220.0 M
WP-MB-03-20	J-4691	690.0 U	690.0 U	1380.0 U	1380.0 U	1380.0 U	690.0 U	1380.0 U	690.0 U	690.0 U	690.0 U	1380.0 U	690.0 U	1380.0 U	690.0 U	1380.0 U
WP-MB-03-25A	J-4692	700.0 U	700.0 U	1400.0 U	1400.0 U	1400.0 U	700.0 U	1400.0 U	700.0 U	700.0 U	700.0 U	1400.0 U	700.0 U	1400.0 U	700.0 U	1400.0 U
WP-MB-03-25B	J-4693	498.0 U	498.0 U	996.0 U	996.0 U	996.0 U	498.0 U	996.0 U	498.0 U	498.0 U	498.0 U	996.0 U	498.0 U	996.0 U	498.0 U	996.0 U
WP-MB-03-34	J-4694	613.0 U	613.0 U	1226.0 U	1226.0 U	1226.0 U	613.0 U	1226.0 U	613.0 U	613.0 U	613.0 U	1226.0 U	613.0 U	1226.0 U	613.0 U	1226.0 U
WP-MB-03-40	J-4695	643.0 U	643.0 U	1286.0 U	1286.0 U	1286.0 U	643.0 U	1286.0 U	643.0 U	643.0 U	643.0 U	1286.0 U	643.0 U	1286.0 U	643.0 U	1286.0 U
WP-MB-03-50	J-4696	774.0 U	774.0 U	1548.0 U	1548.0 U	1548.0 U	774.0 U	1548.0 U	774.0 U	774.0 U	774.0 U	1548.0 U	774.0 U	1548.0 U	774.0 U	1548.0 U
WP-MB-03-60	J-4697	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-70	J-4698	473.0 U	473.0 U	946.0 U	946.0 U	946.0 U	473.0 U	946.0 U	473.0 U	473.0 U	473.0 U	946.0 U	473.0 U	946.0 U	473.0 U	946.0 U
WP-MB-03-80	J-4699	400.0 U	400.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-MB-03-90	J-4700	599.0 U	599.0 U	1198.0 U	1198.0 U	1198.0 U	599.0 U	1198.0 U	599.0 U	599.0 U	599.0 U	1198.0 U	599.0 U	1198.0 U	599.0 U	1198.0 U
WP-MB-03-100	J-4751	571.0 U	571.0 U	1142.0 U	1142.0 U	1142.0 U	571.0 U	1142.0 U	571.0 U	571.0 U	571.0 U	1142.0 U	571.0 U	1142.0 U	571.0 U	1142.0 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-IB-01-0	J-4776	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U
WP-IB-01-4	J-4777	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U	586.0 U
WP-IB-01-9	J-4778	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-IB-01-14	J-4779	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-IB-01-19	J-4780	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U	851.0 U
WP-IB-01-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-IB-01-29	J-4781	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U	604.0 U
WP-IB-01-34	J-4782	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U	577.0 U
WP-IB-01-39A	J-4783	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U	519.0 U
WP-IB-01-39B	J-4784	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U	532.0 U
WP-IB-01-59	J-4785	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U	734.0 U
WP-IB-02-0	J-4786	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U	436.0 U
WP-IB-02-4	J-4787	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U	475.0 U
WP-IB-02-9	J-4788	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U	550.0 U
WP-IB-02-14	J-4789	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U	539.0 U
WP-IB-02-19	J-4790	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U	610.0 U
WP-IB-02-24	J-3202	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U	606.0 U
WP-IB-02-29	J-4791	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U	522.0 U
WP-IB-02-34	J-3203	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U
WP-IB-02-39	J-4792	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U	562.0 U
WP-IB-02-44	J-3204	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U
WP-IB-02-49	J-4793	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U
WP-IB-02-54A	J-4794	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U	482.0 U
WP-IB-02-54B	J-4795	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U	469.0 U
WP-IB-02-59	J-3205	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U
WP-IB-03-0	J-4550	3670.0 U	3670.0 U	7340.0 U	7340.0 U	7340.0 U	7340.0 U	7340.0 U	3670.0 U	3670.0 U	3670.0 U	7340.0 U	3670.0 U	7340.0 U	3670.0 U	7340.0 U
WP-IB-03-4	J-4551	3330.0 U	3330.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U
WP-IB-03-14	J-4552	3160.0 U	3160.0 U	6320.0 U	6320.0 U	6320.0 U	6320.0 U	6320.0 U	3160.0 U	3160.0 U	3160.0 U	6320.0 U	3160.0 U	6320.0 U	3160.0 U	6320.0 U
WP-IB-03-24	J-4553	2680.0 U	2680.0 U	5360.0 U	5360.0 U	5360.0 U	5360.0 U	5360.0 U	2680.0 U	2680.0 U	2680.0 U	5360.0 U	2680.0 U	5360.0 U	2680.0 U	5360.0 U
WP-IB-03-34A	J-4554	3250.0 U	3250.0 U	6500.0 U	6500.0 U	6500.0 U	6500.0 U	6500.0 U	3250.0 U	3250.0 U	3250.0 U	6500.0 U	3250.0 U	6500.0 U	3250.0 U	6500.0 U
WP-IB-03-34B	J-4555	3420.0 U	3420.0 U	6840.0 U	6840.0 U	6840.0 U	6840.0 U	6840.0 U	3420.0 U	3420.0 U	3420.0 U	6840.0 U	3420.0 U	6840.0 U	3420.0 U	6840.0 U
WP-IB-03-39	J-4556	3250.0 U	3250.0 U	6500.0 U	6500.0 U	6500.0 U	6500.0 U	6500.0 U	3250.0 U	3250.0 U	3250.0 U	6500.0 U	3250.0 U	6500.0 U	3250.0 U	6500.0 U
WP-IB-03-44	J-4557	4200.0 U	4200.0 U	8400.0 U	8400.0 U	8400.0 U	8400.0 U	8400.0 U	4200.0 U	4200.0 U	4200.0 U	8400.0	4200.0 U	8400.0 U	4200.0 U	8400.0 U
WP-IB-03-49	J-4558	3000.0 U	3000.0 U	6000.0 U	6000.0 U	6000.0 U	6000.0 U	6000.0 U	3000.0 U	3000.0 U	3000.0 U	6000.0 U	3000.0 U	6000.0 U	3000.0 U	6000.0 U
WP-IB-03-54	J-4559	3140.0 U	3140.0 U	6280.0 U	6280.0 U	6280.0 U	6280.0 U	6280.0 U	3140.0 U	3140.0 U	3140.0 U	6280.0 U	3140.0 U	6280.0 U	3140.0 U	6280.0 U
WP-IB-03-59	J-4560	2930.0 U	2930.0 U	5860.0 U	5860.0 U	5860.0 U	5860.0 U	5860.0 U	2930.0 U	2930.0 U	2930.0 U	5860.0 U	2930.0 U	5860.0 U	2930.0 U	5860.0 U
WP-SB-01-0	J-3279	452.0 U	452.0 U	904.0 U	904.0 U	904.0 U	452.0 U	904.0 U	452.0 U	452.0 U	452.0 U	904.0 U	452.0 U	904.0 U	452.0 U	904.0 U
WP-SB-01-4	J-3280	442.0 U	442.0 U	884.0 U	884.0 U	884.0 U	442.0 U	884.0 U	442.0 U	442.0 U	442.0 U	884.0 U	442.0 U	884.0 U	442.0 U	884.0 U
WP-SB-01-9	J-3281	630.0 U	630.0 U	1260.0 U	1260.0 U	1260.0 U	630.0 U	1260.0 U	630.0 U	630.0 U	630.0 U	1260.0 U	630.0 U	1260.0 U	630.0 U	1260.0 U
WP-SB-01-14	J-3282	1060.0 U	1060.0 U	2120.0 U	2120.0 U	2120.0 U	1060.0 U	2120.0 U	1060.0 U	1060.0 U	1060.0 U	2120.0 U	1060.0 U	2120.0 U	1060.0 U	2120.0 U

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WESTERN PROCESSING
5/84 TO 7/84
QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
SOILS AND GROUNDWATER SAMPLES
ALL CONCENTRATIONS IN UG/KG ON A DRY WEIGHT BASIS

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-SB-01-19	J-3283	530.0 U	530.0 U	1060.0 U	1060.0 U	1060.0 U	530.0 U	1060.0 U	530.0 U	530.0 U	530.0 U	1060.0 U	530.0 U	1060.0 U	530.0 U	1060.0 U
WP-SB-01-24A	J-3284	504.0 U	504.0 U	1008.0 U	1008.0 U	1008.0 U	504.0 U	1008.0 U	504.0 U	504.0 U	504.0 U	1008.0 U	504.0 U	1008.0 U	504.0 U	1008.0 U
WP-SB-01-24B	J-3285	508.0 U	508.0 U	1016.0 U	1016.0 U	1016.0 U	508.0 U	1016.0 U	508.0 U	508.0 U	508.0 U	1016.0 U	508.0 U	1016.0 U	508.0 U	1016.0 U
WP-SB-01-29	J-3286	574.0 U	574.0 U	1148.0 U	1148.0 U	1148.0 U	574.0 U	1148.0 U	574.0 U	574.0 U	574.0 U	1148.0 U	574.0 U	1148.0 U	574.0 U	1148.0 U
WP-SB-02-0	J-3274	460.0 U	460.0 U	920.0 U	920.0 U	920.0 U	460.0 U	920.0 U	460.0 U	460.0 U	460.0 U	920.0 U	460.0 U	920.0 U	460.0 U	920.0 U
WP-SB-02-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-9	J-3275	570.0 U	570.0 U	1100.0 U	1100.0 U	1100.0 U	570.0 U	1100.0 U	570.0 U	570.0 U	570.0 U	1100.0 U	570.0 U	570.0 U	570.0 U	570.0 U
WP-SB-02-14	J-3276	559.0 U	559.0 U	1118.0 U	1118.0 U	1118.0 U	559.0 U	1118.0 U	559.0 U	559.0 U	559.0 U	1118.0 U	559.0 U	1118.0 U	559.0 U	1118.0 U
WP-SB-02-19	J-3277	1330.0 U	1330.0 U	2260.0 U	2260.0 M	2260.0 M	1330.0 U	2260.0 U	1330.0 U	1330.0 U	1330.0 U	2260.0 U	1330.0 U	2260.0 U	13.0	2260.0 U
WP-SB-02-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-02-29	J-3278	398.0 U	398.0 U	796.0 U	796.0 U	796.0 U	398.0 U	796.0 U	398.0 U	398.0 U	398.0 U	796.0 U	398.0 U	796.0 U	398.0 U	796.0 U
WP-SB-03-0	J-3269	490.0 U	490.0 U	980.0 U	980.0 U	980.0 U	490.0 U	980.0 U	490.0 U	490.0 U	490.0 U	980.0 U	490.0 U	980.0 U	490.0 U	980.0 U
WP-SB-03-4		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-9	J-3270	610.0 U	610.0 U	1200.0 U	1200.0 U	1200.0 U	610.0 U	1200.0 U	610.0 U	610.0 U	610.0 U	1200.0 U	610.0 U	1200.0 U	610.0 U	1200.0 U
WP-SB-03-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-19	J-3271	590.000 U	590.000 U	1200.000 U	1200.000 U	1200.000 U	590.000 U	1200.000 U	590.000 U	1200.000 U	1200.000 U	1200.000 U	590.000 U	1200.000 U	590.000 U	1200.000 U
WP-SB-03-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-03-29A	J-3272	580.000 U	580.000 U	1200.000 U	1200.000 U	1200.000 U	580.000 U	1200.000 U	580.000 U	580.000 U	580.000 U	1200.000 U	580.000 U	1200.000 U	580.000 U	1200.000 U
WP-SB-03-29B	J-3273	740.000 U	740.000 U	1500.000 U	1500.000 U	1500.000 U	740.000 U	1500.000 U	740.000 U	740.000 U	740.000 U	1500.000 U	740.000 U	1500.000 U	740.000 U	1500.000 U
WP-SB-03-34																
WP-SB-04-0	J-3491	401.0 U	401.0 U	802.0 U	802.0 U	802.0 U	401.0 U	802.0 U	401.0 U	401.0 U	401.0 U	802.0 U	401.0 U	802.0 U	401.0 U	802.0 U
WP-SB-04-4	J-3492	545.0 U	545.0 U	1090.0 U	1090.0 U	1090.0 U	545.0 U	1090.0 U	545.0 U	545.0 U	545.0 U	1090.0 U	545.0 U	1090.0 U	545.0 U	1090.0 U
WP-SB-04-9	J-3493	600.0 U	600.0 U	1200.0 U	1200.0 U	1200.0 U	600.0 U	1200.0 U	600.0 U	600.0 U	600.0 U	1200.0 U	600.0 U	1200.0 U	600.0 U	1200.0 U
WP-SB-04-14	J-3494	631.0 U	631.0 U	1262.0 U	1262.0 U	1262.0 U	631.0 U	1262.0 U	631.0 U	631.0 U	631.0 U	1262.0 U	631.0 U	1262.0 U	631.0 U	1262.0 U
WP-SB-04-19	J-3495	499.0 U	499.0 U	998.0 U	998.0 U	998.0 U	499.0 U	998.0 U	499.0 U	499.0 U	499.0 U	998.0 U	499.0 U	998.0 U	499.0 U	998.0 U
WP-SB-04-24	J-3496	506.0 U	506.0 U	1012.0 U	1012.0 U	1012.0 U	506.0 U	1012.0 U	506.0 U	506.0 U	506.0 U	1012.0 U	506.0 U	1012.0 U	506.0 U	1012.0 U
WP-SB-04-29	J-3497	605.0 U	605.0 U	1210.0 U	1210.0 U	1210.0 U	605.0 U	1210.0 U	605.0 U	605.0 U	605.0 U	1210.0 U	605.0 U	1210.0 U	605.0 U	1210.0 U
WP-SB-04-34	J-3498	580.0 U	580.0 U	1160.0 U	1160.0 U	1160.0 U	580.0 U	1160.0 U	580.0 U	580.0 U	580.0 U	1160.0 U	5000.0 U	1160.0 U	580.0 U	1160.0 U
WP-SB-05-0	J-4755	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U	1805.0 U
WP-SB-05-4	J-4756	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U	690.0 U
WP-SB-05-14	J-4758	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U	742.0 U
WP-SB-05-19A	J-4759	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U	1691.0 U
WP-SB-05-19B	J-4760	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U	922.0 U
WP-SB-05-24	J-4761	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U	622.0 U
WP-SB-05-34	J-4762	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U	748.0 U
WP-SB-05-39	J-4763	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U	1004.0 U
WP-SB-06-0	J-4764	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U	1028.0 U
WP-SB-06-4	J-4765	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U
WP-SB-06-14	J-4766	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	1050.0 U	0 U	1050.0 U
06-19	J-3300	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	525.0 U	0 U	525.0 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-SB-06-24	J-4767	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U	535.0 U
WP-SB-06-29	J-4768	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U	738.0 U
WP-SB-06-34	J-4769	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U	605.0 U
WP-SB-07-0	J-3243	459.0 U	459.0 U	918.0 U	918.0 U	918.0 U	459.0 U	459.0 U	459.0 U	459.0 U	459.0 U	918.0 U	459.0 U	918.0 U	459.0 U	918.0 U
WP-SB-07-9	J-3244	1150.0 U	1150.0 U	2300.0 U	2300.0 U	2300.0 U	1150.0 U	2300.0 U	1150.0 U	1150.0 U	1150.0 U	2300.0 U	1150.0 U	2300.0 U	1150.0 U	2300.0 U
WP-SB-07-19	J-3245	1880.0 U	1880.0 U	3760.0 U	3760.0 U	3760.0 U	1880.0 U	3760.0 U	1880.0 U	1880.0 U	1880.0 U	3760.0 U	1880.0 U	3760.0 U	1880.0 U	3760.0 U
WP-SB-07-24A	J-3246	1160.0 U	1160.0 U	2320.0 U	2320.0 U	2320.0 U	1160.0 U	2320.0 U	1160.0 U	1160.0 U	1160.0 U	2320.0 U	1160.0 U	2320.0 U	1160.0 U	2320.0 U
WP-SB-07-24B	J-3247	584.0 U	584.0 U	1168.0 U	1168.0 U	1168.0 U	584.0 U	1168.0 U	584.0 U	584.0 U	584.0 U	1168.0 U	584.0 U	1168.0 U	584.0 U	1168.0 U
WP-SB-07-34	J-3248	515.0 U	515.0 U	1030.0 U	1030.0 U	1030.0 U	515.0 U	1030.0 U	515.0 U	515.0 U	515.0 U	1030.0 U	515.0 U	1030.0 U	515.0 U	1030.0 U
WP-SB-08-0	J-3206	447.0 U	447.0 U	894.0 U	20.0 M	894.0 U	447.0 U	894.0 U	447.0 U	447.0 U	10.0 M	894.0 U	10.0 M	894.0 U	447.0 U	894.0 U
WP-SB-08-9	J-3207	540.0 U	540.0 U	1080.0 U	1080.0 U	1080.0 U	540.0 U	1080.0 U	540.0 U	540.0 U	540.0 U	1080.0 U	540.0 U	1080.0 U	540.0 U	1080.0 U
WP-SB-08-14	J-3208	525.0 U	525.0 U	1050.0 U	1050.0 U	1050.0 U	525.0 U	1050.0 U	525.0 U	525.0 U	525.0 U	1050.0 U	525.0 U	1050.0 U	525.0 U	1050.0 U
WP-SB-08-19	J-3209	524.0 U	524.0 U	1048.0 U	1048.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U
WP-SB-08-24	J-3210	521.0 U	521.0 U	1042.0 U	1042.0 U	1042.0 U	521.0 U	1042.0 U	521.0 U	521.0 U	521.0 U	1042.0 U	521.0 U	1042.0 U	521.0 U	1042.0 U
WP-SB-08-29	J-3211	498.0 U	498.0 U	996.0 U	996.0 U	996.0	498.0 U	996.0 U	498.0 U	498.0 U	498.0 U	996.0 U	498.0 U	996.0 U	498.0 U	996.0 U
WP-SB-09-0	J-4770	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U	447.0 U
WP-SB-09-4	J-4775	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U	480.0 U
WP-SB-09-14	J-4771	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U	1677.0 U
WP-SB-09-19	J-4797	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U	654.0 U
WP-SB-09-24	J-4772	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U	844.0 U
WP-SB-09-29	J-4773	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U	543.0 U
WP-SB-09-34	J-4774	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U	674.0 U
WP-SB-10-0	J-3249	431.0 U	431.0 U	862.0 U	862.0 U	862.0 U	431.0 U	862.0 U	431.0 U	431.0 U	431.0 U	862.0 U	431.0 U	862.0 U	431.0 U	862.0 U
WP-SB-10-9	J-3250	548.0 U	548.0 U	1096.0 U	1096.0 U	1096.0 U	548.0 U	1096.0 U	548.0 U	548.0 U	548.0 U	1096.0 U	548.0 U	1096.0 U	548.0 U	1096.0 U
WP-SB-10-19	J-3251	612.0 U	612.0 U	1224.0 U	1224.0 U	1224.0 U	612.0 U	1224.0 U	612.0 U	612.0 U	612.0 U	1224.0 U	612.0 U	1224.0 U	612.0 U	1224.0 U
WP-SB-10-24	J-3252	450.0 U	450.0 U	900.0 U	900.0 U	900.0 U	450.0 U	900.0 U	450.0 U	450.0 U	450.0 U	900.0 U	450.0 U	900.0 U	450.0 U	900.0 U
WP-SB-10-29	J-3253	1470.0 U	1470.0 U	2940.0 U	2940.0 U	2940.0 U	1470.0 U	2940.0 U	1470.0 U	1470.0 U	1470.0 U	2940.0 U	1470.0 U	2940.0 U	1470.0 U	2940.0 U
WP-SB-11-0	J-3212	401.0 U	401.0 U	802.0 U	802.0 U	802.0 U	401.0 U	802.0 U	401.0 U	401.0 U	401.0 U	802.0 U	401.0 U	802.0 U	401.0 U	802.0 U
WP-SB-11-9	J-3213	399.0 U	399.0 U	798.0 U	798.0 U	798.0 U	399.0 U	798.0 U	399.0 U	399.0 U	399.0 U	798.0 U	399.0 U	798.0 U	399.0 U	798.0 U
WP-SB-11-14	J-3214	480.0 U	480.0 U	960.0 U	960.0 U	960.0 U	480.0 U	960.0 U	480.0 U	480.0 U	480.0 U	960.0 U	480.0 U	960.0 U	480.0 U	960.0 U
WP-SB-11-19A	J-3215	7020.0 U	7020.0 U	14040.0 U	14040.0 U	14040.0 U	7020.0 U	14040.0 U	7020.0 U	7020.0 U	7020.0 U	14040.0 U	7020.0 U	14040.0 U	7020.0 U	14040.0 U
WP-SB-11-19B	J-3216	679.0 U	679.0 U	1358.0 U	1358.0 U	1358.0 U	679.0 U	1358.0 U	679.0 U	679.0 U	679.0 U	1358.0 U	679.0 U	1358.0 U	679.0 U	1358.0 U
WP-SB-11-24	J-3217	517.0 U	517.0 U	1034.0 U	1034.0 U	1034.0 U	517.0 U	1034.0 U	517.0 U	517.0 U	517.0 U	1034.0 U	517.0 U	1034.0 U	517.0 U	1034.0 U
WP-SB-11-29	J-3218	527.0 U	527.0 U	1054.0 U	1054.0 U	1054.0 U	527.0 U	1054.0 U	527.0 U	527.0 U	527.0 U	1054.0 U	527.0 U	1054.0 U	527.0 U	1054.0 U
WP-SB-12-0	J-3219	419.0 U	419.0 U	838.0 U	838.0 U	838.0 U	419.0 U	838.0 U	419.0 U	419.0 U	419.0 U	838.0 U	419.0 U	838.0 U	419.0 U	838.0 U
WP-SB-12-9	J-3220	500.0 U	500.0 U	1000.0 U	1000.0 U	1000.0 U	500.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	1000.0 U	500.0 U	1000.0 M	500.0 U	1000.0 U
WP-SB-12-14	J-3221	400.0 U	400.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
WP-SB-12-19	J-3222	524.0 U	524.0 U	1048.0 U	1048.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U
WP-SB-12-29A	J-3223	499.0 U	499.0 U	998.0 U	998.0 U	998.0 U	499.0 U	998.0 U	499.0 U	499.0 U	499.0 U	998.0 U	499.0 U	998.0 U	499.0 U	998.0 U

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QUALITY ASSURED CLP ORGANIC-PRIORITY POLLUTANT DATA
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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-SB-12-29B	J-3224	533.0 U	533.0 U	1066.0 U	1066.0 U	1066.0 U	533.0 U	1066.0 U	533.0 U	533.0 U	533.0 U	1066.0 U	533.0 U	1066.0 U	533.0 U	1066.0 U
WP-SB-13-0	J-3264	460.000 U	460.000 U	920.000 U	920.000 U	920.000 U	460.000 U	920.000 U	460.000 U	460.000 U	460.000 U	920.000 U	460.000 U	920.000 U	460.000 U	920.000 U
WP-SB-13-4	J-3265	539.000 U	539.000 U	1078.000 U	1078.000 U	1078.000 U	539.000 U	1078.000 U	539.000 U	539.000 U	539.000 U	1078.000 U	539.000 U	1078.000 U	539.000 U	1078.000 U
WP-SB-13-9	J-3266	500.000 U	500.000 U	1000.000 U	1000.000 U	1000.000 U	500.000 U	1000.000 U	500.000 U	500.000 U	500.000 U	1000.000 U	1000.000 U	1000.000 U	500.000 U	1000.000 U
WP-SB-13-14		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-19	J-3267	548.000 U	548.000 U	1096.000 U	1096.000 U	1096.000 U	548.000 U	1096.000 U	548.000 U	548.000 U	548.000 U	1096.000 U	548.000 U	1096.000 U	548.000 U	1096.000 U
WP-SB-13-24		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-29	J-3268	490.000 U	490.000 U	980.000 U	980.000 U	980.000 U	490.000 U	980.000 U	490.000 U	490.000 U	490.000 U	980.000 U	490.000 U	980.000 U	490.000 U	980.000 U
WP-SB-13-34		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-14-0	J-3238	8800.0 U	12000.0 U	18000.0 U	15000.0 U	23000.0 U	15000.0 U	20000.0 U	5800.0 U	8800.0 U	5800.0 U	26000.0 U	8800.0 U	12000.0 U	5800.0 U	5800.0 U
WP-SB-14-4	J-3239	140.0 U	190.0 U	280.0 U	240.0 U	380.0 U	240.0 U	330.0 U	94.0 U	140.0 U	94.0 U	420.0 U	140.0 U	190.0 U	94.0 U	94.0 U
WP-SB-14-9		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-14-14	J-3240	220.0 U	290.0 U	440.0 U	360.0 U	580.0 U	360.0 U	510.0 U	150.0 U	220.0 U	150.0 U	650.0 U	220.0 U	290.0 U	150.0 U	150.0 U
WP-SB-14-19	J-3241	160.0 U	210.0 U	320.0 U	270.0 U	430.0 U	270.0 U	370.0 U	110.0 U	160.0 U	110.0 U	480.0 U	160.0 U	210.0 U	110.0 U	110.0 U
WP-SB-14-24	J-4798	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U	490.0 U
WP-SB-14-29	J-3242	160.0 U	210.0 U	320.0 U	270.0 U	430.0 U	270.0 U	370.0 U	110.0 U	160.0 U	110.0 U	480.0 U	160.0 U	210.0 U	110.0 U	110.0 U
WP-SB-14-34	J-4799	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U	496.0 U
WP-SB-14-39		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-0	J-3226	130.0 U	170.0 U	250.0 U	210.0 U	340.0 U	210.0 U	290.0 U	84.0 U	130.0 U	84.0 U	380.0 U	130.0 U	170.0 U	84.0 U	84.0 U
WP-SB-15-4	J-3227	140.0 U	190.0 U	280.0 U	240.0 U	380.0 U	240.0 U	330.0 U	94.0 U	140.0 U	94.0 U	420.0 U	140.0 U	190.0 U	94.0 U	94.0 U
WP-SB-15-14	J-3228	160.0 U	210.0 U	320.0 U	270.0 U	430.0 U	270.0 U	370.0 U	110.0 U	160.0 U	110.0 U	480.0 U	160.0 U	210.0 U	110.0 U	110.0 U
WP-SB-15-19	J-3229	160.0 U	210.0 U	320.0 U	270.0 U	430.0 U	270.0 U	370.0 U	110.0 U	160.0 U	110.0 U	480.0 U	160.0 U	210.0 U	110.0 U	110.0 U
WP-SB-15-24		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
WP-SB-15-29A	J-3230	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
WP-SB-15-29B	J-3231	180.0 U	250.0 U	370.0 U	310.0 U	490.0 U	310.0 U	430.0 U	120.0 U	180.0 U	120.0 U	550.0 U	180.0 U	250.0 U	120.0 U	120.0 U
WP-SB-16-0	J-3232	140.0 U	190.0 U	280.0 U	240.0 U	380.0 U	240.0 U	330.0 U	94.0 U	140.0 U	94.0 U	420.0 U	140.0 U	190.0 U	94.0 U	94.0 U
WP-SB-16-4	J-3233	130.0 U	170.0 U	250.0 U	210.0 U	340.0 U	210.0 U	290.0 U	84.0 U	130.0 U	84.0 U	380.0 U	130.0 U	170.0 U	84.0 U	84.0 U
WP-SB-16-14	J-3234	180.0 U	250.0 U	370.0 U	310.0 U	490.0 U	310.0 U	430.0 U	120.0 U	180.0 U	120.0 U	550.0 U	180.0 U	250.0 U	120.0 U	120.0 U
WP-SB-16-19	J-3235	180.0 U	250.0 U	370.0 U	310.0 U	490.0 U	310.0 U	430.0 U	120.0 U	180.0 U	120.0 U	550.0 U	180.0 U	250.0 U	120.0 U	120.0 U
WP-SB-16-29A	J-3236	140.0 U	190.0 U	280.0 U	240.0 U	380.0 U	240.0 U	330.0 U	94.0 U	140.0 U	94.0 U	420.0 U	140.0 U	190.0 U	94.0 U	94.0 U
WP-SB-16-29B	J-3237	160.0 U	210.0 U	320.0 U	270.0 U	430.0 U	270.0 U	370.0 U	110.0 U	160.0 U	110.0 U	480.0 U	160.0 U	210.0 U	110.0 U	110.0 U
WP-SB-17-0	J-3259	430.0 U	430.0 U	860.0 U	860.0 U	860.0 U	430.0 U	860.0 U	430.0 U	430.0 U	430.0 U	860.0 U	430.0 U	860.0 U	430.0 U	860.0 U
WP-SB-17-9	J-3260	532.0 U	532.0 U	1064.0 U	1064.0 U	1064.0 U	532.0 U	1064.0 U	532.0 U	532.0 U	532.0 U	1064.0 U	532.0 U	1064.0 U	532.0 U	1064.0 U
WP-SB-17-19	J-3261	555.0 U	555.0 U	1110.0 U	1110.0 U	1110.0 U	555.0 U	1110.0 U	555.0 U	555.0 U	555.0 U	1110.0 U	555.0 U	1110.0 U	555.0 U	1110.0 U
WP-SB-17-29	J-3262	524.0 U	524.0 U	1048.0 U	1048.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	524.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U	524.0 U	1048.0 U
WP-SB-18-0	J-3254	487.0 U	487.0 U	974.0 U	974.0 U	974.0 U	487.0 U	974.0 U	487.0 U	487.0 U	487.0 U	974.0 U	487.0 U	974.0 U	487.0 U	974.0 U
WP-SB-18-9	J-3255	500.0 U	500.0 U	1000.0 U	1000.0 U	1000.0 U	500.0 U	1000.0 U	500.0 U	500.0 U	500.0 U	1000.0 U	500.0 U	1000.0 U	500.0 U	1000.0 U
[illegible]-18-19	J-3256	540.0 U	540.0 U	1080.0 U	1080.0 U	1080.0 U	540.[illegible]	1080.0 U	540.0 U	540.0 U	540.0 U	1080.0 U	540.0 U	1080.0 U	[illegible]0.0 U	1080.0 U
[illegible]-18-24A	J-3257	512.0 U	512.0 U	1024.0 U	1024.0 U	1024.0 U	512.[illegible]	1024.0 U	512.0 U	512.0 U	512.0 U	1024.0 U	512.0 U	1024.0 U	[illegible].0 U	1024.0 U

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-SB-18-24B	J-3258	508.0 U	508.0 U	1016.0 U	1016.0 U	1016.0 U	508.0 U	1016.0 U	508.0 U	508.0 U	508.0 U	1016.0 U	508.0 U	1016.0 U	508.0 U	1016.0 U
WP-SB-19-0	J-3291	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U	493.0 U
WP-SB-19-9	J-3292	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U	598.0 U
WP-SB-19-14	J-3293	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U	544.0 U
WP-SB-19-19	J-3294	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	U U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U	807.0 U
WP-SB-19-24	J-3295	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U
WP-SB-19-29	J-3296	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U	600.0 U
WP-SB-19-34	J-3297	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U	626.0 U
WP-SB-19-39	J-3298	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U	512.0 U
WP-SB-19-46	J-3299	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U	479.0 U
WP-SB-20-0	J-3287	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U	524.0 U
WP-SB-20-9	J-3288	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U	527.0 U
WP-SB-20-19	J-3289	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U	574.0 U
WP-SB-20-29	J-3290	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U	515.0 U
GROUNDWATER SAMPLES																
WP-GW-01	J-4565	10.0 U	10.0 U	15.0 U	15.0 U	13.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-GW-02	J-4566	10.0 U	10.0 U	15.0 U	15.0 U	13.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-GW-03	J-4567	10.0 M	10.0 U	15.0 U	15.0 U	13.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-MW-34A	J-4578	11.000 U	11.000 U	22.000 U	22.000 U	22.000 U	22.000 U	22.000 U	11.000 U	11.000 U	11.000 U	22.000 U	11.000 U	22.000 U	11.000 U	22.000 U
WP-MW-34B	J-4577	22.000 U	22.000 U	44.000 U	44.000 U	44.000 U	44.000 U	44.000 U	22.000 U	22.000 U	22.000 U	44.000 U	22.000 U	44.000 U	22.000 U	44.000 U
WP-MW-35	J-4576	9.000 K	9.000 U	18.000 U	18.000 U	18.000 U	18.000 U	18.000 U	9.000 U	9.000 U	9.000 U	18.000 U	9.000 U	18.000 U	9.000 U	18.000 U

NOTE: 1. GW-01, 02, AND 03 WERE COLLECTED FROM ONSITE MONITORING WELLS MB-01, 02, AND 03 RESPECTIVELY. GW-03 WAS COLLECTED FROM THE 68 FOOT DEPTH PORTAL OF THE WEST BAY MULTIPLE PORT SAMPLER IN MB-03. MB-01 IS A 4-INCH WELL SCREENED AT 75 TO 95 FEET. MB-02 IS A 4-INCH WELL ADJACENT TO MB-01 AND SCREENED AT 35 TO 55 FEET.

2. MW-34 AND 35 ARE OFFSITE WELLS INSTALLED IN JUNE, 1983. MW-34 IS A CLUSTER WELL CONSISTING OF 34A AND 34B. MW-34A IS A 2-INCH WELL SCREENED AT 52 TO 62 FEET. MW-34B IS A 4-INCH WELL SCREENED AT 124 TO 134 FEET. MW-35 IS A 4-INCH WELL SCREENED AT 55 TO 75 FEET.

FILENAME:ORGBLNKS
WESTERN PROCESSING
5/84 TO 7/84
ORGANICS DATA
FOR TRANSPORT BLANKS
CONCENTRATIONS IN UG/KG

SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLOROETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLOROETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUORDTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
BLANK	J-3499	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2900.0	2.5 U	2.5 U	2.5 U	2.5 U
BLANK	J-3500	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	650.0	2.5 U	2.5 U	2.5 U	2.5 U
BLANK	J-4561	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	8.0 M	10.0 U	NT	5.0 U	5.0 U
BLANK	J-4562	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	7.0 M	10.0 U	NT	5.0 U	5.0 U
BLANK	J-4563	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	10.0 M	10.0 U	NT	5.0 U	5.0 U
BLANK	J-4564	5.0 U	5.0 U	5.0 U	5.0 U	10.0 U	5.0 U	5.0 U	5.0 U	8.0 M	10.0 U	NT	5.0 U	5.0 U
BLANK	J-3225	2.5 U	2.5 U	2.5 M	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	1500.0	2.5 U	2.5 U	2.5 U	2.5 U

FILENAME:ORGBLNKS
WESTERN PROCESSING
5/84 TO 7/84
ORGANICS DATA
FOR TRANSPORT BLANKS
CONCENTRATIONS IN UG/KG

SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
BLANK	J-3499	2.5 U	50.0 U	100.0 U	5.0 U	50.0 U	50.0 U	2.5 U	2.5 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U
BLANK	J-3500	2.5 U	50.0 U	100.0 U	5.0 U	50.0 U	50.0 U	2.5 U	2.5 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U
BLANK	J-4561	5.0 U	33.0	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	14.000 U	14.000 U	28.50 U	14.000 U	14.000 U	14.000 U	14.000 U
BLANK	J-4562	5.0 U	50.0	5.0 U	1.0 U	5.0 U	5.0 M	5.0 U	5.0 U	14.700 U	14.700 U	29.41 U	14.700 U	14.700 U	14.700 U	14.700 U
BLANK	J-4563	5.0 U	20.0 M	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	15.000 U	15.000 U	30.30 U	15.000 U	15.000 U	15.000 U	15.000 U
BLANK	J-4564	5.0 U	40.0 M	5.0 U	1.0 U	5.0 U	5.0 M	5.0 U	5.0 U	14.700 U	14.700 U	29.41 U	14.700 U	14.700 U	14.700 U	14.700 U
BLANK	J-3225	16.0	50.0	100.0 U	5.0 U	50.0 U	50.0 U	2.5 U	2.5 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U

FILENAME:ORGBLNKS
WESTERN PROCESSING
5/84 TO 7/84
ORGANICS DATA
FOR TRANSPORT BLANKS
CONCENTRATIONS IN UG/KG

SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
BLANK	J-3499	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	400.0 U	4000.0 U	2000.0 U	800.0 U	800.0 U	400.0 U	4000.0 U	400.0 U	400.0 U
BLANK	J-3500	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	400.0 U	4000.0 U	2000.0 U	800.0 U	800.0 U	400.0 U	4000.0 U	400.0 U	400.0 U
BLANK	J-4561	14.000 U	142.80 U	285.7 U	285.7 U	571.4 U	3230.0 U	16150.0 U	16150.0 U	6460.0 U	3230.0 U	3230.0 U	32300.0 U	1615.0 U	1615.0 U
BLANK	J-4562	14.700 U	147.10 U	294.1 U	294.1 U	588.2 U	3330.0 U	16650.0 U	16650.0 U	6660.0 U	3330.0 U	3330.0 U	33300.0 U	1665.0 U	1665.0 U
BLANK	J-4563	15.000 U	151.50 U	303.0 U	303.0 U	606.0 U	3330.0 U	16650.0 U	16650.0 U	6660.0 U	3330.0 U	3330.0 U	33300.0 U	1665.0 U	1665.0 U
BLANK	J-4564	14.700 U	147.00 U	294.1 U	294.1 U	588.0 U	2860.0 U	14300.0 U	14300.0 U	5720.0 U	2860.0 U	2860.0 U	28600.0 U	1430.0 U	1430.0 U
BLANK	J-3225	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	400.0 U	4000.0 U	2000.0 U	800.0 U	800.0 U	400.0 U	4000.0 U	400.0 U	400.0 U

FILENAME:ORGBLNKS
WESTERN PROCESSING
5/84 TO 7/84
ORGANICS DATA
FOR TRANSPORT BLANKS
CONCENTRATIONS IN UG/KG

SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE
BLANK	J-3499	4000.0 U	400.0 U	1600.0 U	400.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
BLANK	J-3500	4000.0 U	400.0 U	1600.0 U	400.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U
BLANK	J-4561	32300.0 U	3230.0 U	12920.0 U	3230.0 U	6460.0 U	6460.0 U	3230.0 U	3230.0 U	3230.0 U	3230.0 U	3230.0 U	3230.0 U	3230.0 U	3230.0 U
BLANK	J-4562	33300.0 U	3330.0 U	13320.0 U	3330.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U
BLANK	J-4563	33300.0 U	3330.0 U	13320.0 U	3330.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U	3330.0 U
BLANK	J-4564	28600.0 U	2860.0 U	11440.0 U	2860.0 U	5720.0 U	5720.0 U	2860.0 U	2860.0 U	2860.0 U	2860.0 U	2860.0 U	2860.0 U	2860.0 U	2860.0 U
BLANK	J-3225	4000.0 U	400.0 U	1600.0 U	400.0 U	800.0 U	800.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U	400.0 U

FILENAME:ORGBLNKS
WESTERN PROCESSING
5/84 TO 7/84
ORGANICS DATA
FOR TRANSPORT BLANKS
CONCENTRATIONS IN UG/KG

SAMPLE NO.	TRAFFIC REPORT NO.	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	INDENO(1,2,3-cd)-PYRENE	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
BLANK	J-3499	400.0 U	400.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
BLANK	J-3500	400.0 U	400.0 U	800.0 U	800.0 U	800.0 U	400.0 U	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U
BLANK	J-4561	3230.0 U	3230.0 U	6460.0 U	6460.0 U	6460.0 U	3230.0 U	6460.0 U	3230.0 U	3230.0 U	3230.0 U	6460.0 U	3230.0 U	6460.0 U	3230.0 U	6460.0 U
BLANK	J-4562	3330.0 U	3330.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U
BLANK	J-4563	3330.0 U	3330.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	6660.0 U	3330.0 U	3330.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U	3330.0 U	6660.0 U
BLANK	J-4564	2860.0 U	2860.0 U	5720.0 U	5720.0 U	5720.0 U	5720.0 U	5720.0 U	2860.0 U	2860.0 U	2860.0 U	5720.0 U	2860.0 U	5720.0 U	2860.0 U	5720.0 U
BLANK	J-3225	400.0 U	400.0 M	800.0 M	800.0 M	800.0 M	400.0 M	800.0 U	400.0 U	400.0 U	400.0 U	800.0 U	400.0 U	800.0 U	400.0 U	800.0 U

APPENDIX H.

Summary of EPA Manchester Laboratory Data

APPENDIX I.

Summary of Tentatively Identified Compounds Analyzed by CLP

EB0219

FILENAME:MANORG
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
LABORATORY IN MANCHESTER, WASHINGTON FOR ORGANIC PRIORITY
SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
ALL CONCENTRATIONS IN MG/KG ON A DRY WEIGHT BASIS
NOTE: ONLY PRIORITY POLLUTANTS DETECTED HAVE BEEN LISTED

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	BENZENE	CHLOROBENZENE	1,1,1-TRI-CHLORODETHANE	1,1-DICHLORO-ETHANE	1,1,2,2-TETRA-CHLORODETHANE	CHLOROFORM	TRANS-1,2 DICHLOROETHENE	ETHYLBENZENE	METHYLENE CHLORIDE	CHLOROMETHANE	FLUORDTRICHLORO METHANE	TETRACHLORO-ETHENE	TOLUENE
WP-MB-01-80M	J-4673	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	5.200 U	NT	NT	5.200 U	5.200 U
WP-MB-03-10M	J-4689	8.500 U	14.000	110.000	18.000	8.500 U	8.500 U	8.500 U	440.000	79.000	NT	NT	550.000	8.500 U
WP-IB-01-19M	J-4780	6.600 U	6.600 U	6.600 U	6.600 U	6.600 U	6.600 U	6.600 U	6.600 U	6.600 U	NT	NT	6.600 M	6.600 U
WP-IB-02-39M	J-4792	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	5.000 U	NT	NT	5.000 M	5.000 U
WP-IB-03-09M	*	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	3.300 U	NT	NT	3.300 U	3.300 U
WP-IB-03-59M	J-4560	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	4.000 U	9.300	4.000 U	4.000 U	NT	NT	4.000 U	4.000 U
WP-SB-01-14M	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-04-29M	J-3498	7.800 U	7.800 U	7.800 U	7.800 U	7.800 M	7.800 U	7.800 U	7.800 U	7.800 U	NT	NT	7.800 M	7.800 U
WP-SB-05-34M	J-4762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-08-09M	J-3207	12.000	6.900 U	6.900 U	6.900 U	6.900 U	6.900 U	6.900 U	6.900 M	231.000	NT	NT	6.900 M	18.000
WP-SB-09-00M	J-4770	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	4.700 U	NT	NT	4.700 U	4.700 U
WP-SB-09-19M	J-4797	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	4.800 U	NT	NT	4.800 M	4.800 U
WP-SB-09-34M	J-4774	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	4.600 U	NT	NT	4.600 M	4.600 U
WP-SB-11-19BM	J-3216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-00M	*	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	NT	NT	4.300 U	4.300 U
WP-SB-14-04M	J-3239	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	5.600 U	NT	NT	5.600 U	5.600 U
WP-SB-16-14M	J-3234	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-16-19M	J-3235	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	NT	NT	4.900 U	11.000
WP-SB-19-34M	J-3297	7.800 U	7.800 U	7.800 U	7.800 U	7.800 U	7.800 U	7.800 U	7.800 U	7.800 U	NT	NT	7.800 U	7.800 U

* INDICATES THAT SAMPLE WAS NOT PREVIOUSLY SUBMITTED TO THE EPA CONTRACT LABORATORY PROGRAM PRIOR TO ANAYLSIS AT THE MANCHESTER LABORATORY. NO TRAFFIC REPORT NUMBER IS AVAILABLE.

UPDATED 10-Dec-84

FILENAME:MANORG
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
LABORATORY IN MANCHESTER, WASH OR ORGANI ORITY
SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
ALL CONCENTRATIONS IN MG/KG ON A DRY WEIGHT BASIS
NOTE: ONLY PRIORITY POLLUTANTS DETECTED HAVE BEEN LISTED

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	TRICHLOROETHENE	ACETONE	2-BUTANONE	CARBONDISULFIDE	2-HEXANONE	4-METHYL-2-PENTANONE	STYRENE	TOTAL XYLENES	ALDRIN	DIELDRIN	4,4'-DDT	4,4'-DDE	ENDRIN	HEPTACHLOR	HEPTACHLOR EPOXIDE
WP-MB-01-80M	J-4673	5.200 U	48.000 U	5.200 U	24.000	89.000 U	5.200 U	5.200 U	5.200 U	NT	NT	NT	NT	NT	NT	NT
WP-MB-03-10M	J-4689	1800.000	9400.000	64000.000	14.000	8.500 U	8.500 U	7100.000	950.000	NT	NT	NT	NT	NT	NT	NT
WP-IB-01-19M	J-4780	610.000	85.000 U	28.000 U	12.000	130.000 U	6.600 U	6.600 U	6.600 U	NT	NT	NT	NT	NT	NT	NT
WP-IB-02-39M	J-4792	5.000 M	56.000 U	5.000 U	5.000 M	5.000 U	5.000 U	5.000 U	5.000 U	NT	NT	NT	NT	NT	NT	NT
WP-IB-03-09M	*	3.300 U	21.000 U	3.300 U	3.300 M	3.300 U	3.300 U	3.300 U	3.300 U	NT	NT	NT	NT	NT	NT	NT
WP-IB-03-59M	J-4560	4.000 M	4.000 U	4.000 U	4.000 M	4.000 U	4.000 U	4.000 U	4.000 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-01-14M	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-04-29M	J-3498	7.800 U	33.000 U	34.000 U	7.800 U	110.000 U	30.000 U	7.800 U	7.800 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-05-34M	J-4762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-08-09M	J-3207	820.000	330.000	200.000	6.900 M	54.000 U	37.000 U	6.900 U	6.900 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-09-00M	J-4770	4.700 U	4.700 U	11.000 U	4.700 M	34.000 U	4.800 U	4.700 U	4.700 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-09-19M	J-4797	4.800 U	4.800 U	4.800 U	11.000	4.800 U	4.800 U	4.800 U	4.800 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-09-34M	J-4774	7.700	4.600 U	11.000 U	4.600 M	4.600 U	4.600 U	4.600 U	4.600 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-11-198M	J-3216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-00M	*	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	4.300 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-14-04M	J-3239	5.600 U	120.000	5.600 U	5.600 U	17.000 U	14.000 U	5.600 U	5.600 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-16-14M	J-3234	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-16-19M	J-3235	4.900 U	670.000	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	4.900 U	NT	NT	NT	NT	NT	NT	NT
WP-SB-19-34M	J-3297	7.800 U	94.000 U	20.000 U	7.800 U	28.000 U	7.800 U	7.800 U	7.800 U	NT	NT	NT	NT	NT	NT	NT

FILENAME:MANORG
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
LABORATORY IN MANCHESTER, WASHINGTON FOR ORGANIC PRIORITY
SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
ALL CONCENTRATIONS IN MG/KG ON A DRY WEIGHT BASIS
NOTE: ONLY PRIORITY POLLUTANTS DETECTED HAVE BEEN LISTED

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	LINDANE	PCB-1242	PCB-1254	PCB-1248	PCB-1260	2,4-DIMETHYL-PHENOL	4-NITROPHENOL	2,4-DINITRO-PHENOL	4,6-DINITRO-2-METHYL PHENOL	PENTA-CHLOROPHENOL	PHENOL	BENZOIC ACID	2-METHYL PHENOL	4-METHYL PHENOL
WP-MB-01-80M	J-4673	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	120.0	20.0 U	10.0 U	10.0 U
WP-MB-03-10M	J-4689	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	4400.0	8100.0	10.0 U	10.0 U
WP-IB-01-19M	J-4780	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	580.0	20.0 U	10.0 U	10.0 U
WP-IB-02-39M	J-4792	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-IB-03-09M	*	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-IB-03-59M	J-4560	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-01-14M	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-04-29M	J-3498	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-05-34M	J-4762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-08-09M	J-3207	NT	NT	NT	NT	NT	3400.0	10.0 U	10.0 U	NT	20.0 U	12000.0	20.0 U	60000.0	8400.0
WP-SB-09-00M	J-4770	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	85.0	20.0 U	10.0 U	10.0 U
WP-SB-09-19M	J-4797	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-09-34M	J-4774	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-11-19BM	J-3216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-13-00M	*	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-14-04M	J-3239	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	170.0	20.0 U	50.0	34.0
WP-SB-16-14M	J-3234	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
WP-SB-16-19M	J-3235	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U
WP-SB-19-34M	J-3297	NT	NT	NT	NT	NT	10.0 U	10.0 U	10.0 U	NT	20.0 U	10.0 U	20.0 U	10.0 U	10.0 U

UPDATED 10-Dec-84

FILENAME:MANORG
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
LABORATORY IN MANCHESTER, WASHINGTON FOR ORGANIC PRIORITY
SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
ALL CONCENTRATIONS IN MG/KG ON A DRY WEIGHT BASIS
NOTE: ONLY PRIORITY POLLUTANTS DETECTED HAVE BEEN LISTED

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	2,4,5-TRICHLORO-PHENOL	ACENAPHTHENE	BENZIDINE	1,2-DICHLORO-BENZENE	1,4-DICHLORO BENZENE	3,3-DICHLORO-BENZIDINE	2,4-DINITRO-TOLUENE	FLUORANTHENE	ISOPHORONE	NAPHTHALENE	N-NITROSO-DIMETHYLAMINE	N-NITROSODI-PHENYLAMINE	Bis-(2-ETHYLHEXYL) PHTHALATE	BUTYL BENZYL PHTHALATE
WP-MB-01-80M	J-4673	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	80.0 U	10.0 U
WP-MB-03-10M	J-4689	10.0 U	10.0 U	500.0 U	1800.0	330.0	10.0 U	10.0 U	3900.0	10.0 U	2200.0	NT	30.0 U	10.0 U	10.0 U
WP-IB-01-19M	J-4780	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-IB-02-39M	J-4792	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-IB-03-09M	*	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-IB-03-59M	J-4560	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	21.0	10.0 U	10.0 U	NT	30.0 U	400.0	10.0 U
WP-SB-01-14M	*	ND	ND	ND	ND	10.0 U	ND	ND	ND	10.0 U	ND	ND	ND	ND	ND
WP-SB-04-29M	J-3498	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-SB-05-34M	J-4762	ND	ND	ND	ND	10.0 U	ND	ND	ND	10.0 U	ND	ND	ND	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND	10.0 U	ND	ND	ND	10.0 U	ND	ND	ND	ND	ND
WP-SB-08-09M	J-3207	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	210.0	10.0 U
WP-SB-09-00M	J-4770	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	81.0	30.0	39.0	NT	30.0 U	10.0 U	10.0 U
WP-SB-09-19M	J-4797	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-SB-09-34M	J-4774	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	110.0 U	10.0 U
WP-SB-11-19BM	J-3216	ND	ND	ND	ND	10.0 U	ND	ND	ND	10.0 U	ND	ND	ND	ND	ND
WP-SB-13-00M	*	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	210.0	10.0 U	10.0 U	NT	30.0 U	450.0	10.0 U
WP-SB-14-04M	J-3239	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	19.0	10.0 U	15.0	NT	30.0 U	36.0	10.0 U
WP-SB-16-14M	J-3234	ND	ND	ND	ND	10.0 U	ND	ND	ND	10.0 U	ND	ND	ND	ND	ND
WP-SB-16-19M	J-3235	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U
WP-SB-19-34M	J-3297	10.0 U	10.0 U	500.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	NT	30.0 U	10.0 U	10.0 U

FILENAME:MANOR6
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
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SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
ALL CONCENTRATIONS IN MG/KG ON A DRY WEIGHT BASIS
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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	DI-N-BUTYL PHTHALATE	DI-N-OCTYL PHTHALATE	DIETHYL PHTHALATE	BENZO(a)-ANTHRACENE	BENZO(a)-PYRENE	BENZO(b)-FLUORANTHENE	BENZO(k)-FLUORANTHENE	CHRYSENE	BENZO(ghi)-PERYLENE	ACENAPHTHYLENE	FLUORENE	PHENANTHRENE	DIBENZO(A,H) ANTHRACENE	INDENO(1,2,3-cd)-PYRENE	PYRENE
WP-MB-01-80M	J-4673	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-03-10M	J-4689	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	520.0	10.0 U	10.0 U	10.0 U	2400.0	10.0 U	10.0 U	10.0 U
WP-IB-01-19M	J-4780	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-02-39M	J-4792	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-03-09M	*	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-03-59M	J-4580	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	39.0	10.0 U	10.0 U	21.0
WP-SB-01-14M	*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0 U	ND	ND
WP-SB-04-29M	J-3498	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-05-34M	J-4762	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0 U	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0 U	ND	ND
WP-SB-08-09M	J-3207	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	280.0 *	280.0 *	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-09-00M	J-4770	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	90.0 *	90.0 *	76.0	10.0 U	10.0 U	10.0 U	130.0	10.0 U	10.0 U	74.0
WP-SB-09-19M	J-4797	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-09-34M	J-4774	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-11-19BM	J-3216	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0 U	ND	ND
WP-SB-13-00M	*	20.0 U	10.0 U	10.0 U	100.0	130.0	210.0 *	210.0 *	120.0	10.0 U	10.0 U	10.0 U	120.0	10.0 U	10.0 U	280.0
WP-SB-14-04M	J-3239	20.0 U	10.0 U	10.0 U	22.0	10.0 U	44.0 *	44.0 *	22.0	10.0 U	10.0 U	10.0 U	56.0	38.0	38.0	15.0
WP-SB-16-14M	J-3234	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	10.0 U	ND	ND
WP-SB-16-19M	J-3235	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-19-34M	J-3297	20.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U*	10.0 U*	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U

UPDATED 10-Dec-84

FILENAME:MANORG
WESTERN PROCESSING
5/84 TO 7/84
REANALYSIS OF SELECTED SOIL SAMPLES AT THE EPA REGION X
LABORATORY IN MANCHESTER, WASHINGTON FOR ORGANIC PRIORITY
SOIL POLLUTANTS (NOTE: INORGANIC ANALYSES WERE NOT PERFORMED).
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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	PYRENE	BENZYL ALCOHOL	DIBENZOFURAN	2-METHYL-NAPHTHALENE
WP-MB-01-80M	J-4673	10.0 U	10.0 U	10.0 U	10.0 U
WP-MB-03-10M	J-4689	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-01-19M	J-4780	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-02-39M	J-4792	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-03-09M	*	10.0 U	10.0 U	10.0 U	10.0 U
WP-IB-03-59M	J-4560	21.0	10.0 U	10.0 U	10.0 U
WP-SB-01-14M	*	ND	ND	ND	ND
WP-SB-04-29M	J-3498	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-05-34M	J-4762	ND	ND	ND	ND
WP-SB-06-29M	J-4768	ND	ND	ND	ND
WP-SB-08-09M	J-3207	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-09-00M	J-4770	74.0	10.0 U	10.0 U	19.0
WP-SB-09-19M	J-4797	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-09-34M	J-4774	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-11-198M	J-3216	ND	ND	ND	ND
WP-SB-13-00M	*	280.0	10.0 U	10.0 U	10.0 U
WP-SB-14-04M	J-3239	15.0	10.0 U	10.0 U	10.0 M
WP-SB-16-14M	J-3234	ND	ND	ND	ND
WP-SB-16-19M	J-3235	10.0 U	10.0 U	10.0 U	10.0 U
WP-SB-19-34M	J-3297	10.0 U	10.0 U	10.0 U	10.0 U

UPDATED 01-Dec-84

FILENAME:TICOMPND
WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
MB-01-05	J-4661	NONANE,2-METHYL	871-83-0	2900 J
MB-01-05	J-4661	1-DECANOL,2,2-DIMETHYL-	2370-15-2	5800 J
MB-01-05	J-4661	TETRADECANE	629-59-4	4500 J
MB-01-05	J-4661	DECANE	124-18-5	4600 J
MB-01-05	J-4661	OXANCYCLOTETRADECANE-2IL-DIONE,13-METHYL-	74685-36-2	32000 J
MB-01-05	J-4661	BICYCLO(3.1.1)HEPTANE,2,6,6-TRIMETHYL-3-(2-PROPENYL)-	50746-55-9	5500 J
MB-01-05	J-4661	DECANE,3-BROMO-	30571-71-2	6900 J
MB-01-05	J-4661	HEXADECANOIC ACID	57-10-3	3300 J
MB-01-05	J-4661	NONANE,2-METHYL	871-83-0	2100 J
MB-01-05	J-4661	DECANE,2,9-DIMETHYL	1002-17-1	5100 J
MB-01-05	J-4661	DECANE,2-METHYL-	6975-98-0	3600 J
MB-01-05	J-4661	DECANE,2.9-DIMETHYL	1002-17-1	5500 J
MB-01-05	J-4661	BENZALDEHYDE,4-HYDROXY-3 METHOXY-	121-33-5	6400 J
MB-01-05	J-4661	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	6100 J
MB-01-05	J-4661	DECANE	124-18-5	3700 J
MB-01-05	J-4661	DECANE,2,9-DIMETHYL	1002-17-1	6200 J
MB-01-05	J-4661	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	7800 J
MB-01-05	J-4661	OCTANE,2,4,6-TRIMETHYL-	62016-37-9	4600 J
MB-01-05	J-4661	BENZENE,1,4-DIMETHYL	106-42-3	36 J
MB-01-10	J-4662	DECANE	124-18-5	1800 J
MB-01-10	J-4662	PENTALENE,OCTAHYDRO-1-(2-OCTYLDECYL)-	55401-65-5	570 J
MB-01-10	J-4662	HEXADECANE	544-76-3	680 J
MB-01-10	J-4662	1-PROPANOL,2-(2-HYDROXPROPOXY)-	106-62-7	3300 J
MB-01-10	J-4662	HEPTANE,5-ETHYL,2-METHYL	13475-78-0	942 J
MB-01-10	J-4662	NONANE,2-METHYL-	871-83-0	380 J
MB-01-10	J-4662	4-HEPTANOL,3,4-DIMETHYL-	5406-10-0	380 J
MB-01-10	J-4662	4-HEXANOIC ACID,3-METHYL-2,6,-DIOXO	56771-77-8	470 J
MB-01-10	J-4662	NONADECANOL	52783-43-4	410 J
MB-01-10	J-4662	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	660 J
MB-01-10	J-4662	3-PENTANOL,3-ETHYL-	597-49-9	910 J
MB-01-10	J-4662	2-UNDECENOIC ACID,2-METHYL-3-OCTYL-METHYL ESTER	55133-84-1	100 J
MB-01-10	J-4662	OXIRANE,2-BUTYL-3METHYL-,CIS-	56052-43-8	3300 J
MB-01-10	J-4662	CYCLOHEXANOL,3,3,5-TRIMETHYL	116-02-9	1200 J
MB-01-10	J-4662	2,3-BORNANEDIOL,ENDO-2,EXO-3-	13837-85-9	650 J
MB-01-10	J-4662	PENTALENE,OCTAHYDRO-1-(2-OCTYLDECYL)-	55401-65-5	1200 J
MB-01-10	J-4662	NONANE,2-METHYL-	871-83-0	68 J
MB-01-10	J-4662	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	180 J
MB-01-10	J-4662	ETHANEDIOIC ACID, BIS(1-METHYLPROPYL)ESTER	13784-89-9	3000 J
MB-01-10	J-4662	1-HEPTANOL,2-PROPYL	10042-59-8	680 J

FILENAME:TICOMPND
WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
MB-01-15	J-4663	1-NONENE,4,6,8-TRIMETHYL-	54410-98-9	1800 J
MB-01-15	J-4663	CYCLOCTAINE,1,4-DIMETHYL,OLS-	13151-99-0	560 J
MB-01-15	J-4663	PROPANE,2-METHYL-1-NITRO	625-74-1	1200 J
MB-01-15	J-4663	DECANE,3,8-DIMETHYL-	17312-55-9	1000 J
MB-01-15	J-4663	NONADECANOL	52783-43-4	800 J
MB-01-15	J-4663	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	1700 J
MB-01-15	J-4663	2-PROPANOL,1-(1,3-DIMETHYLBUTOXY)-	54340-89-5	840 J
MB-01-15	J-4663	HEXADECANE	544-76-3	5400 J
MB-01-20	J-4664	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	30000 J
MB-01-20	J-4664	CYCLODODECANE	294-62-2	4000 J
MB-01-20	J-4664	BENZALDEHYDE,4-HYDROXY-3-METHOXY-	121-33-5	590 J
MB-01-20	J-4664	1,6,10-DODECATRIEN-3,01,3,7,11-TRIMETHYL-	7212-44-4	1500 J
MB-01-20	J-4664	1,2-BENZENEDICARBOXYLIC ACID, 3-NITRO	603-11-2	2600 J
MB-01-20	J-4664	1-NONENE,4,6,8-TRIMETHYL-	54410-98-9	2100 J
MB-01-20	J-4664	HEXADECANE	544-76-3	13000 J
MB-01-30	J-4666	CYCLOHEXANE,(2-((2-ETHYLHEXYL)OXY) ETHYL)-	55133-98-7	2900 J
MB-01-30	J-4666	OCTANE,3-CHLORO-	1117-79-9	680 J
MB-01-30	J-4666	CYCIOPENTANE,1-METHYL-3-(2-METHYLPROPYL)-	29053-04-1	910 J
MB-01-30	J-4666	1-PENTANOL-4-METHYL-2-PROPYL-	54004-41-0	1300 J
MB-01-30	J-4666	VENZALDEHYDE,4-HYDROXY-3-METHOXY-	121-33-5	470 J
MB-01-30	J-4666	1-NONENE,4,6,8-TRIMETHYL-	54410-98-9	1100 J
MB-01-30	J-4666	HEXADECANOIC ADIC	57-10-3	900 J
MB-01-30	J-4666	DECANE,2,9-DIMETHYL-	1002-17-1	2500 J
MB-01-30	J-4666	1-PROPENE,3-(ETHENYLOXY)-	3917-15-5	740 J
MB-01-35	J-4667	BENZALDEHYDE,4-HYDROXY-3,5-DIMETHOXY	134-96-3	440 J
MB-01-35	J-4667	HEXADECANOIC ACID	57-10-3	470 J
MB-01-35	J-4667	CYCLODECANE,METHYL-	13151-43-4	580 J
MB-01-35	J-4667	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	3400 J
MB-01-35	J-4667	BUTANIOC ACID,3-METHYL-2-OXO-,METHYLESTER	3952-67-8	1050 J
MB-01-35	J-4667	5-DODECEN-1-01	40642-38-4	1300 J
MB-01-35	J-4667	1-PENTANOL,4-METHYL-2-PROPYL-	5400-41-0	2600 J
MB-01-35	J-4667	AZULENE,OCTAHYDRO-DIMETHYL-METHYLETHYL-IOEN	88-84-6	1300 J
MB-01-35	J-4667	1,4-DIOXANE	123-91-1	5.6 J
MB-01-35	J-4667	1-PENTANOL,4-METHYL-2-PROPYL-	54004-41-0	3700 J
MB-01-35	J-4667	HEXADECANE	544-76-3	8000 J
MB-01-35	J-4667	BENZALDEHYDE,4-HYDROXY-3-METHOXY-	121-33-5	1600 J
MB-01-700	J-4672	OCTANE,3,5-DIMETHYL-	15869-93-9	1300 J
MB-01-700	J-4672	10-OCTADECENOIC ACID, METHYLESTER	13481-95-3	6900 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
MB-01-700	J-4672	DECANOIC ACID,8-METHYL-METHYLESTER	5129-64-6	970 J
MB-01-700	J-4672	NONANOIC ACID,7-METHYL-METHYLESTER	5129-63-5	880 J
MB-01-80	J-4673	2-FURANOL,TETRAHYDRO	5371-52-8	780 J
MB-01-80	J-4673	NONANE,5-(2-METHYLPROPYL)-	62185-53-4	310 J
MB-01-80	J-4673	1-DODECANE	765-03-7	450 J
MB-01-80	J-4673	SULFUR,MOL	10544-50-0	1800 J
MB-01-90	J-4674	PENTANE 2,2,3,4-TETRAMETHYL	1186-53-4	17 J
MB-02-05	J-4677	ETHANOL,2-(2-METHOXYETHOXY)-	111-77-3	510 J
MB-02-05	J-4677	ETHANOL,2,2-(1,2-ETHANEDIYLBIS(OXY)BIS-	112-27-6	9900 J
MB-02-05	J-4677	ETHANOL,2,2-(1,2-ETHANEDIYLBIS(OXY))BIS-	112-27-6	1600 J
MB-02-05	J-4677	ETHANOL,1-(2-BUTOXYETHOXY)-	54446-78-5	2100 J
MB-02-05	J-4677	1 PROPANOL,2-(2-HYDROXYPROPOXY)-	106-62-7	5800 J
MB-02-10	J-4678	SULFUR,MOL (S8)	10544-50-0	460 J
MB-02-15	J-4679	ETHANOL,2-(2-METHOXYETHOXY)-	111-77-3	560 J
MB-02-15	J-4679	2-PROPANOL,1,1-OXYBIS-	110-98-5	630 J
MB-02-15	J-4679	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	1400 J
MB-02-15	J-4679	SULFUR, MOL (S8)	10544-50-0	780 J
MB-02-25	J-4681	PERYLENE	198-55-0	440 J
MB-02-25	J-4681	1-EICOSANOL	629-96-9	730 J
MB-03-000	J-4687	DECANE	124-18-5	1100 J
MB-03-000	J-4687	BENZENE,1-ETHYL-2-METHYL-	611-14-3	800 J
MB-03-000	J-4687	ETHANOL,2-ETHOXY-,ACETATE	111-15-9	560 J
MB-03-000	J-4687	OCTADECANE	593-45-3	740 J
MB-03-000	J-4687	BENZENE,1,3-DIMETHYL-	108-38-3	3200 J
MB-03-000	J-4687	PENTACOSANE	629-99-2	790 J
MB-03-000	J-4687	UNDECANE	1120-21-4	630 J
MB-03-000	J-4687	EICOSANE	112-95-8	870 J
MB-03-000	J-4687	BENZENE,ETHYL-	100-41-4	790 J
MB-03-005	J-4688	BICYCLO-2,2,1-HEPTANE,2,2-DIMETHYL-3-METHYLENE-	79-92-5	5 J
MB-03-005	J-4688	PENTATRIACONTANE	630-07-9	2400 J
MB-03-005	J-4688	1-PENTANOL,2,2-DIMETHYL-	2370-12-9	810 J
MB-03-005	J-4688	HEXATRIACONTANE	630-06-8	890 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
MB-03-005	J-4688	HEPTADECANE,2,6,10,15-TETRAMETHYL-	54833-48-6	820 J
MB-03-005	J-4688	HEXATRIACONTANE	630-06-8	390 J
MB-03-005	J-4688	TETRACONTANE,3,5,24-TRIMETHYL	55162-61-3	1600 J
MB-03-005	J-4688	PENTATRIACONTANE	630-07-9	2500 J
MB-03-005	J-4688	TETRADECANE,4-ETHYL-	55045-14-2	760 J
MB-03-010	J-4689	PENTALENE,OCTAHYDRO-2-METHYL-	3868-64-2	50000 J
MB-03-010	J-4689	HEXATRIACONTANE	630-06-8	5500 J
MB-03-010	J-4689	OCTADECANE	593-45-3	6500 J
MB-03-010	J-4689	OCTANE,2,5-DIMETHYL-	15869-89-3	11000 J
MB-03-010M	J-4689	2-PROPANOL	67-63-0	5200 J
MB-03-010M	J-4689	1-ETHYL-3-METHYLBENZENE	611-14-3	22000 J
MB-03-010M	J-4689	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	76-13-1	1900 J
MB-03-010M	J-4689	ETHYLCYCLOPENTANE	1640-89-7	560 J
MB-03-010M	J-4689	2,3,3-TRIMETHYLHEXANE	16747-28-7	580 J
MB-03-010M	J-4689	1,1,2,2-TETRACHLORO-1,2-F2 ETHANE	76-12-0	180 J
MB-03-010M	J-4689	BENZALDEHYDE	100-52-7	2500 J
MB-03-010M	J-4689	ETHYLCYCLOHEXANE	1678-91-7	1400 J
MB-03-010M	J-4689	NAPHTHALENE,DECAHYDRO-2-METHYL	2958-76-1	5100 J
MB-03-010M	J-4689	TRANS-1,2-DIMETHYLCYCLOHEXANE	6876-23-9	320 J
MB-03-010M	J-4689	1,2,3-TRIMETHYLBENZENE	526-73-8	12000 J
MB-03-010M	J-4689	TRANS-1-ETHYL-4-METHYLCYCLOHEXANE	6236-88-0	2000 J
MB-03-010M	J-4689	BENZENE,1-METHYL-4-PROPYL-	1074-55-1	6900 J
MB-03-010M	J-4689	2,2,3-TRIMETHYLCYCLOBUTANONE	1449-49-6	560 J
MB-03-010M	J-4689	BENZENE,1-METHYL,4-(1-METHYLETHYL)-	99-87-6	2000 J
MB-03-010M	J-4689	1-HEXENE	592-41-6	4300 J
MB-03-010M	J-4689	BENZENE,1,2,3,4-TETRAMETHYL	488-23-3	1700 J
MB-03-010M	J-4689	NAPHTHALENE,1-ETHYL	1127-76-0	2900 J
MB-03-010M	J-4689	NAPHTHALENE,1-METHYL	90-12-0	6900 J
MB-03-010M	J-4689	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	5000 J
MB-03-010M	J-4689	CYCLOHEXANE,HEXYL-	4292-75-5	6100 J
MB-03-010M	J-4689	NAPHTHALENE,2,3-DIMETHYL	581-40-8	8600 J
MB-03-010M	J-4689	PHOSPHORIC ACID,2-ETHYL-BENZYL DIPHENYL ESTER	1241-94-7	4800 J
MB-03-010M	J-4689	BENZENE,2-BUTENYL	1560-06-1	3700 J
MB-03-025A	J-4692	HEXADECANOIC ACID	57-10-3	650 J
MB-03-025B	J-4693	HEXADECANOIC ACID	57-10-3	1400 J
MB-03-070	J-4698	ETHANE,1,1,2,2-TETRACHLORO-	79-34-5	820 J
MB-03-090	J-4700	ETHANE,1,1,2,2-TETRACHLORO-	79-34-5	850 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
MB-03-090	J-4780	DECANE,5-ETHYL-5-METHYL-	17312-74-2	1600 J
MB-03-090	J-4780	HEXADECANOL	29354-98-1	5500 J
MB-03-090	J-4780	DECANE,1-CHORO-	1002-69-3	420 J
MB-03-090	J-4780	JENEICOSANE,1-CYCLOPENTYL-	6703-82-8	1400 J
MB-03-090	J-4780	1-HEXADECENE	629-73-2	4400 J
MB-03-090	J-4780	1-HEPTADECANOL	1454-85-9	4400 J
MB-03-100	J-4751	ETHANE,1,1,2,2-TETRACHLORO-	79-34-5	710 J
MB-03-100	J-4751	1,3,5-CYCLOHEPTATRIENE	544-25-2	470 J
IB-01-00	J-4776	UNKNOWN		511 J
IB-01-00	J-4776	UNKNOWN		275 J
IB-01-00	J-4776	UNKNOWN		126031 J
IB-01-09	J-4778	UNKNOWN		435 J
IB-01-14	J-4779	UNKNOWN		3453 J
IB-01-19	J-4780	UNKNOWN		1962 J
IB-01-19	J-4780	UNKNOWN		45924 J
IB-01-19	J-4780	UNKNOWN		1313 J
IB-01-19	J-4780	UNKNOWN		716 J
IB-01-19	J-4780	UNKNOWN		2054 J
IB-01-19	J-4780	UNKNOWN		573 J
IB-01-19M	J-4780	1,2-DICHLOROETHENE(2)	156-59-2	7.2 J
IB-01-19M	J-4780	BENZO(E)PYRENE	192-97-2	480 J
IB-01-19M	J-4780	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	280 J
IB-01-19M	J-4780	TETRA HYDROFURAN	109-99-9	260 J
IB-01-59	J-4785	UNKNOWN		5919 J
IB-02-00	J-4786	UNKNOWN		38 J
IB-02-14	J-4789	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	42243 J
IB-02-14	J-4789	UNKNOWN		49 J
IB-02-19	J-4790	UNKNOWN		2462 J
IB-02-19	J-4790	UNKNOWN		103385 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
IB-02-24	J-3202	UNKNOWN		727 J
IB-02-24	J-3202	UNKNOWN		1115 J
IB-02-24	J-3202	UNKNOWN		317 J
IB-02-29	J-4791	UNKNOWN		735 J
IB-02-29	J-4791	UNKNOWN		58 J
IB-02-34	J-3203	UNKNOWN		2049 J
IB-02-34	J-3203	UNKNOWN		36 J
IB-02-34	J-3203	UNKNOWN		384 J
IB-02-39	J-4792	UNKNOWN		70 J
IB-02-39M	J-4792	1,2-DICHLOROETHENE(2)	156-59-2	2.2 J
IB-02-39M	J-4792	BENZO(E)PYRENE	192-97-2	210 J
IB-02-44	J-3204	UNKNOWN		75407 J
IB-02-44	J-3204	UNKNOWN		2021 J
IB-02-54A	J-4794	UNKNOWN		24096 J
IB-02-54B	J-4795	UNKNOWN		11765 J
IB-02-59	J-3205	UNKNOWN		338 J
IB-02-59	J-3205	UNKNOWN		78 J
IB-03-00	J-4550	1,4-DIOXANE	123-91-1	350 J
IB-03-04	J-4551	1,4-DIOXANE	123-91-1	21 J
IB-03-09M	NA	BENZO(E)PYRENE	192-97-2	38 J
IB-03-49	J-4558	1,4-DIOXANE	123-91-1	35 J
IB-03-59M	J-4560	1,2-DICHLOROETHENE(2)	156-59-2	120 J
SB-01-00	J-3279	PHENOL,4-(1,1,2,2-TETRAMETHYLBUTYL)-	140-66-9	420 J
SB-01-04	J-3280	1,2-BENZENEDICARBOXYLICACID,DIPROPYLESTER	131-16-0	1200 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-01-04	J-3280	1,2-BENZENEDICARBOXYLICACID,DIPENTYLESTER	131-16-0	2600 J
SB-01-04	J-3280	5,ALPHA,-FUROST-20(22)-EN-26-OL,ACETATE,(25R)	24744-53-4	390 J
SB-01-04	J-3280	1,2-BENZENEDICARBOXYLICACID,DIPENTYLESTER	131-18-0	860 J
SB-01-04	J-3280	BUTANEDIOICACID,CHLORO-BIS(1-METHYLPROPYL)ESTER	57983-51-4	270 J
SB-01-04	J-3280	DODECANE,1,1-THIOBIS	2469-45-6	530 J
SB-01-04	J-3280	HEXADECANOICACID,(2-PENTADECYL-1,3-DIOXOLAN-4-YL)MET	41563-11-5	300 J
SB-01-14M	NA	3,5-DIMETHYLPHENOL	108-68-9	190 J
SB-01-14M	NA	BENZO(E)PYRENE	192-97-2	490 J
SB-01-14M	NA	3,4-DIMETHYLPHENOL	95-65-8	34 J
SB-01-14M	NA	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	11000 J
SB-01-24A	J-3284	1H-INDEN-1-OL,2,3-DIHYDRO	6351-10-6	680 J
SB-01-24B	J-3285	SULFUR,MOL.(S8)	10544-50-0	820 J
SB-01-29	J-3286	CYCLOHEXANE	110-82-7	40000 J
SB-02-00	J-3274	UNKNOWN		430 J
SB-02-00	J-3274	UNKNOWN		690 J
SB-02-00	J-3274	BENZENEETHANOL,3-HYDROXY	13398-94-2	860 J
SB-02-00	J-3274	UNKNOWN		1400 J
SB-02-00	J-3274	UNKNOWN		650 J
SB-02-00	J-3274	UNKNOWN		730 J
SB-02-00	J-3274	1-HEPTADECANOL	1454-85-9	7100 J
SB-02-09	J-3275	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	2700 J
SB-02-09	J-3275	PERYLENE	198-55-0	610 J
SB-02-29	J-3278	ETHANE,1,1,2,2-TETRACHLORO-	79-34-5	330 J
SB-02-29	J-3278	SULFUR,MOL.(S8)	10544-50-0	420 J
SB-02-29	J-3278	8A(2H)-PHENANTHRENOL,7-ETHENYLDODECAHYDRO-1,1,4A,7-T	41756-14-3	420 J
SB-02-29	J-3278	HYDROXYLAMINE,O-DECYL-	29812-79-1	640 J
SB-03-00	J-3269	NONADECANOL	52784-43-4	5300 J
SB-03-00	J-3269	UNKNOWN		1900 J
SB-03-00	J-3269	UNKNOWN		1200 J
SB-03-09	J-3270	UNKNOWN		2100 J
SB-03-09	J-3270	ETHANE 1,1,2-TRICHLORO-	79-00-5	750 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-03-19	J-3271	ETHANE, 1, 1, 2, 2-TETRACHLORO-	79-34-5	740 J
SB-03-19	J-3271	OCTADECANE, 1-(ETHENYLOXY)	930-02-9	720 J
SB-03-29A	J-3272	1-HEXADECENE	629-73-2	9200 J
SB-03-29A	J-3272	1-HEPTADECNAOL	1454-85-9	4700 J
SB-03-29A	J-3272	TETRACONTANE, 3, 4, 2, 4-TRIMETHYL	55162-61-3	610 J
SB-03-29A	J-3272	1-OCTADECENE	112-88-9	1600 J
SB-03-29A	J-3272	NONADECANOL	52783-43-4	1200 J
SB-03-29A	J-3272	NONADECANOL	52783-43-4	3000 J
SB-03-29A	J-3272	UNKNOWN	3834-55-7	2200 J
SB-03-29A	J-3272	1-HEPTADECANOL	1454-85-9	880 J
SB-03-29A	J-3272	2-UNDECANONE, 6, 10-DIMETHYL	1604-34-8	1300 J
SB-03-29A	J-3272	UNKNOWN		900 J
SB-03-29A	J-3272	BENZO/K/FLUORANTHENE	207-08-9	770 J
SB-03-29A	J-3272	TRIDECANOL	26248-42-0	1400 J
SB-03-29A	J-3272	1-DODECANOL	112-53-8	2000 J
SB-03-29B	J-3273	1-HEPTADECANOL	1454-85-9	21000 J
SB-03-29B	J-3273	UNKNOWN		1200 J
SB-03-29B	J-3273	HEXADECANE	544-76-3	1900 J
SB-03-29B	J-3273	2-UNDECANONE, 6, 10-DIMETHYL	1604-34-8	2600 J
SB-03-29B	J-3273	NONADECANOL	52783-43-4	5700 J
SB-03-29B	J-3273	1-EICOSANOL	629-96-9	2200 J
SB-03-29B	J-3273	UNKNOWN		900 J
SB-03-29B	J-3273	1-DODECANOL	112-53-8	3600 J
SB-03-29B	J-3273	UNDECANE	1120-21-4	1000 J
SB-04-00	J-3491	2, 6, 10, 15, 19, 23-HEXAMETHYL-	7683-64-9	1900 J
SB-04-00	J-3491	2, 6, 10, 14, 18, 22-TETRACOSAHEXCIENE,		
SB-04-05	J-3492	ETHANE, 1, 1, 2-TRICHLORO-	79-00-5	7451 J
SB-04-05	J-3492	ETHANE, 1, 1, 2, 2-TETRACHLORO-	79-34-5	566 J
SB-04-14	J-3494	OCTADECANE	593-45-3	1300 J
SB-04-14	J-3494	CHOL-8(14)-EN-24-OL, (S.BETA.)-	54411-88-0	2800 J
SB-04-14	J-3494	PENTACOSANE	629-99-2	4100 J
SB-04-14	J-3494	2H-PYRAN, 2-(7-HEPTADECYNYLOXY), TETRAHYDRO-	56599-50-9	27000 J
SB-04-14	J-3494	OCTADECANOL	638-66-4	850 J
SB-04-14	J-3494	2-OCTADECENAL	56554-96-2	2600 J
SB-04-14	J-3494	1-TETRADECANOL	112-72-1	1600 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-04-24	J-3496	ETHANE, 1,1,2-TRICHLORO-	79-00-5	1100 J
SB-04-24	J-3496	TETRACONTANE, 3,4,2,4-TRIMETHYL	55182-61-3	520 J
SB-04-24	J-3496	ETHANE, 1,1,2,2-TETRACHLORO-	79-34-5	1800 J
SB-04-29M	J-3498	PHNEOL, 3,5-DIMETHYL	108-68-9	4800 J
SB-04-29M	J-3498	BENZO(E)PYRENE	192-97-2	330 J
SB-04-29M	J-3498	BENZO(E)PYRENE	192-97-2	2900 J
SB-04-29M	J-3498	2-OXAZOLIDINONE, 3-(2-HYDROXYPROPYL)-5-METHYL	3375-04-6	3900 J
SB-04-29M	J-3498	BENZALDEHYDE, 3-HYDROXYL	100-83-4	55 J
SB-04-34	J-3498	NONADECANOL	52783-43-4	2000 J
SB-04-34	J-3498	2-HEPTADECANONE	2922-51-2	582 J
SB-05-00	J-4755	UNKNOWN		113381 J
SB-05-04	J-4756	UNKNOWN		2208 J
SB-05-04	J-4756	UNKNOWN		53079 J
SB-05-14	J-4758	UNKNOWN		2435 J
SB-05-14	J-4758	UNKNOWN		105 J
SB-05-14	J-4758	UNKNOWN		59381 J
SB-05-19B	J-4760	UNKNOWN		1964499 J
SB-05-19B	J-4760	UNKNOWN		1756 J
SB-05-19B	J-4760	UNKNOWN		5059 J
SB-05-19B	J-4760	UNKNOWN		4918 J
SB-05-19B	J-4760	UNKNOWN		2459 J
SB-05-19B	J-4760	UNKNOWN		6949 J
SB-05-19B	J-4760	UNKNOWN		885 J
SB-05-19B	J-4760	UNKNOWN		516 J
SB-05-19B	J-4760	UNKNOWN		141444 J
SB-05-19B	J-4760	UNKNOWN		2634 J
SB-05-24	J-4761	UNKNOWN		27776 J
SB-05-34M	J-4762	BENZO(E)PYRENE	192-97-2	27 J
SB-05-39	J-4763	UNKNOWN		22618 J
SB-05-39	J-4763	UNKNOWN		18461 J

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SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-06-19	J-3300	UNKNOWN		2771 J
SB-06-19	J-3300	UNKNOWN		30120 J
SB-06-19	J-3300	UNKNOWN		790 J
SB-06-19	J-3300	UNKNOWN		34632 J
SB-06-29M	J-4768	BENZO(E)PYRENE	192-97-2	430 J
SB-06-34	J-4769	UNKNOWN		2317 J
SB-07-00	J-3243	1-OCTADECANOL	112-92-5	1100 J
SB-07-00	J-3243	1-HENTETRACONTANOL	40710-42-7	590 J
SB-07-09	J-3244	TETRADECANE, 1-CHLORO-	2425-54-9	1400 J
SB-07-09	J-3244	1,2-BENZENEDICARBOXYLICACID, DIPENTYLESTER	131-18-0	1800 J
SB-08-00	J-3206	1,2-BENZENEDICARBOXYLICACID	88-99-3	510 J
SB-08-09	J-3207	PHENOL, 2-ETHYL-5-METHYL-	1687-61-2	570 J
SB-08-09	J-3207	PHENOL, 2,3,5-TRIMETHYL-	697-82-5	540 J
SB-08-09	J-3207	PHENOL, 2,4,5-TRIMETHYL-	496-78-6	410 J
SB-08-09	J-3207	PHENOL, 2-ETHYL-4-METHYL-	3855-26-3	2800 J
SB-08-09	J-3207	2-OXAZOLIDINONE, 3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	2700 J
SB-08-09	J-3207	PHENOL, 3,4-DIMETHYL-	95-65-8	4800 J
SB-08-09	J-3207	PHENOL, 4-ETHYL-2-METHYL-	2219-73-0	550 J
SB-08-09M	J-3207	1,2-DICHLOROETHENE(2)	156-59-2	150 J
SB-08-09M	J-3207	2-PENTANONE	107-87-9	56 J
SB-08-09M	J-3207	TETRAHYDROFURAN	109-99-9	260 J
SB-08-29	J-3211	2-OXAZOLIDINONE, 3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	1200 J
SB-09-00	J-4770	UNKNOWN		19014 J
SB-09-00M	J-4770	2-OXAZOLIDINONE, 3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	73 J
SB-09-04	J-4775	UNKNOWN		74328 J
SB-09-14	J-4771	UNKNOWN		16365 J
SB-09-14	J-4771	UNKNOWN		1409 J
SB-09-14	J-4771	UNKNOWN		2455 J
SB-09-14	J-4771	UNKNOWN		3601 J

FILENAME:TICOMPND
WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-09-14	J-4771	2-OXAZOLIDINONE-3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	8387 J
SB-09-14	J-4771	UNKNOWN		2503 J
SB-09-19M	J-4797	BENZO(E)PYRENE	192-97-2	250 J
SB-09-19M	J-4797	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	29 J
SB-09-29	J-4773	UNKNOWN		375501 J
SB-09-34M	J-4774	BENZO(E)PYRENE	192-97-2	230 J
SB-09-34M	J-4774	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	37 J
SB-10-09	J-3250	ETHANE,1,1,2-TETRACHLORO-	79-34-5	790 J
SB-10-09	J-3250	ETHANE,1,1,2-TRICHLORO-	79-00-5	1500 J
SB-10-19	J-3251	2.6.10.14.18.22-TETRACOSAHEXANE,2,6,10,15,19,23-HEXAMETHYL-	7683-64-9	1200 J
SB-10-19	J-3251	ETHANE,1,1,2-TRICHLORO-	79-00-5	720 J
SB-10-19	J-3251	SULFUR,MOL(S8)	10544-50-0	730 J
SB-10-19	J-3251	ETHANE,1,1,2-TETRACHLORO-	79-34-5	1200 J
SB-10-24	J-3252	EHTANE,1,1,2-TETRACLORO-	79-34-5	430 J
SB-10-24	J-3252	HEXATRIACONTANE	630-06-8	570 J
SB-10-29	J-3253	NONADECANOL	52783-43-4	3200 J
SB-10-29	J-3253	1-EICOSANOL	629-96-9	8300 J
SB-11-19B	J-3216	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	2400 J
SB-11-19BM	J-3216	BENZO(E)PYRENE	192-97-2	250 J
SB-11-19BM	J-3216	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL	3375-84-6	13000 J
SB-11-24	J-3217	2-OXAZOLIDINONE,3-(2-HYDROXYPROPYL)-5-METHYL-	3375-84-6	2600 J
SB-12-09	J-3220	NONADECANOL	52783-43-4	740 J
SB-12-19	J-3222	1,3,5-CYCLOHEPTATRIENE	544-25-2	1200 J
SB-12-19	J-3222	1,2-BENZENEDICARBOXYLICACID,BUTYL,2-METHYLPROPYLESTER	17851-53-5	430 J
SB-12-29A	J-3223	ETHENE,(2-METHOXYETHOXY)-	1663-35-0	6800 J
SB-12-29B	J-3224	1,2-BENZENEDICARBOXYLICACID	88-99-3	680 J

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WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-13-00	J-3264	UNKNOWN COMPOUNDS		2900 J
SB-13-00	J-3264	HENEICOSANOICANACID, METHYL ESTER	6064-90-0	720 J
SB-13-00	J-3264	1-HEXADECANOL	36653-82-4	600 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		4300 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		480 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		1200 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		590 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		3200 J
SB-13-00	J-3264	UNKNOWN COMPOUNDS		1000 J
SB-13-00	J-3264	1-HEXADECANOL	36653-82-4	580 J
SB-13-00M	NA	BENZO(E)PYRENE	192-97-2	40 J
SB-13-04	J-3265	3,7,11-TRIMETHYL-(Z,E)	3790-71-4	5500 J
SB-13-04	J-3265	NONADECANOL	52785-43-4	530 J
SB-13-09	J-3266	UNKNOWN		1100 J
SB-13-09	J-3266	1-DODECANOL	112-53-8	1500 J
SB-13-09	J-3266	UNKNOWN		1800 J
SB-13-09	J-3266	9-OCTODECEN-1-01 (Z)-	143-28-2	3900 J
SB-13-09	J-3266	UNKNOWN		1100 J
SB-13-09	J-3266	UNKNOWN		2700 J
SB-13-09	J-3266	UNKNOWN		1500 J
SB-13-09	J-3266	UNKNOWN		1900 J
SB-13-09	J-3266	TETRADECANOICACID	544-63-8	610 J
SB-13-29	J-3268	UNKNOWN		1600 J
SB-14-00	J-3238	UNKNOWN HYDROCARBON		24000 J
SB-14-00	J-3238	UNKNOWN ALKANE		120000 J
SB-14-00	J-3238	PHENOL,4-(1,1,3,3-TETRAMETHYLBUTYL)-	140-66-9	10000 J
SB-14-00	J-3238	UNKNOWN		130 J
SB-14-00	J-3238	UNKNOWN HYDROCARBON		18000 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		490 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		3200 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		2100 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		1600 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		790 J
SB-14-04	J-3239	UNKNOWN		4400 J

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WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-14-04	J-3239	UNKNOWN HYDROCARBON		3200 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		890 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		2900 J
SB-14-04	J-3239	METHOXYBENZENE	100-66-3	3000 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		930 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		1800 J
SB-14-04	J-3239	UNKNOWN HYDROCARBON		1300 J
SB-14-04M	J-3239	PHENALTHRENE,2,3-DIMETHYL	3674-65-5	38 J
SB-14-04M	J-3239	DIBENZOTHIOPHENE,4-METHYL	7372-88-5	6 J
SB-14-19	J-3241	BENZALDEHYDE	621-59-0	270 J
SB-14-19	J-3241	HEXATRIACONTANE	630-06-8	1500 J
SB-14-19	J-3241	UNKNOWN		550 J
SB-14-24	J-4798	UNKNOWN		11334 J
SB-14-29	J-3242	UNKNOWN HYDROCARBON		820 J
SB-14-29	J-3242	UNKNOWN		1050 J
SB-14-29	J-3242	PHENOL	108-95-2	26 J
SB-14-29	J-3242	PHENOL,2-PROPYL	644-35-9	1400 J
SB-14-34	J-4799	UNKNOWN		168229 J
SB-14-34	J-4799	UNKNOWN		13458 J
SB-14-34	J-4799	UNKNOWN		296 J
SB-15-00	J-3226	UNKNOWN		3400 J
SB-15-00	J-3226	UNKNOWN		2000 J
SB-15-00	J-3226	UNKNOWN		4500 J
SB-15-00	J-3226	UNKNOWN		740 J
SB-15-00	J-3226	UNKNOWN		3400 J
SB-15-00	J-3226	UNKNOWN		2000 J
SB-15-00	J-3226	UNKNOWN		1500 J
SB-15-00	J-3226	UNKNOWN		1500 J
SB-15-00	J-3226	UNKNOWN		740 J
SB-15-00	J-3226	UNKNOWN		740 J
SB-15-04	J-3227	HEXADECANE	544-76-3	260 J
SB-15-19	J-3229	UNKNOWN		660 J
SB-15-19	J-3229	2,6-BIS(1,1-DIMETHYLETHYL)-1,2,3,4-TETRAHYDRONAPHTHALENE	42931-76-0	1100 J
SB-15-19	J-3229	UNKNOWN		1300 J

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WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-15-19	J-3229	UNKNOWN		660 J
SB-15-19	J-3229	UNKNOWN		460 J
SB-15-19	J-3229	UNKNOWN		860 J
SB-15-19	J-3229	UNKNOWN		2300 J
SB-15-29A	J-3230	3-HYDROXYL-4-METHOXY-BENZALDEHYDE	621-59-0	370 J
SB-15-29A	J-3230	UNKNOWN		8800 J
SB-15-29A	J-3230	UNKNOWN		4800 J
SB-15-29A	J-3230	UNKNOWN		4800 J
SB-15-29A	J-3230	UNKNOWN		3900 J
SB-15-29A	J-3230	7-HEXYL-EICOSANE	55333-99-8	1200 J
SB-15-29A	J-3230	4-PROPYLPHENOL	645-56-7	3100 J
SB-15-29A	J-3230	HEPTANAL	111-71-7	300 J
SB-16-00	J-3232	UNKNOWN		1100 J
SB-16-00	J-3232	1,3-ISOBENZOFURANDIENE	85-44-9	380 J
SB-16-00	J-3232	BENZALDEHYDE,3-HYDROXY-4-METHYL	621-59-0	570 J
SB-16-00	J-3232	HEXADECANOIC ACID	57-10-3	1800 J
SB-16-14	J-3234	UNKNOWN	10544-50-0	1100 J
SB-16-14	J-3234	UNKNOWN HYDROCARBON	10544-50-0	1300 J
SB-16-14	J-3234	SULFUR	10544-50-0	1030 J
SB-16-14	J-3234	UNKNOWN PNA	10544-50-0	1100 J
SB-16-14	J-3234	UNKNOWN HYDROCARBON	10544-50-0	4000 J
SB-16-14	J-3234	UNKNOWN	10544-50-0	3200 J
SB-16-14	J-3234	UNKNOWN	10544-50-0	1100 J
SB-16-14M	J-3234	BENZO(E)PYRENE	192-97-2	460 J
SB-16-19	J-3235	UNKNOWN	55334-01-5	2800 J
SB-16-19	J-3235	PHENANTHRENE	55334-01-5	1400 J
SB-16-19	J-3235	2-PROPENOIC ACID	3290-92-4	930 J
SB-16-19	J-3235	UNKNOWN	19407-28-4	2700 J
SB-16-19	J-3235	UNKNOWN HYDROCARBON	55334-01-5	2800 J
SB-16-19	J-3235	SULFUR	10544-50-0	460 J
SB-16-19	J-3235	UNKNOWN ALKENE	19407-28-4	5100 J
SB-16-19	J-3235	UNKNOWN	55334-01-5	6300 J
SB-16-19	J-3235	BENZALDEHYDE,4-HYDROXY-3,5-DIMETHOXY	134-96-3	850 J
SB-16-19	J-3235	UNKNOWN HYDROCARBON	19407-28-4	4000 J
SB-16-19	J-3235	UNKNOWN	19407-28-4	5600 J
SB-16-19	J-3235	UNKNOWN	19407-28-4	1800 J
SB-16-19	J-3235	UNKNOWN	19407-28-4	3300 J

FILENAME:TICOMPND
WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-16-19	J-3235	UNKNOWN PNA	19407-28-4	620 J
SB-16-19M	J-3235	BENZO(E)PYRENE	192-97-2	370 J
SB-17-00	J-3259	1,2-BENZENEDICARBOXYLICACID	88-99-3	570 J
SB-17-00	J-3259	1,3,5-CYCLOHEPTATRIENE	544-25-2	2900 J
SB-17-09	J-3260	1,3,5-CYCLOHEPTATIRENE	544-25-2	750 J
SB-18-00	J-3254	BENZENEETHANOL,3-HYDROXY	13398-94-2	2700 J
SB-18-00	J-3254	BENZOFURAN,2,3-DIHYDRO	496-16-2	1300 J
SB-18-00	J-3254	BENZALDEHYDE,4-HYDROXY-3-METHOXY-	121-33-5	640 J
SB-18-19	J-3256	NONADECANOL	52783-43-4	1500 J
SB-18-24A	J-3257	ETHANE,1,1,2-TRICHLORO-	79-00-5	468 J
SB-18-24A	J-3257	EHTANE,1,1,2,2-TETRACHLORO-	79-34-5	730 J
SB-18-24B	J-3258	ETHANE,1,1,2,2-TETRACHLORO-	79-34-5	520 J
SB-19-00	J-3291	UNKNOWN		1020 J
SB-19-00	J-3291	UNKNOWN		52778 J
SB-19-00	J-3291	UNKNOWN		13194 J
SB-19-09	J-3292	UNKNOWN		5458 J
SB-19-14	J-3293	UNKNOWN		1844 J
SB-19-19	J-3294	UNKNOWN		64093 J
SB-19-19	J-3294	UNKNOWN		12160 J
SB-19-24	J-3295	UNKNOWN		9939 J
SB-19-24	J-3295	UNKNOWN		56798 J
SB-19-29	J-3296	UNKNOWN		72780 J
SB-19-34M	J-3297	BENZO(E)PYRENE	192-97-2	100 J
SB-19-39	J-3298	UNKNOWN		11881 J
SB-19-39	J-3298	UNKNOWN		66005 J

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WESTERN PROCESSING
TENTATIVELY IDENTIFIED COMPOUNDS
(SEE NOTE BELOW)

SOIL SAMPLE NO.	TRAFFIC REPORT NO.	COMPOUND NAME	CAS #	ESTIMATED CONCENTRATED (UG/KG)
SB-19-39	J-3298	UNKNOWN		36 J
SB-19-39	J-3298	UNKNOWN		686 J
SB-19-46	J-3299	UNKNOWN		2029 J
SB-19-46	J-3299	UNKNOWN		18145 J
SB-19-46	J-3299	UNKNOWN		304 J
SB-20-00	J-3287	UNKNOWN		64248 J
SB-20-00	J-3287	UNKNOWN		5623 J
SB-20-09	J-3288	UNKNOWN		51347 J
SB-20-09	J-3288	UNKNOWN		3851 J
SB-20-19	J-3289	UNKNOWN		33126 J
SB-20-19	J-3289	UNKNOWN		3136 J
SB-20-29	J-3290	UNKNOWN		18890 J
SB-20-29	J-3290	UNKNOWN		17379 J
SB-20-29	J-3290	UNKNOWN		624 J

NOTE: M CORRESPONDS TO SAMPLES ANALYZED BY THE EPA REGION X LAB AT MANCHESTER. ALL OTHERS WERE ANALYZED BY THE EPA CONTRACT LABRATORY PROGRAM.

APPENDIX J.

Municipality of Metropolitan Seattle RAMIX II Data Base System Surface Water Quality Data Collected Along Mill Creek

EB0242

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 1 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	TIME	TEMP DEG C	DO MG/L	PH	TURB JTU	COND UMHOS /CM	STAFF MGT	CL2-RES MG/L	FLOW CFS	BOD MG/L	TOT COLI /100ML	FEC COLI /100ML	FEC STREP /100ML	SC
E317	770923	1.0	1.0	1310	13.5	7.00	7.0	8.5	142	.00	.000	6.20	.00	8600	260		
	771220	1.0	1.0	1120	5.6	7.20	6.8	17.0	350	.00	.000	13.10	.00	0 1200	0 360		
	780330	1.0	1.0	1107	11.3	6.00	6.6	19.0	300	.00	.000	10.20	.00	0 380	0 53		
	780615	1.0	1.0	1100	13.6	4.20	6.6	34.0	400	.00	.000	6.00	.00	1400	190		
	790129	1.0	1.0	1210	4.8	7.60	6.6	19.0	205	.00	.000	11.95	4.70			130	
	790221	1.0	1.0	1150	5.3	6.30	6.7	33.0	225	.00	.000	.00	3.00		200	700	
	790321	1.0	1.0	1225	11.0	5.00	7.0	35.0	525	.00	.000	8.67	2.70		300		
	790418	1.0	1.0	1250	11.0	7.30	6.9	38.0	450	.00	.000	5.73	4.70		2460		
	790523	1.0	1.0	1232	17.4	6.80	7.1	45.0	450	.00	.000	6.02	2.60		380	1500	
	790625	1.0	1.0	1220	15.1	7.00	6.7	37.0	450	.00	.000	.84	3.70		270	530	
	790725	1.0	1.0	1225	17.3	7.10	6.8	23.0	450	.00	.000	1.99	3.60		460	200	
	790822	1.0	1.0	1250	19.0	6.30	6.7	100.0	150	.00	.000	3.54	3.70		1400	590	
	790905	1.0	1.0		.0	.00	6.7	38.0	180	.00	.000	.00	2.90		730	1400	S
	790926	1.0	1.0	1200	16.2	8.10	6.8	40.0	265	.00	.000	2.04	2.30		190	130	
	791018	1.0	1.0	1230	.0	.00	7.4	44.0	117	.00	.000	.00	7.90		4500	23000	S
	791024	1.0	1.0		11.5	.00	7.2	3.6	115	.00	.000	.00	4.00		1300	850	S
	791025	1.0	1.0		.0	.00	6.9	52.0	135	.00	.000	.00	4.40		1100	10000	S
	791128	1.0	1.0	1230	5.2	8.10	7.0	51.0	300	.00	.000	2.40	2.20		770	310	
	791212	1.0	1.0	1220	7.5	8.50	7.0	42.0	200	.00	.000	4.20	5.80		328	950	
	800130	1.0	1.0	1230	3.0	8.80	6.8	35.0	500	.00	.000	14.47	4.70		20	140	
	800227	1.0	1.0		10.0	7.15	6.9	27.0	146	.00	.000	28.00	2.70		630	1000	
	800326	1.0	1.0	1215	8.1	5.86	7.1	28.0	173	.00	.000	17.40	3.60		20	60	
	800416	1.0	1.0	1210	14.7	5.40	7.0	33.0	401	.00	.000	8.75	3.60		280	260	
	800528	1.0	1.0	1320	15.5	6.18	6.8	198.0	350	.00	.000	11.34	1.20		280	160	
	800618	1.0	1.0	845	12.4	5.68	7.2	20.0	475	.00	.000	2.72	2.90		510	560	
	800730	1.0	1.0	855	16.0	3.79	7.0	38.0	450	.00	.000	3.31	2.80		410	560	
	800813	1.0	1.0	1237	17.2	5.75	7.0	34.0	370	.00	.000	1.34	2.80		E 130	250	
	800910	1.0	1.0	1242	18.2	5.30	7.2	43.0	445	.00	.000	1.97	.60		150	88	
	801008	1.0	1.0	845	14.0	5.74	6.9	42.0	420	.00	.000	1.58	2.70		E 22	220	
	801112	1.0	1.0	853	6.2	7.83	6.8	28.0	251	8.80	.000	1.91	2.00		88	1300	
	801217	1.0	1.0	851	8.2	5.26	6.7	32.0	420	9.60	.000	5.76	3.00			7300	
	810611	1.0	1.0		.0	.00	.0	.0		.00	.000	.00	.00				X
	810625	1.0	1.0		.0	.00	.0	.0		.00	.000	.00	.00				X
X317	810611	1.0	1.0		.0	.00	.0	.0		.00	.000	.00	.00				X
	810625	1.0	1.0		.0	.00	.0	.0		.00	.000	.00	.00				X

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 2 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	TOT N MG/L	TOT KJEL MG/L	ORG N MG/L	NH3 MG/L	NO2-NO3 MG/L	NO3 MG/L	NO2 MG/L	ORTHOP PO4 MG/L	TOT PO4 MG/L	SUS SOL MG/L	SET SOL MG/L
E317	770926	1.0	1.0	.000	.00	.00	.626	1.670	.000	.000	.108	.130	9.00	.00
	771220	1.0	1.0	.000	.00	.00	1.006	3.109	.000	.000	.000	.430	28.00	.00
	780330	1.0	1.0	.000	.00	.00	1.121	3.050	.000	.000	.000	.860	23.00	.00
	780615	1.0	1.0	.000	.00	.00	1.390	3.960	.000	.000	.000	.390	27.00	.00
	790129	1.0	1.0	.000	.00	1.90	.969	2.240	.000	.000	.302	.380	32.50	15.50
	790221	1.0	1.0	.000	.00	1.40	.588	1.660	.000	.000	.221	.240	14.00	.01
	790321	1.0	1.0	.000	.00	2.47	1.300	3.960	.000	.000	.372	.543	37.00	35.50
	790414	1.0	1.0	.000	.00	1.27	1.720	3.960	.000	.000	.393	.504	24.00	.01
	790523	1.0	1.0	.000	.00	2.04	2.680	3.820	.000	.000	.508	.507	29.00	.01
	790623	1.0	1.0	.000	.00	3.63	2.900	4.100	.000	.000	.515	.468	33.30	8.60
	790725	1.0	1.0	.000	.00	.86	1.800	1.340	.000	.000	.192	.293	18.00	5.00
	790822	1.0	1.0	.000	.00	1.20	1.030	2.950	.000	.000	.177	.265	18.30	.01
	790905	1.0	1.0	.000	.00	.52	.617	1.020	.000	.000	.161	.293	26.00	20.70
	790926	1.0	1.0	.000	.00	.39	1.260	3.570	.000	.000	.191	.221	14.70	4.70
	791019	1.0	1.0	.000	.00	.95	.206	.539	.000	.000	.078	.323	91.70	56.50
	791024	1.0	1.0	.000	.00	.96	.383	.719	.000	.000	.131	.309	72.00	29.80
	791025	1.0	1.0	.000	.00	1.41	.194	.558	.000	.000	.098	.178	66.00	33.00
	791128	1.0	1.0	.000	.00	.01	1.670	4.760	.000	.000	.273	.430	69.30	21.30
	791212	1.0	1.0	.000	.00	.26	1.690	2.760	.000	.000	.204	.305	32.00	8.00
	800130	1.0	1.0	.000	.00	.81	2.150	4.530	.000	.000	.640	.558	53.30	18.30
	800227	1.0	1.0	.000	.00	1.08	.680	1.590	.000	.000	.560	.286	30.00	15.00
	800326	1.0	1.0	.000	.00	.86	1.130	2.220	.000	.000	.326	.435	32.00	16.70
	800416	1.0	1.0	.000	.00	1.18	1.080	2.700	.000	.000	.460	.562	27.00	7.70
	800528	1.0	1.0	.000	.00	1.39	1.200	3.470	.000	.000	.382	.459	24.70	9.70
	800618	1.0	1.0	.000	.00	1.98	.679	4.490	.000	.000	.005	.513	39.30	16.90
	800730	1.0	1.0	.000	.00	.97	1.450	3.940	.000	.000	.222	.290	17.00	4.00
	800813	1.0	1.0	.000	.00	1.85	.166	.570	.000	.000	.144	.305	20.00	4.00
	800910	1.0	1.0	.000	.00	.00	1.854	5.732	.000	.000	.100	.390	78.00	.01
	801009	1.0	1.0	.000	.00	2.06	.014	.342	.000	.000	.163	.346	16.00	5.30
	801112	1.0	1.0	.000	.00	.00	.418	.000	.000	.000	.160	.338	29.00	13.00
	801217	1.0	1.0	.000	.00	1.35	1.330	3.880	.000	.000	.414	.511	53.00	15.00
	810611	1.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00
	810625	1.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00
X317	810611	1.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00
	810625	1.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 3 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	CD MG/L	CR MG/L	CU MG/L	HG MG/L	NI MG/L	PB MG/L	ZN MG/L	FE MG/L
E317	770925	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	771220	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	780330	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	780615	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	790129	1.0	1.0	.0000	.0100	.0200	.0000	.0000 <	.0200	.2600	.0000
	790221	1.0	1.0	.0000 <	.0100	.0100	.0000	.0000	.0200	.2500	.0000
	790321	1.0	1.0	.0000	.0300 <	.0100	.0000	.0000 <	.0200	.4700	.0000
	790418	1.0	1.0	.0000	.0700	.0200	.0000	.0000	.0600	.5600	.0000
	790523	1.0	1.0	.0170	.0430	.0140	.0000	.0000 <	.0200	.4340	.0000
	790620	1.0	1.0	.0200	.0620	.0120	.0000	.0000 <	.0200	.5410	.0000
	790725	1.0	1.0	.0210	.0440	.0170	.0000	.0000 <	.0200	.5910	.0000
	790822	1.0	1.0	.0110	.0280	.0130	.0000	.0000 <	.0200	.3400	.0000
	790905	1.0	1.0	.0160	.0250	.0100	.0000	.0500	.0200	.3770	.0000
	790926	1.0	1.0	.0160	.0250 <	.0100	.0000	.0500 <	.0200	.3770	.0000
	791018	1.0	1.0	.0080	.0180	.0100	.0000	.0400	.0800	.0940	.0000
	791024	1.0	1.0	.0110	.1100	.0500	.0000 <	.0200	.2000	.4810	.0000
	791025	1.0	1.0	.0060	.0450	.0300	.0000	.0200	.0600	.4740	.0000
	791128	1.0	1.0	.0200	.0440	.0200	.0000	.0500	.0400	.7800	.0000
	791212	1.0	1.0	.0120	.0220	.0100	.0000	.0400	.0600	.0440	.0000
	800130	1.0	1.0 <	.0200 <	.0350	.0170	.0000 <	.0700 <	.0700	.7220	11.9800
	800227	1.0	1.0	.0060	.0170	.0400	.0000	.0400	.0400	.4870	.0000
	800326	1.0	1.0	.0100 <	.0100	.0130	.0000	.0400	.0200	.4210	.0000
	800416	1.0	1.0	.0170 <	.0200	.0110	.0000	.0600 <	.0300	.6700	8.8800
	800528	1.0	1.0	.0280	.0460	.0140	.0000	.0800 <	.0300	.8000	7.6800
	800619	1.0	1.0	.0264	.0428	.0097	.0000	.0986	.0106	.8225	7.4700
	800730	1.0	1.0	.0227	.0242	.0075	.0000	.0950 <	.0240	1.0100	6.4000
	800813	1.0	1.0	.0265 <	.0300	.0093	.0000	.1133 <	.0120	1.1100	6.8800
	800910	1.0	1.0	.0333	.0437	.0130	.0000	.1751 <	.0280	1.5300	7.9100
	801008	1.0	1.0	.0418	.0376	.0171	.0000	.1472 <	.0270	1.5600	7.4400
	801112	1.0	1.0	.0190 <	.0300	.0180	.0000	.1000	.0240	.9100	6.2000
	801217	1.0	1.0	.0240 <	.0400	.0200	.0000	.0800	.0200	.7500	8.1000
	810611	1.0	1.0	.0610	.0400	.0300 <	.0002	.1400 <	.0200	3.6700	8.0400
	810625	1.0	1.0	.0300 <	.0400	.0400	.0000	.2000	.0200	1.7900	9.0200
X317	810611	1.0	1.0 <	.0060	.0200	.0100 <	.0002 <	.0200 <	.0200	.0420	6.5400
	810625	1.0	1.0 <	.0060 <	.0400 <	.0100	.0000	.0400 <	.0200	.0100	5.8000

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BA
TABLE 1 OF 3

STA	DATE YYMMDD	WD M	DEPTH M	TIME	TEMP DEG C	DO MG/L	PH	TURB JTU	COND UMHOS /CM	STAFF HGT	CL2-RES MG/L	FLOW CFS	BOD MG/L	TOT COLI /100ML	FEC COLI /100ML	FEC STREP /100ML	SC
0317	721020	10.0	1.0	900	8.9	.00	.0	.0		.00	.000	.00	.00	1000	100	20	
	721026	10.0	1.0	1255	8.6	.00	.0	.0		.00	.000	.00	.00	320	45	20	
	770928	1.0	1.0	1215	12.8	2.80	7.0	5.3	35	.00	.000	10.50	.00	25000	3500		
	771220	1.0	1.0	1050	4.1	6.00	6.4	13.0	252	.00	.000	63.60	.00 0	560 0	120		
	780330	1.0	1.0	1037	10.8	6.00	6.7	16.1	215	.00	.000	27.50	.00 0	1100 0	200		
	780615	1.0	1.0	1013	11.3	4.90	6.8	27.0	300	.00	.000	21.90	.00	4200	4200		
	790129	1.0	1.0	1225	4.1	7.70	6.7	23.0	195	.00	.000	37.90	3.90		53	43	
	790221	1.0	1.0	1202	5.2	6.90	6.6	22.0	250	.00	.000	.00	3.10		73	230	
	790321	1.0	1.0	1240	10.9	5.30	7.1	23.0	440	.00	.000	16.79	3.00		50		
	790418	1.0	1.0	1310	11.5	8.50	7.0	22.0	320	.00	.000	20.61	2.50		287		
	790523	1.0	1.0	1249	17.8	6.00	7.2	30.0	315	.00	.000	8.23	2.00		1430	410	
0317	790620	1.0	1.0	1245	14.5	4.70	6.8	27.0	250	.00	.000	2.24	3.80		5300	310	
	790725	1.0	1.0	1245	17.0	4.50	6.9	12.0	340	.00	.000	16.70	2.70		2400	240	
	790822	1.0	1.0	1310	18.5	5.20	6.8	23.0	165	.00	.000	5.25	4.80		1800	1600	
	790905	1.0	1.0		.0	.00	6.6	23.0	250	.00	.000	.00	3.10		5300	1000	S
	790926	1.0	1.0	1220	16.6	7.10	6.8	18.0	275	.00	.000	5.06	2.50		1600	820	
	791018	1.0	1.0	1245	.0	.00	7.2	37.0	76	.00	.000	.00	7.80		5100	52000	S
	791024	1.0	1.0		11.6	.00	7.1	3.0	193	.00	.000	.00	2.90		280	610	S
	791025	1.0	1.0		.0	.00	3.9	54.0	89	.00	.000	.00	4.50		930	13000	S
	791128	1.0	1.0	1245	6.0	10.60	7.2	22.0	200	.00	.000	6.76	.90		150	140	
	791212	1.0	1.0	1230	7.0	7.60	6.8	40.0	195	.00	.000	13.44	2.70		570	1400	
	800130	1.0	1.0	1240	3.0	7.90	6.8	32.0	390	.00	.000	24.75	3.40		50	60	
	800227	1.0	1.0		9.8	8.00	7.0	39.0	140	.00	.000	143.00	2.20		130	3000	
	800326	1.0	1.0	1235	8.2	6.50	6.9	20.0	570	.00	.000	27.05	2.00		20	50	
	800416	1.0	1.0	1245	13.5	7.03	7.2	23.0	300	12.60	.000	28.93	2.80		170	4600	
	800528	1.0	1.0	1335	15.9	7.29	7.0	104.0	216	.00	.000	1.34	3.70		620	750	
	800618	1.0	1.0	815	13.3	4.71	7.4	53.0	390	.00	.000	13.26	2.10	E	2500	4300	
	800730	1.0	1.0	830	17.0	2.61	7.1	19.0	360	.00	.000	10.69	2.90		1400	3700	
	800813	1.0	1.0	1253	16.7	5.51	7.2	19.0	330	.00	.000	6.84	3.70		2000	2400	
	800910	1.0	1.0	1255	16.5	7.65	7.7	18.0	332	.00	.000	6.69	1.20	E	1400	5000	
	801008	1.0	1.0	815	13.6	4.93	7.1	21.0	310	13.00	.000	9.45	1.80	E	100	500	
	801112	1.0	1.0	817	6.5	6.18	6.9	22.0	260	14.10	.000	25.27	1.50		550	E 850	
	801217	1.0	1.0	815	7.5	4.52	6.8	17.0	335	12.40	.000	31.97	1.60		100	820	
	810122	1.0	1.0	815	10.0	5.98	6.8	29.0	204	10.50	.000	40.53	2.80		440	5500	
	810226	1.0	1.0	750	7.0	6.07	6.7	14.0	255	.00	.000	.00	1.80		140	4500	
	810319	1.0	1.0	710	8.9	5.61	6.6	27.0	335	.00	.000	25.43	1.90		74	880	
	810423	1.0	1.0	715	11.5	4.98	6.9	28.0	350	.00	.000	18.35	2.10		200	1700	
	810514	1.0	1.0	735	13.1	4.28	7.0	27.0	345	.00	.000	18.03	2.20		1100	8400	
	810625	1.0	1.0	700	15.3	2.81	7.1	27.0	345	.00	.000	15.60	2.39	E	1400	3200	
	810723	1.0	1.0	735	16.4	3.31	7.1	18.0	350	12.60	.000	11.02	1.41		400	2800	
	810820	1.0	1.0	755	16.6	2.20	6.9	12.0	340	.00	.000	9.42	1.47	>	15000	E 30000	
	810917	1.0	1.0	724	15.0	1.91	6.5	7.2	240	.00	.000	3.53	1.91	E	360	3700	
	811022	1.0	1.0	730	8.3	3.88	6.9	23.0	3500	.00	.000	20.57	2.11		600	89000	
	811119	1.0	1.0	750	8.2	6.60	6.8	21.0	180	.00	.000	.00	2.24		500	8900	
	811217	1.0	1.0	740	5.8	7.12	6.7	34.0	200	.00	.000	.00	1.50	E	160	1600	
	820121	1.0	1.0	745	5.9	7.09	6.6	16.0	250	.00	.000	.00	.30		80	E 220	
	820225	1.0	1.0	800	6.3	6.60	6.7	18.0	260	.00	.000	.00	1.17	E	16	440	
	820325	1.0	1.0	745	8.4	5.38	6.9	46.0	400	.00	.000	24.04	8.23	E	32	1200	
	820422	1.0	1.0	800	12.4	4.81	7.0	35.0	360	.00	.000	18.80	1.89		45	2500	
	820523	1.0	1.0	805	14.1	3.98	7.0	56.0	440	.00	.000	12.59	2.08		410	4300	
	820617	1.0	1.0	805	16.2	3.05	7.0	3.3	375	.00	.000	8.91	2.11	E	1300	8800	
	820722	1.0	1.0	850	13.2	5.30	7.1	24.0	335	.00	.000	.00	1.69	E	1400	17000	
	820819	1.0	1.0	750	17.3	4.10	7.1	1.9	355	.00	.000	.00	.24	E	930	3800	
	820923	1.0	1.0	815	14.0	3.30	6.8	20.0	300	.00	.000	.00	1.50		1400	4800	
	821021	1.0	1.0	925	10.1	5.79	7.1	20.0	275	.00	.000	.00	.31		1200	91000	
	821202	1.0	1.0	845	7.1	7.00	6.9	12.0	275	.00	.000	45.95	1.27		110	8400	
	830113	1.0	1.0	845	6.1	7.32	6.9	21.0	250	.00	.000	77.75	3.46	E	20	2100	
	830217	1.0	1.0	900	7.9	8.39	6.6	32.0	180	.00	.000 E	90.00	1.80	E	320	16000	
	830317	1.0	1.0	850	8.3	5.40	7.0	25.0	330	5.46	.000	23.64	2.22	E	15	E 900	

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BAS
TABLE 1 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	TIME	TEMP DEG C	DO MG/L	PH	TURB JTU	COND UMHOS /CM	STAFF HGT	CL2-RES MG/L	FLOW CFS	BOD MG/L	TOT COLI /100ML	FEC COLI /100ML	FEC STREP /100ML	SC
0317	830421	1.0	1.0	920	11.2	5.10	7.0	42.0	380	5.30	.000	E 33.84	2.16		66		
	830519	1.0	1.0	855	11.6	7.20	7.0	33.0	350	5.11	.000	19.11	1.73		E 2100	45000	
	830616	1.0	1.0	900	16.2	3.20	7.1	25.0	375	4.99	.000	11.14	2.54		> 1200	14000	
	830714	1.0	1.0	852	14.5	6.40	6.9	20.0	193	5.29	.000	12.04	1.83		E 3000	18000	
	830818	1.0	1.0	845	17.1	6.24	6.9	33.0	350	4.99	.000	14.10	1.65		E 1900	42000	
	830922	1.0	1.0	836	13.3	5.30	6.9	22.0	300	4.94	.000	11.43	1.07		E 3000	36000	
	831025	1.0	1.0	850	11.1	6.35	6.9	18.0	136	5.06	.000	20.83	4.39		2200	59000	
	831117	1.0	1.0	920	10.0	8.20	6.7	20.0	110	7.02	.000	E 124.53	1.45		860	40000	
	831215	1.0	1.0	830	7.0	6.80	6.8	15.0	225	5.70	.000	56.30	1.62		84	980	
	840119	1.0	1.0	935	4.1	8.70	6.8	36.0	300	5.16	.000	19.77	1.30		30	800	
	840216	1.0	1.0	905	5.8	6.74	6.8	14.0	250	5.48	.000	35.49	1.92		160	1500	
	840315	1.0	1.0	930	10.1	7.21	6.8	26.0	200	5.92	.000	E 141.25	2.46		720	6400	

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 2 OF 3

STA	DATE YYMMDD	MD M	DEPTH M	TOT N MG/L	TOT KJEL MG/L	ORG N MG/L	NH3 MG/L	NO2-NO3 MG/L	NO3 MG/L	NO2 MG/L	ORTHOP PO4 MG/L	TOT PO4 MG/L	SUS SOL MG/L	SET SOL MG/L
0317	721020	10.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00
	721026	10.0	1.0	.000	.00	.00	.000	.000	.000	.000	.000	.000	.00	.00
	770928	1.0	1.0	.000	.00	.00	.383	1.420	.000	.000	.289	.350	52.00	.00
	771220	1.0	1.0	.000	.00	.00	.550	1.452	.000	.000	.000	.250	17.00	.00
	780330	1.0	1.0	.000	.00	.00	.659	1.193	.000	.000	.000	.320	20.00	.00
	780615	1.0	1.0	.000	.00	.00	.574	1.373	.000	.000	.000	.230	19.50	.00
	790129	1.0	1.0	.000	.00	1.24	.634	1.260	.000	.000	.261	.317	34.00	19.00
	790221	1.0	1.0	.000	.00	1.03	.533	1.170	.000	.000	.243	.293	26.40	10.40
	790321	1.0	1.0	.000	.00	1.08	.833	1.420	.000	.000	.283	.366	19.10	4.30
	790418	1.0	1.0	.000	.00	.96	.708	1.310	.000	.000	.280	.000	4.70	.01
	790523	1.0	1.0	.000	.00	.94	1.640	1.480	.000	.000	.286	.327	12.70	1.70
	790620	1.0	1.0	.000	.00	.90	1.100	1.290	.000	.000	.230	.282	36.00	10.00
	790725	1.0	1.0	.000	.00	.53	.564	.308	.000	.000	.187	.224	2.70	1.60
	790822	1.0	1.0	.000	.00	.51	.295	.697	.000	.000	.188	.257	27.00	4.30
	790905	1.0	1.0	.000	.00	.01	.412	.903	.000	.000	.187	.232	129.30	.01
	790926	1.0	1.0	.000	.00	.61	.423	1.270	.000	.000	.327	.391	12.70	4.70
	791015	1.0	1.0	.000	.00	.78	.257	.534	.000	.000	.081	.255	93.00	55.00
	791024	1.0	1.0	.000	.00	.75	.421	.637	.000	.000	.187	.238	42.00	8.40
	791025	1.0	1.0	.000	.00	1.41	.194	.527	.000	.000	.103	.172	65.71	32.71
	791128	1.0	1.0	.000	.00	.64	.552	1.180	.000	.000	.237	.276	22.00	.01
	791212	1.0	1.0	.000	.00	.71	.447	.941	.000	.000	.195	.229	28.70	2.00
	800130	1.0	1.0	.000	.00	.92	1.330	1.720	.000	.000	.590	.421	31.70	6.70
	800227	1.0	1.0	.000	.00	.90	.690	1.550	.000	.000	.560	.268	42.90	18.90
	800326	1.0	1.0	.000	.00	.78	.870	1.210	.000	.000	.302	.353	14.60	4.60
	800416	1.0	1.0	.000	.00	.50	.658	1.050	.000	.000	.341	.357	13.00	1.50
	800528	1.0	1.0	.000	.00	.87	.474	.949	.000	.000	.235	.281	22.00	12.00
	800618	1.0	1.0	.000	.00	.36	.679	1.030	.000	.000	.014	.327	19.50	14.50
	800730	1.0	1.0	.000	.00	1.10	.448	2.620	.000	.000	.166	.234	7.00	4.00
	800813	1.0	1.0	.000	.00	.01	1.884	2.440	.000	.000	.240	.228	7.60	2.60
	800910	1.0	1.0	.000	.00	.00	.167	1.322	.000	.000	.226	.203	8.50	8.20
	801008	1.0	1.0	.000	.00	.82	.014	.154	.000	.000	.139	.220	8.50	1.00
	801112	1.0	1.0	.000	.00	.00	.194	.000	.000	.000	.083	.274	23.00	9.70
	801217	1.0	1.0	.000	.00	1.51	.100	2.300	.000	.000	.048	.316	16.00	.01
	810122	1.0	1.0	.000	.00	.00	.529	.710	.000	.000	.217	.295	26.70	.00
	810226	1.0	1.0	2.310	1.35	.85	.503	.958	.000	.000	.241	.294	14.00	.01
	810319	1.0	1.0	.000	.00	.00	.599	1.250	.000	.000	.259	.454	22.70	7.40
	810423	1.0	1.0	2.508	1.64	.86	.781	.870	.000	.000	.297	.376	18.00	.01
	810514	1.0	1.0	.000	.00	.00	.791	.733	.000	.000	.206	.323	17.30	.01
	810625	1.0	1.0	2.769	1.30	1.02	.276	1.469	.000	.000	.280	.297	11.00	.01
	810723	1.0	1.0	.000	.00	.00	.612	1.454	.000	.000	.169	.200	9.50	6.17
	810820	1.0	1.0	2.038	.63	.38	.250	1.408	.000	.000	.120	.182	10.00	.01
	810917	1.0	1.0	.000	.00	.00	.026	.854	.000	.000	.161	.109	7.50	.01
	811022	1.0	1.0	1.851	.74	.74	.004	1.111	.000	.000	.246	.448	16.67	.01
	811118	1.0	1.0	.000	.00	.00	.195	.648	.000	.000	.138	.000	26.00	8.50
	811217	1.0	1.0	1.959	1.02	.64	.380	.939	.000	.000	.178	.150	10.00	1.00
	820121	1.0	1.0	.000	.00	.00	.557	1.041	.000	.000	.248	.298	18.75	7.64
	820225	1.0	1.0	1.373	.40	.01	.513	.973	.000	.000	.259	.000	11.33	5.33
	820325	1.0	1.0	.000	.00	.00	.698	1.153	.000	.000	.372	.444	28.00	15.50
	820422	1.0	1.0	.000	.00	.00	.647	1.033	.000	.000	.284	.336	17.33	8.67
	820520	1.0	1.0	.000	.00	.00	.798	1.529	.000	.000	.270	.336	18.86	.01
	820617	1.0	1.0	.000	.00	.00	.700	.891	.000	.000	.263	.312	18.67	1.69
	820722	1.0	1.0	.000	.00	.00	.565	1.078	.000	.000	.231	.293	14.00	2.50
	820819	1.0	1.0	.000	.00	.00	.055	.447	.000	.000	.238	.851	50.42	33.76
	820923	1.0	1.0	.000	.00	.00	.504	.807	.000	.000	.207	.308	24.00	11.50
	821021	1.0	1.0	.000	.00	.00	.541	1.056	.000	.000	.200	.356	14.28	4.78
	821202	1.0	1.0	.000	.00	.00	.444	.823	.000	.000	.194	.221	13.01	3.01
	830113	1.0	1.0	.000	.00	.00	.447	.706	.000	.000	.206	.242	27.44	15.47
	830217	1.0	1.0	.000	.00	.00	.384	.533	.000	.000	.000	.259	59.01	31.01
	830317	1.0	1.0	.000	.00	.00	.000	.000	.000	.000	.351	.351	18.01	2.01

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 2 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	TOT N MG/L	TOT KJEL MG/L	ORG N MG/L	NH3 MG/L	NO2-NO3 MG/L	NO3 MG/L	NO2 MG/L	ORTHOP PO4 MG/L	TOT PO4 MG/L	SUS SOL MG/L	SET SOL MG/L
0317	830421	1.0	1.0	.000	.00	.00	.811	.830	.000	.000	.306	.383	51.99	27.33
	830519	1.0	1.0	.000	.00	.00	.859	.878	.000	.000	.241	.307	22.68	.01
	830616	1.0	1.0	.000	.00	.00	.842	.807	.000	.000	.247	.282	23.98	.00
	830714	1.0	1.0	.000	.00	.00	.350	.701	.000	.000	.156	.244	27.17	7.68
	830818	1.0	1.0	.000	.00	.00	.694	.438	.000	.000	.239	.222	15.24	3.23
	830922	1.0	1.0	.000	.00	.00	.503	.772	.000	.000	.152	.205	16.50	7.84
	831027	1.0	1.0	.000	.00	.00	.224	.479	.000	.000	.141	.158	21.14	8.00
	831117	1.0	1.0	.000	.00	.00	.116	.607	.000	.000	.079	.134	23.33	9.32
	831215	1.0	1.0	.000	.00	.00	.433	.750	.000	.000	.189	.245	29.68	18.62
	840119	1.0	1.0	.000	.00	.00	.727	.923	.000	.000	.257	.323	66.90	49.97
	840216	1.0	1.0	.000	.00	.00	.557	.630	.000	.000	.305	.306	16.00	5.00
	840315	1.0	1.0	.000	.00	.00	.273	.429	.000	.000	.235	.243	29.98	15.31

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 3 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	CD MG/L	CR MG/L	CU MG/L	HG MG/L	NI MG/L	PB MG/L	ZN MG/L	FE MG/L
0317	721020	10.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	721026	10.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	770928	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	771220	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	780330	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	780615	1.0	1.0	.0000	.0000	.0000	.0000	.0000	.0000	.0000	.0000
	790129	1.0	1.0	.0000	.0200	.0100	.0000	.0000 <	.0200	.1590	.0000
	790221	1.0	1.0	.0000	.0100 <	.0100	.0000	.0000 <	.0200	.1910	.0000
	790321	1.0	1.0	.0000 <	.0100 <	.0100	.0000	.0000 <	.0200	.2420	.0000
	790418	1.0	1.0	.0000	.0200 <	.0100	.0000	.0000 <	.0200	.2300	.0000
	790523	1.0	1.0 <	.0040 <	.0100 <	.0100	.0000	.0000 <	.0200	.1050	.0000
	790620	1.0	1.0 <	.0040	.0210	.0210	.0000	.0000 <	.0200	.0970	.0000
	790725	1.0	1.0 <	.0040 <	.0100 <	.0100	.0000	.0000 <	.0200	.0320	.0000
	790822	1.0	1.0 <	.0040	.0110 <	.0100	.0000	.0000	.0200	.0570	.0000
	790905	1.0	1.0 <	.0040	.0100	.0100	.0000 <	.0200 <	.0200	.0330	.0000
	790926	1.0	1.0 <	.0040 <	.0100 <	.0100	.0000 <	.0200 <	.0200	.0330	.0000
	791018	1.0	1.0	.0100	.0190	.0200	.0000 <	.0200	.0900	.1250	.0000
	791024	1.0	1.0 <	.0040	.0200	.0100	.0000 <	.0200 <	.0200	.1140	.0000
	791025	1.0	1.0	.0070	.0300	.0300	.0000 <	.0200	.0500	.4800	.0000
	791128	1.0	1.0 <	.0040	.0190 <	.0100	.0000 <	.0200 <	.0200	.1780	.0000
	791212	1.0	1.0 <	.0040 <	.0100	.0300	.0000 <	.0200	.0500	.2350	.0000
	800130	1.0	1.0	.0040 <	.0100	.0130	.0000 <	.0200 <	.0200	.4420	7.6000
	800227	1.0	1.0	.0050 <	.0100	.0210	.0000 <	.0200	.0700	.2530	.0000
	800626	1.0	1.0 <	.0040 <	.0100	.0140	.0000	.0200	.0300	.3270	.0000
	800416	1.0	1.0	.0050 <	.0200 <	.0100	.0000	.0300 <	.0300	.3440	5.6500
	800528	1.0	1.0	.0040 <	.0240 <	.0040	.0000	.0200 <	.0300	.2370	4.4300
	800618	1.0	1.0 <	.0030	.0164	.0044	.0000	.0213 <	.0080	.1407	3.6900
	800730	1.0	1.0 <	.0030 <	.0190 <	.0030	.0000	.0145 <	.0240	.0857	2.5100
	801013	1.0	1.0 <	.0030 <	.0300 <	.0060	.0000	.0214	.0163	.0879	2.8000
	800810	1.0	1.0 <	.0030 <	.0210	.0032	.0000 <	.1800 <	.0280	.1251	2.9600
	801008	1.0	1.0 <	.0030 <	.0210	.0033	.0000	.0214 <	.0270	.1146	2.9000
	801112	1.0	1.0	.0030 <	.0300	.0130	.0000	.0370	.0350	.2300	3.8000
	801217	1.0	1.0 <	.0030 <	.0400	.0100	.0000	.0300 <	.0200	.3100	4.1000
	810122	1.0	1.0	.0040 <	.0200 <	.0200	.0000	.0300 <	.0400	.2600	4.6000
	810227	1.0	1.0	.0040	.0200	.0150	.0000	.0500 <	.0200	.3200	4.1000
	810226	1.0	1.0	.0040	.0200	.0100	.0000	.0500 <	.0400	.4000	6.1000
	810319	1.0	1.0 <	.0060 <	.0200	.0100	.0000	.0700	.0200	.4780	6.4000
	810423	1.0	1.0	.0080 <	.0400	.0100	.0000	.0400 <	.0400	.2970	5.1600
	810514	1.0	1.0 <	.0060 <	.0400 <	.0200	.0000	.0200 <	.0200	.2500	3.9300
	810625	1.0	1.0 <	.0060 <	.0400	.0100	.0000	.0400 <	.0200	.2370	2.4000
	810723	1.0	1.0 <	.0060 <	.0200 <	.0100	.0000	.0400 <	.0200	.2040	1.6600
	810820	1.0	1.0 <	.0060 <	.0200	.0100	.0000	.0200 <	.0200	.1070	1.8900
	810917	1.0	1.0 <	.0040 <	.0200 <	.0100	.0000	.0500 <	.0200	.7390	4.0900
	811022	1.0	1.0	.0060 <	.0200	.0100	.0000	.0200 <	.0200	.1900	2.3400
	811118	1.0	1.0 <	.0040 <	.0200 <	.0100	.0000	.0200 <	.0200	.2340	2.3300
	811217	1.0	1.0 <	.0040 <	.0200 <	.0200	.0000	.0200 <	.0200	.3530	4.3400
	820121	1.0	1.0 <	.0040 <	.0200	.0200	.0000	.0300 <	.0200	.3470	3.6000
	820225	1.0	1.0 <	.0040 <	.0200	.0300	.0000	.0600	.0300	.5530	6.5400
	820325	1.0	1.0	.0090 <	.0200	.0200	.0000	.0400 <	.0200	.4230	3.8900
	820422	1.0	1.0	.0070 <	.0200	.0100	.0000	.0300 <	.0200	.3810	4.1900
	820520	1.0	1.0	.0080 <	.0200	.0100	.0000	.0400 <	.0300	.2840	3.8500
	820617	1.0	1.0	.0070 <	.0200	.0100	.0000	.0300	.0300	.2250	2.5000
	820722	1.0	1.0	.0050 <	.0200	.0100	.0000	.0200 <	.0300	.1380	3.3600
	820819	1.0	1.0 <	.0040 <	.0200	.0100	.0000	.0300 <	.0200	.1980	2.6200
	820923	1.0	1.0	.0070	.0200 <	.0100	.0000	.0400 <	.0200	.2990	2.8500
	821021	1.0	1.0	.0040 <	.0200	.0100	.0000	.0300 <	.0200	.3610	3.5000
	821202	1.0	1.0	.0050 <	.0200	.0200	.0000	.0300 <	.0200	.3210	4.4400
	830113	1.0	1.0	.0060 <	.0200	.0200	.0000	.0200 <	.0200	.3080	4.3300
	830217	1.0	1.0	.0040	.0200 <	.0100	.0000	.0500 <	.0200	.5650	6.5500
	830317	1.0	1.0	.0040	.0200	.0300	.0000	.0400 <	.0200	.5770	6.6200
	830421	1.0	1.0	.0040 <	.0200	.0100	.0000	.0200 <	.0200	.4360	5.4400
	830519	1.0	1.0 <	.0040 <	.0200 <	.0100	.0000				

LISTING OF NORMAL STREAMS DATA ON THE WATER QUALITY DATA BASE
TABLE 3 OF 3

STA	DATE YYMMDD	HD M	DEPTH M	CD MG/L	CR MG/L	CU MG/L	MG MG/L	NI MG/L	PB MG/L	ZN MG/L	FE MG/L
0317	830616	1.0	1.0	< .0210	.0200	< .0100	.0000	< .0200	< .0200	.4130	5.1900
	830714	1.0	1.0	< .0040	< .0200	< .0200	.0000	< .0200	< .0200	.2300	3.1700
	830818	1.0	1.0	.0040	< .0200	.0100	.0000	.0200	.0200	.2260	5.9500
	830922	1.0	1.0	.0070	< .0200	< .0100	.0000	.0400	< .0200	.2850	3.7400
	831027	1.0	1.0	.0040	< .0200	.0100	.0000	.0200	.0200	.1670	1.9600
	831117	1.0	1.0	< .0040	< .0200	.0200	.0000	< .0200	.0200	.0880	1.7300
	831215	1.0	1.0	.0040	< .0400	.0200	.0000	< .0200	.0400	.2420	3.5900
	840119	1.0	1.0	< .0040	< .0200	< .0100	.0000	.0300	< .0200	.3020	7.8100
	840216	1.0	1.0	< .0040	< .0200	.0100	.0000	.0200	< .0200	.2370	5.3000
	840315	1.0	1.0	< .0040	< .0200	.0100	.0000	< .0200	.0300	.1340	3.7000

APPENDIX K.

Washington State Department of Ecology Water Quality Data, Mill Creek and Vicinity

EB0252

DEPARTMENT OF ECOLOGY

AGENCY 21540000 RETRIEVAL --- 29 NOVEMBER 1984

OFFICE OF WATER PROGRAMS
WATER QUALITY MANAGEMENT DIVISION
WATER QUALITY INVESTIGATIONS SECTION

09E070 MILL CREEK (KENT) AT ORILLIA

STORET MINOR BASIN: PUGET SOUND STORET SUB BASIN: DUWAMISH-GREEN

LATITUDE: 47 26 21.0 ELEVATION (FEET): 12 WATER CLASS: A
LONGITUDE: 122 14 23.0 COUNTY: KING SEGMENT: 04-09-09

AGENCY: 21540000 STATE: WASHINGTON STA TYPE: RAPTOX

TERMINAL STREAM	1ST LEV MILES	2ND LEV MILES	3RD LEV MILES	4TH LEV MILES	5TH LEV MILES	6TH LEV MILES
1311143	011.00	000.80	003.14			

DATE FROM TO	TIME	DEPTH METERS	00060 STREAM FLOW CFS-AVG	00010 WATER TEMP DEG-C	00300 DISSOLVED OXYGEN mg/l	00301 DO PERCENT SATURATN	00400 pH STANDARD UNITS	00095 CONDUCTVY @ 25 C MICROMHOS	00530 SOLIDS SUSPENDED mg/l	31616 FECAL COLIFORM /100ml MF	00070 TURBIDITY TURBMETER NTU	00080 COLOR PT-CO UNITS
84/04/11	1520		16.2	10.4	6.7	59.7	6.8	309	41	63	51.0	220
84/05/22	1445		62.0	12.8	6.8	63.9	7.0	184	74	520	90.0	160
84/06/27	1215		5.0	17.7	3.1	32.3	6.8	405	16	300	37.0	250
84/07/11	1120		3.7	15.5	3.6	35.9	7.0	530	22	940	61.0	270
84/08/07	1110		2.0	17.5	6.1	63.3	7.0	480	27	400	38.0	270
84/09/19	1115		1.5	15.7	5.3	53.0	7.1	430	13	190	32.0	180

DATE FROM TO	TIME	DEPTH METERS	00620 NITRATE T NO3-N mg/l	00615 NITRITE T NO2-N mg/l	00610 AMMONIA T NH3-N mg/l	00671 DIS-ORTHO PHOSPHRUS mg/l P	00665 TOTAL PHOSPHRUS mg/l P	00900 HARDNESS TOT CaCO3 mg/l	71900 MERCURY TOTAL Hg ug/l	01030 CHROMIUM DIS Cr ug/l	01040 COPPER DIS Cu ug/l	01049 LEAD DIS Pb ug/l
84/04/11	1520		0.70	0.01K	0.57		0.07	100.0	0.06K	1.0K	12.0	1.0
84/05/22	1445		0.36	0.01K	0.56		0.06	60.0		1.0K	1.0K	1.0K
84/06/27	1215		0.95	0.01K	1.10		0.09	80.0		5.0	23.0	8.0
84/07/11	1120		1.50	0.01K	1.30		0.08	140.0	0.16	1.0K	10.0	1.0
84/08/07	1110		1.30	0.01K	1.30		0.26		0.05K	1.0K	14.0	1.0K
84/09/19	1115		1.80	0.01K	1.30	0.08	0.08	120.0	0.06K	2.4	23.1	1.0K

DATE FROM TO	TIME	DEPTH METERS	01090 ZINC DIS Zn ug/l	01025 CADMIUM DIS Cd ug/l	00340 COD HI LEVEL mg/l	00008 LAB LOG NUMBER	01065 NICKEL DIS Ni ug/l	01034 CHROMIUM TOT REC ug/l Cr	01042 COPPER TOT REC ug/l Cu	01051 LEAD TOT REC ug/l Pb	01092 ZINC TOT REC ug/l Zn	01027 CADMIUM TOT REC ug/l Cd
84/04/11	1520		470	6.40	34	1557	32	9.0	35.0	13.0	680	6.80
84/05/22	1445		113	0.90		2376	1K	13.0	30.0	50.0	415	6.60
84/06/27	1215		877		32	2900		24.0	50.0	70.0	935	18.50
84/07/11	1120		936	18.90	45	3097	62	1.0K	44.0	8.0	1262	25.20
84/08/07	1110		710	14.50	57	3444	104	8.0	61.0	12.0	1425	19.30
84/09/19	1115		1274	19.40	48	4130	157	19.1	71.9	1.0K	1915	23.70

DATE FROM TO	TIME	DEPTH METERS	01067 NICKEL TOT Ni ug/l	34210 ACROLEIN TOT WATER ug/l	34215 ACRYLONI-TRILE TOT H2O ug/l	34030 BENZENE TOTAL ug/l	32102 CARBON TETRA Cl TOT ug/l	34301 CHLORO-BENZENE TOT ug/l	34531 12-DICHL OROETHANE TOT ug/l	34506 111-TRICL OROETHANE TOT ug/l	34496 11-DICHL OROETHANE TOT ug/l	34511 112-TRICL OROETHANE TOT ug/l
84/04/11	1520		99	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.8	2.0U	2.0U
84/05/22	1445		12	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.6	2.0U	2.0U
84/06/27	1215		117	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	5.0	2.0U	2.0U
84/07/11	1120		82	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	8.0	2.0U	2.0U
84/08/07	1110		106	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/09/19	1115		195	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

DATE FROM TO	TIME	DEPTH METERS	34516 1122TETRA CLOROTHNE TOT ug/l	34311 CHLOROE THANE TOT ug/l	34576 2-CHLOROE THYL VINY TOT ug/l	32106 CHLOROFRM WHOLE H2O TOT ug/l	34501 11DICHLOR OETHYLENE TOT ug/l	34546 12TRDICHL ORETHYLEN TOT ug/l	34541 12DICHLOR OPROPANE TOT ug/l	34561 13DICHLOR OPROPENE TOT ug/l	34371 ETHYL BENZENE TOT ug/l	34423 METHYLENE CHLORIDE TOT ug/l
84/04/11	1520		2.0U	2.0U	2.0U	6.4	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/05/22	1445		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/06/27	1215		2.0U	2.0U	2.0U	14.0	2.0U	2.0U	2.0U	2.0U	2.0U	8.7
84/07/11	1120		2.0U	2.0U	2.0U	18.0	2.0U	2.0U	2.0U	2.0U	2.0U	8.6
84/08/07	1110		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	41.0
84/09/19	1115		2.0U	2.0U		9.6	2.0U	2.0U	2.0U	2.0U	2.0U	42.0

DATE FROM TO	TIME	DEPTH METERS	34418 METHYL CHLORIDE TOT ug/l	34413 METHYL BROMIDE TOT ug/l	32104 BROMOFORM WHOLE H2O ug/l	32101 BROMODICL OROMTHANE TOT ug/l	34488 TRICHLORO FLROMTHANE TOT ug/l	34668 DICHLORO DIFROMTHNE TOT ug/l	32105 DIBROMOCH LOROMTHNE TOT ug/l	34475 TETRACHLO ROETHYLNE TOT ug/l	34010 TOLUENE IN WATER TOT ug/l	39180 TRICHLORO ETHYLENE TOT ug/l
84/04/11	1520		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	11.0
84/05/22	1445		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	4.9
84/06/27	1215		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.2	2.0U	27.0
84/07/11	1120		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.5	2.0U	31.0
84/08/07	1110		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.7	2.0U	15.0
84/09/19	1115		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	14.0

DATE FROM TO	TIME	DEPTH METERS	39175 VINYL CHLORIDE TOT ug/l
84/04/11	1520		2.0U
84/05/22	1445		2.0U
84/06/27	1215		2.0U
84/07/11	1120		2.0U
84/08/07	1110		2.0U
84/09/19	1115		2.0U

DEPARTMENT OF ECOLOGY

AGENCY 21540000 RETRIEVAL --- 29 NOVEMBER 1984

OFFICE OF WATER PROGRAMS
WATER QUALITY MANAGEMENT DIVISION
WATER QUALITY INVESTIGATIONS SECTION

09E090 MILL CR--KENT ON WEST VALLEY HWY

STORET MINOR BASIN: PUGET SOUND STORET SUB BASIN: DUWAMISH-GREEN

LATITUDE: 47 25 15.0 ELEVATION (FEET): 25 WATER CLASS: A
LONGITUDE: 122 14 55.0 COUNTY: KING SEGMENT: 04-09-09

AGENCY: 21540000 STATE: WASHINGTON STA TYPE: RAPTOX

TERMINAL STREAM	1ST LEV MILES	2ND LEV MILES	3RD LEV MILES	4TH LEV MILES	5TH LEV MILES	6TH LEV MILES
1311143	011.00	000.80	004.66			

DATE FROM TO	TIME	DEPTH METERS	00060 STREAM FLOW CFS-AVG	00010 WATER TEMP DEG-C	00300 DISSOLVED OXYGEN mg/l	00301 DO PERCENT SATURATN	00400 pH STANDARD UNITS	00095 CONDUCTVY @ 25 C MICROMHOS	00530 SOLIDS SUSPENDED mg/l	31616 FECAL COLIFORM /100ml MF	00070 TURBIDITY TURBMETER NTU	00080 COLOR PT-CO UNITS
84/04/11	1400		16.2	10.1	7.7	68.2	6.8	250	13	80	20.0	190
84/05/22	0955		8.1	11.6	5.3	48.5	6.8	350	24	160	68.0	260
84/06/27	0935		5.6	16.3	4.2	42.6	6.7	260	16	610J	34.0	180
84/07/11	1030		3.0	15.0	4.6	45.4	6.7	328	10	4400J	41.0	180
84/08/07	0955		2.0	16.7	3.4	34.7	7.0	290	18	2500	25.0	130
84/09/19	1020		1.4	16.2	3.8	38.4	7.2	260	14	680	20.0	150

DATE FROM TO	TIME	DEPTH METERS	00620 NITRATE T NO3-N mg/l	00615 NITRITE T NO2-N mg/l	00610 AMMONIA T NH3-N mg/l	00671 DIS-ORTHO PHOSPHRUS mg/l P	00665 TOTAL PHOSPHRUS mg/l P	00900 HARDNESS TOT CaCO3 mg/l	71900 MERCURY TOTAL Hg ug/l	01030 CHROMIUM DIS Cr ug/l	01040 COPPER DIS Cu ug/l	01049 LEAD DIS Pb ug/l
84/04/11	1400		0.36	0.01K	0.44		0.12	52.0	0.06K	1.0K	2.0	2.0
84/05/22	0955		0.42	0.01K	0.54		0.05	120.0	0.05K	2.0	1.0K	1.0K
84/06/27	0935		0.18	0.01K	0.49		0.12	92.0		1.0K	1.0K	1.0K
84/07/11	1030		0.43	0.01K	0.42		0.08	110.0	0.33	1.0K	2.0	1.0
84/08/07	0955		0.17	0.01K	0.53	0.30	0.37		0.05K	1.0K	1.0K	1.0K
84/09/19	1020		0.36	0.01	0.32		0.16	120.0	0.06K	0.3	12.7	1.0K

DATE FROM TO	TIME	DEPTH METERS	01090 ZINC DIS Zn ug/l	01025 CADMIUM DIS Cd ug/l	00340 COD HI LEVEL mg/l	00008 LAB LOG NUMBER	01065 NICKEL DIS Ni ug/l	01034 CHROMIUM TOT REC ug/l Cr	01042 COPPER TOT REC ug/l Cu	01051 LEAD TOT REC ug/l Pb	01092 ZINC TOT REC ug/l Zn	01027 CADMIUM TOT REC ug/l Cd
84/04/11	1400		19	0.20K	26	1555	1K	1.0K	13.0	14.0	102	0.60
84/05/22	0955		41	0.10K		2371	1K	4.0	1.0K	6.0	60	0.10
84/06/27	0935		4	0.10K	24	2894		13.0	20.0	14.0	20	0.40
84/07/11	1030		1K	0.10K	30	3096	1K	1.0K	18.0	11.0	3	0.10K
84/08/07	0955		1K	0.20K	29	3443	1K	1.0K	29.0	4.0	11	0.20K
84/09/19	1020		85	0.20K	37	4129	1K	3.1	32.7	1.0K	128	0.20

DATE FROM TO	TIME	DEPTH METERS	01067 NICKEL TOT Ni ug/l	34210 ACROLEIN TOT WATER ug/l	34215 ACRYLONI-TRILE TOT H2O ug/l	34030 BENZENE TOTAL ug/l	32102 CARBON TETRA Cl TOT ug/l	34301 CHLORO-BENZENE TOT ug/l	34531 12-DICHL OROETHANE TOT ug/l	34506 111-TRICL OROETHANE TOT ug/l	34496 11-DICHL OROETHANE TOT ug/l	34511 112-TRICL OROETHANE TOT ug/l
84/04/11	1400		1K	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/05/22	0955		1K	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/06/27	0935		5	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/07/11	1030		1K	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/08/07	0955		1K	10.0U	5.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/09/19	1020		1K	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

DATE FROM TO	TIME	DEPTH METERS	34516 1122TETRA CLOROTHNE TOT ug/l	34311 CHLOROE THANE TOT ug/l	34576 2-CHLOROE THYL VINY TOT ug/l	32106 CHLOROFRM WHOLE H2O TOT ug/l	34501 110ICHLOR OETHYLENE TOT ug/l	34546 12TRDICHL ORETHYLEN TOT ug/l	34541 12DICHLOR OPROPANE TOT ug/l	34561 13DICHLOR OPROPENE TOT ug/l	34371 ETHYL BENZENE TOT ug/l	34423 METHYLENE CHLORIDE TOT ug/l
84/04/11	1400		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/05/22	0955		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/06/27	0935		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/07/11	1030		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/08/07	0955		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/09/19	1020		2.0U	2.0U		2.0M	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U

DATE FROM TO	TIME	DEPTH METERS	34418 METHYL CHLORIDE TOT ug/l	34413 METHYL BROMIDE TOT ug/l	32104 BROMOFORM WHOLE H2O ug/l	32101 BROMODICL OROMTHANE TOT ug/l	34488 TRICHLORO FLRMTHANE TOT ug/l	34668 DICHLORO DIFRMTHNE TOT ug/l	32105 DIBROMOCH LOROMTHNE TOT ug/l	34475 TETRACHLO ROETHYLNE TOT ug/l	34010 TOLUENE IN WATER TOT ug/l	39180 TRICHLORO ETHYLENE TOT ug/l
84/04/11	1400		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/05/22	0955		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/06/27	0935		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/07/11	1030		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0M	2.0U
84/08/07	0955		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U
84/09/19	1020		2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0U	2.0M

DATE FROM TO	TIME	DEPTH METERS	39175 VINYL CHLORIDE TOT ug/l
84/04/11	1400		2.0U
84/05/22	0955		2.0U
84/06/27	0935		2.0U
84/07/11	1030		2.0U
84/08/07	0955		2.0U
84/09/19	1020		2.0U

APPENDIX L.

U.S. Environmental Protection Agency
Report of Western Processing Vicinity
May 1982 Survey

EB0257

administratively reviewed within EPA
and is for internal Agency use/
distribution only."

July 22, 1982

WESTERN PROCESSING VICINITY SURVEY
(Intensive Field Study of May 20-21, 1982)

INTRODUCTION

Western Processing Co., Inc. (7215 South 196th, Kent, Washington) has been in operation since 1957, initially as an animal by-product/brewer's yeast reprocessor and more recently as a recycler & reclaimer of a broad spectrum of industrial waste materials.

Inspections by Washington Department of Ecology, Seattle Metro, and EPA, going back to 1979, have shown potential operational problems with the site which may be resulting in introduction of waste materials to surface waters by direct runoff and/or by seepage to ground and then discharge to Mill Creek (commonly referred to as County Drain #1) via springs along the Western Processing Company's west boundary and/or immediately downstream from the processing site.

Recent surface water samples collected near the site by both DOE and Metro show elevated heavy metals and specific conductance levels, apparently from contaminants seeping from the site.

The purpose of EPA's field study was to collect surface water, ground water, and sediment samples both upstream (upgradient) and downstream (downgradient) from the site in order to verify other agency findings and to determine if off site influences from this facility were readily documentable in the form of elevated priority pollutant levels.

Figure 1 shows the local drainage as it existed at the time of the survey. Mill Creek, flowing at approximately 3 cfs, was quite turbid at all stations sampled. The east drain, which drains an area to the south and, east, was septic and had an estimated flow of 0.1 cfs. The east ditch was dry on May 20-21. This ditch receives storm runoff from a limited area along the east property line of Western Processing and possibly receives process waste discharge on occasion (hoses were noted drapped across the fence and personal communication between citizens using the jogging path and EPA investigators indicates that discharges from these hoses have been observed in the past). A low area or depression located north of S. 196th, which would receive flow from the east ditch, was dry. The east ditch contained some water in October, 1981, (personnel communication from Jack Sceva). Water entering the depression would either evaporate, spill over into Mill Creek, or perculate to Mill Creek through the soil zone. Figures 2A, 2B, and 2C show the site plan and cross section information for the vicinity of Western Processing.

SAMPLING PROGRAM

The sample stations shown on Figure 3 were selected in an attempt to determine existing conditions upstream, adjacent to and downstream from the Western Processing site. Sediment samples were obtained

J. Osborn 60/7 L-1 26.9 S

EB0258

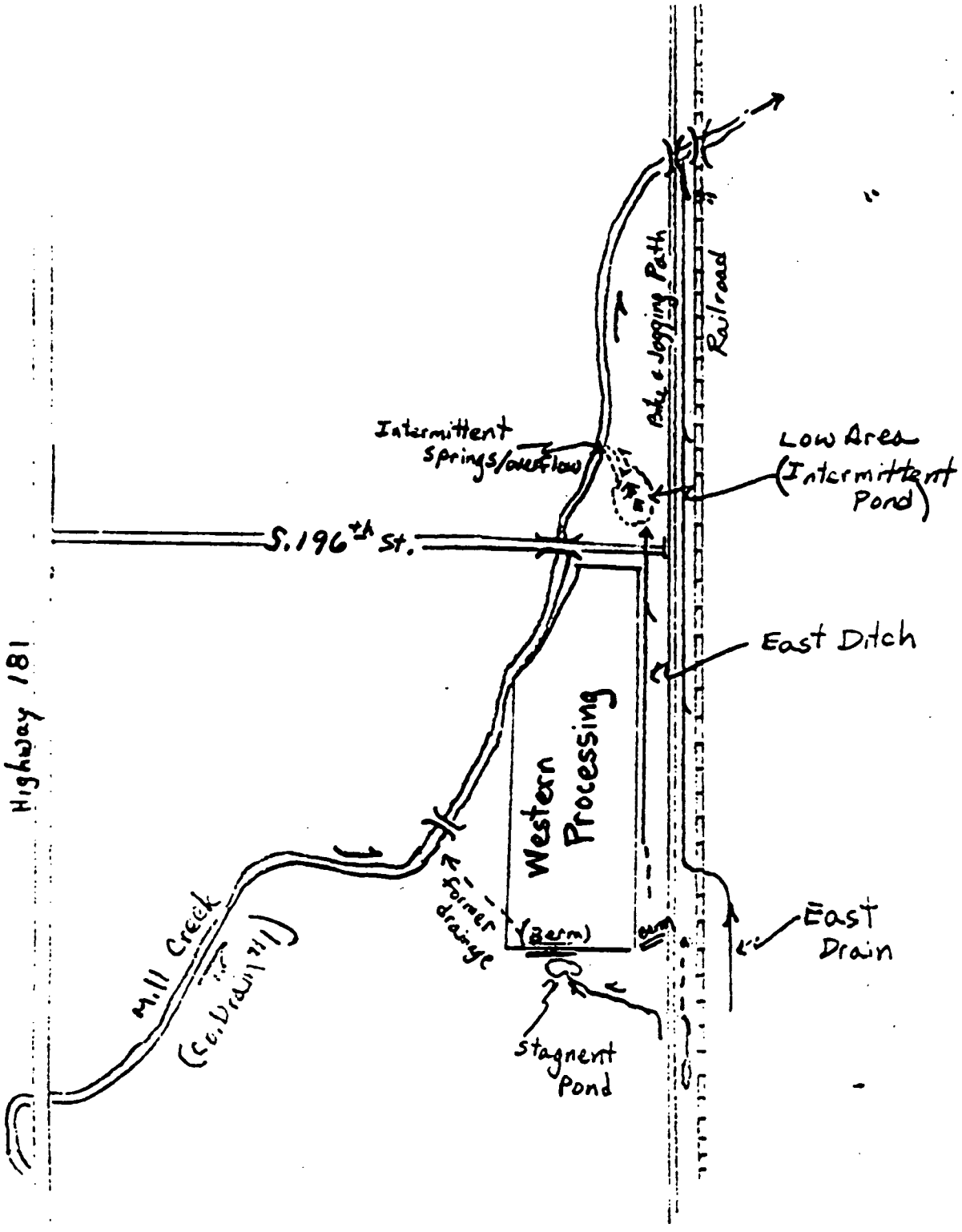
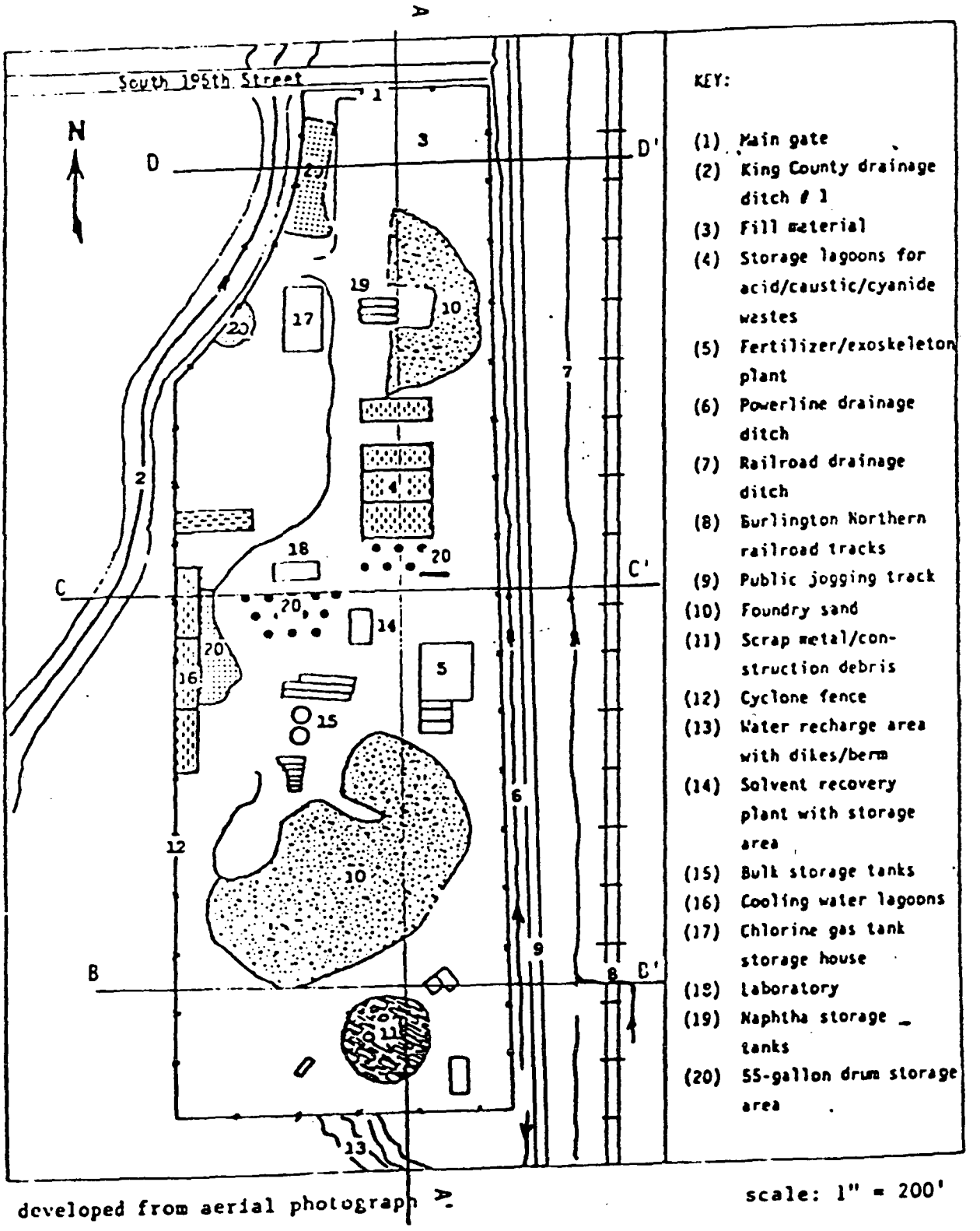


Figure 1. Western Processing Area
(not to scale)



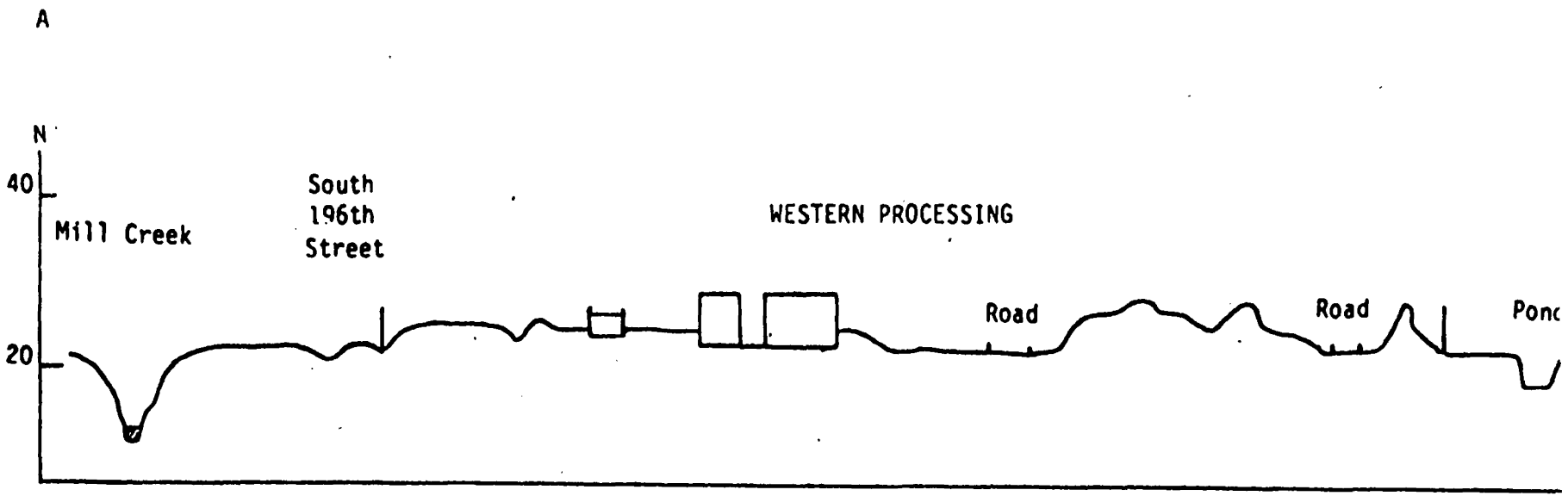
developed from aerial photograph

scale: 1" = 200'

SITE PLAN AND LOCATION
OF CROSS SECTIONS
WESTERN PROCESSING, INC.
KENT, WASHINGTON

Figure 2A

EB0260

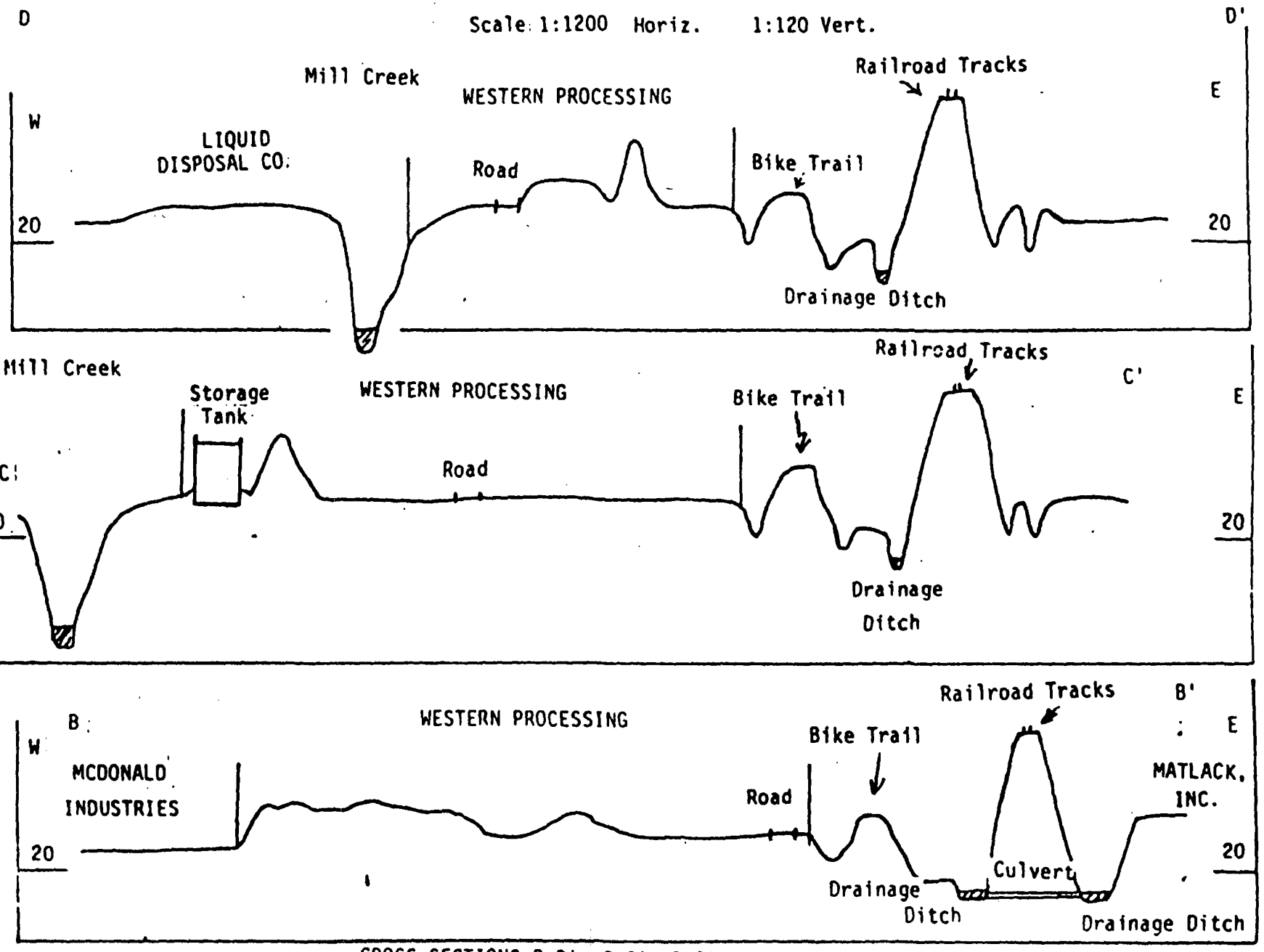


Scale 1:24000 Horizontal
1:240 Vertical

*Corps of Engineers map:
From aerial photograph 4/1

CROSS SECTION A - A'*
WESTERN PROCESSING, INC.
KENT, WASHINGTON

Figure 2 B



CROSS SECTIONS B-B', C-C', D-D'*
WESTERN PROCESSING, INC.
KENT, WASHINGTON

*Corps of Engineers map:
From aerial photograph 4/16/80

L-5

EB0262

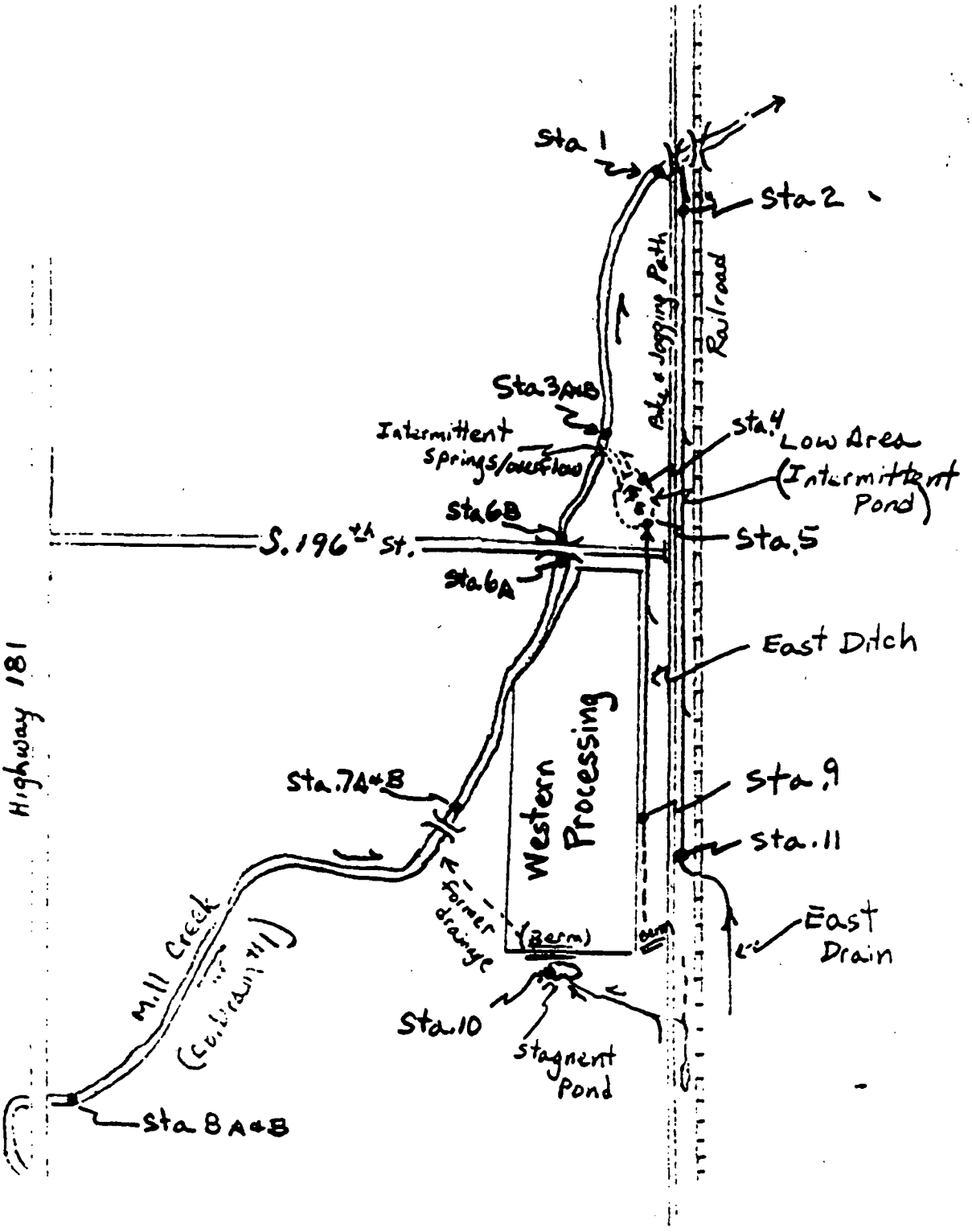


Figure 3. Sample Locations 5/20-21/82
(not to scale)

on all four sides of the property to characterize past or present drainage influences. Surface water samples were taken from standing water to the south as well as from several points in Mill Creek and the east drainage. And finally, well point samples were taken upstream, adjacent to the property, immediately downstream as well as downstream from the intermittant spring area referred to in the introduction. The well point samples were intended to measure possible contamination of the interstitial ground water directly below the stream bed.

Station locations and types of samples collected at each station are as follows:

Station Locations & Sample Type

Station 1 - Upstream edge of bike path bridge - Mill Creek. (Surface water sample and sediment sample).

Station 2 - East drain, 20 ft. upstream from mouth. (Surface water and sediment samples)

Station 3(A&B) - Mill Creek north of 196th St. and immediately downstream from intermittent pond spring/overflow point. (Surface water, well point & sediment samples).

Station 4 - Dry Pond area north of east ditch - north edge. Approximately 20 ft. south of second power pole N of 196th. (Sediment sample).

Station 5 - Dry pond area north of east ditch - south edge approximately 15 ft. S. of property corner W of bike path and N. of 196th. (sediment sample).

Station 6(A) - Mill Creek - upstream edge of 196th St. bridge. (Surface water and sediment sample).

Station 6(B) - Mill Creek - downstream edge of 196th St. bridge. (Well point sample).

Station 7(A&B) - Mill Creek, ≈40 ft. downstream from foot bridge. (Surface water, sediment and well point samples).

Station 8(A&B) - Mill Creek, ≈40 ft. downstream from highway 181 bridge. (Surface water, sediment & well point samples).

Station 9 - East ditch, ≈270 ft. north of Western Processing S. property line. (Sediment).

Station 10 - "Stagnant" pond located south of Western Processing. Samples collected ≈ 120 ft. E. of access road running N-S. (Surface water and sediment samples).

Station 11 - East drain at point it crosses RR ≈ 215 ft. N. of Western Processing - south property line. (Surface water and sediment sample).

SAMPLING METHODS

Surface water samples were collected by dipping the sample container into the stream. The sampler wore hip boots and rubber gloves to avoid contamination from the sampled media. Samples were taken from mid stream, immediately below the water surface. The following quantities were collected at each station:

(a) 1 gallon for extractable analysis (glass jar with teflon liner),

(b) 1/2 gal. for phenols (glass jar with teflon liner),

(c) 1/2 gal. for herbicides (glass jar with teflon liner),

(d) 1 quart cubitainer for metals,

(e) 1 quart cubitainer for cyanides, and

(f) 2 each - 20 ml. VOA containers for volatiles.

Well point samples were collected by driving a K-V Associates Model 12 well point sampler to a depth of five feet below the stream bed and pumping from the well point with a vacuum pump (part of the model 12 equipment). One quart of pumped water was wasted prior to sample collection. The same series of samples as for surface water was collected.

Sediment samples were collected using a clean garden shovel and placed in either 1 quart or 1/2 gallon glass bottles with teflon liners.

All samples were tagged and documented with station number, analysis required, date and time of sample and initialed by the sampler at the time of sampling. Samples were maintained in the custody of the sample team and delivered to the Region 10 lab by a member of the team on the date of sampling.

Quality Assurance

A field transfer (container opened & resealed in the field) and a field transport (sealed) blank were included as controls, to be analyzed along with the water and sediment samples. Prior to

sampling with the well point, the sampling device was cleaned with acetone, methonal, and distilled water. One gallon of wash water was wasted and a second gallon collected as a QA sample. Between sampling stations the well point and attachments were cleaned using methonal and one gallon of distilled water and then air dried.

The sediment sampler (shovel) was cleaned prior to use and between stations using distilled water, acetone, methanol and finally distilled water and then air dried.

Streamflow Measurement

The streamflow of Mill Creek was measured at four stations (1, 6, 7, & 8) using a Gurley current meter. The stream cross section was divided into segments on 1/2 ft. centers from the left bank to the right and the current meter was placed at 6/10 of the stream depth (measured from the water surface). The velocity of flow in each segment was determined by the revolutions per minute of the meter. The streamflow for each station was then determined by totaling the product of each segment's cross sectional area and velocity for all segments.

Parameter Coverage

Analyses were completed for all priority pollutants as well as additional contaminants identified under the Primary Drinking Water Regulations for each station (both sediment and water samples). Additionally, the water samples were analyzed for pH and conductivity. The EPA regional laboratory used approved EPA laboratory methods and followed associated QC procedures for all determinations.

STORET

STORET numbers assigned each station are as follows:

Station No.	STORET Secondary No.
1	11 H009
2	11 H010
3A	11 H011
3B	11 H012 (well point)
4	11 H013
5	11 H014
6A	11 H015
6B	11 H016 (well point)

Station No.	STORET Secondary No.
7A	11 H017
7B	11 H018 (well point)
8A	11 H019
8B	11 H020 (well point)
9	11 H021
10	11 H022
11	11 H023

RESULTS

On the first day of sampling a light oil sheen was noted on Mill Creek in the morning. The sheen was present at 10:45 am, at the time station 1 was sampled but was no longer observed at the end of the day (3:10 pm when station 8 was sampled). Sampling and analysis for oil was not within the scope of this study however; since a sheen was noted and since oil sheen has also been observed on Mill Creek upstream from Western Processing (H. Aldis - E&E personal communication) on 7/28/82, that fact is stated here for future consideration.

Tables I, II, and III present the analytical results of the survey. Only those chemicals identified as present are reported in the tables. Numbers followed by an "m" indicate the chemical was identified as present but at concentrations less than the limits of quantification. If the chemical was also present in one of the QA blanks at 20% of that in the sample, the sample value was considered as invalid, rejected, and thus is not reported here. Eight contaminants were found in one or more of the blanks at concentrations sufficient to trigger data rejection as follows:

Chromium - 14 rejections
Lead - 5 rejections
Mercury - 13 rejections
Copper - 17 rejections
Nickel - 2 rejections
Phenolics - 7 rejections
Bis (2 ethyhexyl) phthalate - 5 rejections
Di-n-butyl phthalate - 2 rejections.

Blank sample data are given in Table IV.

Table I

Water Data* — Western Processing Vicinity Survey — May 20-21, 1982

	1	2	3	4	5	6	7	8	9	10
Station **	8A (surface water)	8B (well point)	7A (surface water)	7B (well point)	6A (surface water)	6B (well point)	3A (surface water)	3B (well point)	1 (surface water)	10 (surface water)
Lab Number	20027	20029	20022	20021	20025	20056	20056	20053	20015	20050
Date Sampled	5/20/82	5/20/82	5/20/82	5/20/82	5/20/82	5/20/82	5/21/92	5/21/82	5/20/82	5/21/82
Time Sampled	15:10	15:40	14:35	15:00	12:45	12:30	12:25	11:15	10:45	11:00
est. stream flow	3 cfs				3.37 cfs				3.5 cfs	
Parameters										
B/N Fraction:										
Acenaphthene	-	-	-	-	-	0.57	-	-	-	-
Isophorone	-	-	-	-	0.2	-	-	-	-	-
Napthalene	-	-	-	-	-	0.06m	-	-	-	-
Bis (2 ethyl hexyl) phthalate	-	320	-	34	4.2	5	-	5.6	33	-
Di-n-butyl phthalate	-	-	0.07	-	0.14	-	-	-	0.2	-
Di-n-octyl phthalate	0.1m	-	6.8	-	-	-	-	0.8	-	0.4
Acid Fraction:										
2,4 dichlorophenol	-	-	-	-	1.9	-	1.8	-	2.8	-
2,4 dimethyl phenol	-	-	-	-	5.2	4.6	4.6	-	3.4	-
phenol	-	-	-	-	-	-	120	1.5	1.1	-
***tetrachlorophenol	-	0.004	-	-	-	0.001	0.002	-	-	0.004
***pentachlorophenol	-	0.007	-	0.004	-	0.002	-	0.001	-	
Volatiles:										
1,2 dichloroethane	-	-	1m	-	1m	-	1m	-	-	-
1,1,1 trichloroethane	-	-	33	-	8.7	-	10	-	7	-
1,1 dichloroethane	-	-	1m	-	1.7	-	1.8	-	1.5	-
Chloroform	-	-	19	1.8	45	-	51	-	36	-
1,1 dichloroethylene	-	-	-	-	1m	-	1.3	-	-	-
1,2 trans dichloroethylene	1m	-	-	-	36	-	45	-	26	-
Ethylbenzene	-	-	-	-	1m	-	1m	-	1m	-
Methylene Chloride	-	-	-	-	98		57	-	74	-

*All data reported in ug/l unless noted, a dash (-) in the table indicates not detected.
**Station 10 is located in pond south of Western Processing property, all other stations are in Mill Creek.
***Analyzed by Gas Chromatograph, other organics analyzed by GS/MS unless noted

Table I (cont.)

Water Data — Western Processing Vicinity Survey - May 20-21, 1982

Station #	1 8A		2 8B		3 7A		4 7B		5 6A		6 6B		7 3A		8 3B		9 1		10 10	
Volatiles: (cont.)																				
Trichlorofluoromethane	-		-		-		-		1m		-		1m		-		1m		-	
Tetrachloroethylene	-		-		1.5		-		2.6		-		3.3		-		2.6		-	
Toluene	-		-		-		-		1m		-		1m		-		1m		-	
Trichlorethylene	-		-		-		13		35		-		44		-		43		-	
Pesticides:																				
4,4' DDT	-		-		-		.017		-		-		-		-		-		-	
4,4' DDE	-		-		-		.06		-		-		-		-		-		-	
Metals Total/Dissolved	T	D	T	D	T	D	T	D	T	D	T	D	T	D	T	D	T	D	T	D
Arsenic mcl* (50)	8	-	1733	15	6	-	147	29	23	-	515	-	-	-	483	11	6	4	6	6
Beryllium	-	-	0.69	-	-	-	-	-	-	-	-	-	-	-	7.2	-	-	-	-	-
Cadmium (10)	0.3	0.3	10	0.2	0.3	0.3	8.7	7.1	53	38	1.2	-	45	29	1.4	-	46	34	0.3	-
Chromium (50)	-	-	2500	-	-	-	200	-	24	26	490	-	33	22	350	-	36	29	-	-
Copper	-	-	2450	-	-	-	166	-	116	-	850		66	-	593	-	125	-	-	-
Lead (50)	24	-	232	-	20	2	-	-	20	11	-	-	19	-	-	-	20	4	35	4
Mercury (2)	0.2	-	11	-	0.2	-	-	-	0.3	-	1.8	-	0.1	-	1.1	-	0.3	-	0.1	-
Nickel	14	7	720	-	495	13	747	270	261	180	207	-	-	-	243	-	261	207	24	3
Selenium (10)	-	-	160	-	-	-	-	-	-	-	25	-	-	-	20	-	-	-	-	-
Silver	-	-	4.5	-	-	-	-	-	-	-	1.2	-	-	-	1.2	-	-	-	-	-
Zinc	30	20	4550	10	168	150	395	450	2250	1800	1265	-	2250	1820	840	10	2300	1780	30	20
Phenolics:	-		-		-		-		245		-		202		-		210		-	
Cyanide:	5		5m		0		110		10		8		6		5		15		5	
pH (units)	7.1		6.6		7.0		4.6		6.8		6.9		6.8		6.4		6.7		7.2	
Conductivity (u mhos)	332		210		526		969		600		621		600		548		610		384	

*Drinking water standard maximum contaminant level

Table 11

Sediment Data*

Western Processing Vicinity Survey - May 20-21, 1982

**	1	2	3	4	5	6	7	8	9	10
Station #	8	7	6	9	5	4	3	1	10	
Lab Number	20028	20024	20025	20062	20020	20019	20059	20016	20057	
Date Sampled	5/20/82	5/20/82	5/20/82	5/21/82	5/20/82	5/20/82	5/21/82	5/20/82	5/20/82	
Time Sampled	15:10	14:35	12:45	11:55	12:30	12:20	12:25	10:45	11:00	
Parameters										
B/N Fraction:										
Acenaphthene	—	—	2300	2700	1300	—	—	—	—	
Fluoranthene	—	—	29,000	99,000	22,000	12,000	25	60m	—	
Napthalene	—	—	29,000	76,000	660	—	—	—	—	
Bis (2-ethyl hexyl) phthalate	—	—	—	120,000	—	—	—	—	—	
Benzo (a) anthracene/Chrysene	—	—	6,000	13,000/22,000	126,000	8,000	—	—	—	
Benzo (a) pyrene - (estimate)	—	—	1500m	—	7,200	—	—	1500m	—	
3,4 benzofluroanthene } and/or Benzo (k) fluoranthene	—	—	4,000	—	8,400	—	—	—	—	
Acenaphthylene	—	—	35	—	—	—	—	—	—	
Anthracene } and/or Phenanthrene	—	—	8,800	30,000 80,000	34,000	—	36	20m	—	
Fluorene	—	—	1800	2100	1400	—	—	—	—	
Acid Fraction:										
Pentachlorophenol by GC/MS	—	—	—	—	—	2000	—	—	—	
Pentachlorophenol by GC	69	—	—	1200	—	3040	—	—	—	
Phenol	—	—	—	3900	220	—	—	—	—	
Tetrachlorophenol (by GC)	92	—	—	115	—	7860	—	—	—	

* All data reported in ug/kg unless noted.

** Stations sequenced from upstream to downstream, that is, stations 8, 7, 6, 3 and 1 on Mill Creek, stations 9, 5, and 4 (to station 3) on East Ditch drainage, and station 10 from seperate drain.

Table II (cont.)

Station #	8	7	6	9	5	4	3	1	10	
Volatile Fraction:										
Benzene	—	—	2m	—	—	—	—	—	—	
1,2 Dichloroethane	—	—	2m	—	—	—	—	—	—	
1,1,1 Trichlorethane	—	—	165	10	—	—	—	—	—	
1,1 Dichlorethane	—	—	25	2m	—	—	—	2m	—	
1,1,2 Trichloroethane	—	—	12	—	—	—	—	—	—	
1,1,2,2 Tetrachloroethane	—	—	2m	—	—	—	—	—	—	
Chloroform	—	—	3	6	—	—	—	—	—	
1,1 Dichloroethylene	—	—	33	—	—	—	—	—	—	
1,2 Trans Dichloroethylene	—	—	160	6	2m	—	2m	2m	—	
Ethylbenzene	—	—	—	3	—	—	—	2m	—	
Methylene Chloride	—	—	—	15	—	—	—	—	—	
Dichlorodifluoromethane	—	—	—	—	—	2m	—	—	—	
Tetrachlorethylene	—	—	8	50	—	—	2m	—	—	
Toluene	—	—	—	3	—	—	—	—	—	
Trichloroethylene	—	—	155	3	2m	2m	2m	2m	—	
Pesticides:										
4,4' DDE	2	—	—	—	—	—	—	[illegible]	—	
PCB - 1254	—	—	520	2450	1430	22,700	—	—	440	
PCB - 1260	—	—	170	1060	570	14,500	—	—	730	
Metals - EP Toxicity (ug/l):										
Limits:										
Beryllium	—	—	—	—	3.8	3.8	—	—	—	
1000 Cadmium	4.5	0.6	11	2850	65	36	60	1.8	0.6	
5000 Chromium	10	10	21	11	46	45	11	10	11	
Copper	8	3	8	221	30	63	35	5	5	
5000 Lead	[illegible]	7	[illegible]	[illegible]	18	—	[illegible]	4	[illegible]	
200 Mercury							[illegible]		0.1	

Table II (cont.)

		1	2	3	4	5	6	7	8	9	10
Station #		8	7	6	9	5	4	3	1	10	
Metals Cont. - EP Tox. ug/l											
Limits:											
	Nickel	2	10	45	85	190	58	170	19	2	
	Zinc	750	210	370	420,000	17,500	3600	3800	450	340	
100,000	Barium	200	200	150	500	200	150	300	150	250	
Cyanide		—	160	3400	13,900	3200	640	—	—	410	
Phenolics		134m	205	862	21,200	966	772	143m	249	735	

Table III

Western Processing Vicinity Survey

East Drain Data — May 20-21, 1982

		1	2	3	4
	Station #	11 (water)	11 (sediment)	2 (water)	2 (sediment)
	Units	ug/l	ug/kg-	ug/l	ug/kg
1	Lab Number	20051	20058	20017	20018
2	Date Sampled	5/21	5/21	5/20	5/20
3	Time Sampled	11:40	11:40	11:00	11:00
4	Est. Stream Flow	< 0.1 cfs		0.1 cfs	
5					
6	Parameters				
7	B/N Fraction:				
8	Fluoranthene	0.2m	-	0.2m	85
9	Napthalene	-	-	-	16m
10	Di-n-octyl phthalate	-	-	0.5	-
11	Anthracene/phenanthrene	-/0.45	-	-/0.24	32
12	Pyrene	-	-	0.2m	33
13	Acid Fraction:				
14	2,4 dichlorophenol	-	-	1m	-
15	2,4 dimethyl phenol	-	-	13	-
16	Phenol	0.4	-	-	-
17	Volatiles:				
18	1,2 dichlorethane	-	-	1m	-
19	1,1,1 trichloroethane	-	-	62	-
20	1,1 dichloroethane	-	2m	6.3	-
21	Chloroethane	-	-	-	2m
22	Chloroform	-	2m	3	-
23	1,1 dichloroethylene	-	-	12	-
24	1,2 trans dichloroethylene	7.1	2m	23	7.7
25	Methylene Chloride	-	-	206	-
26	Tetrachloroethylene	-	-	2m	-
27	Toluene	5	-	14	420
28	Trichloroethylene	-	-	97	2m
29	Pesticides:				
30	4,4' DDT	-	5	-	6
31	4,4' DDE	-	11	-	11
32	4,4' DDD	-	19	-	27
33	Metals:	Total/Dissolved	(EP Tox ug/l)	Total/Dissolved	(EP Tox ug
34	Arsenic	17 / 13	7.5	19 / 6	-
35	Cadmium	0.5 / -	4.7	22 / 2.4	62
36	Chromium	- / -	10	- / -	11
37	Copper	- / -	3	- / -	5
38	Lead	23 / 4	-	22 / -	5
39	Mecury	0.1 / -	0.1	0.2 / -	-
40	Nickel	40 / 12	21	144 / 122	48
41	Zinc	240 / 200	3150	15100 / 9050	9,800
42	Barium	- / -	300	- / -	200
43	Phenolics	240	175 ug/kg	50	333 ug/k
44	Cyanide	12	-	5m	-
45	pH (units)	6.9	-	6.8	-
46	Conductivity (umhos)	495	-	789	-
47					

Table IV
Quality Assurance Data *
Western Processing Vicinity Survey

Parameters	Transfer Blank	Transport Blank	Well Point Blank
B/N Fraction:			
Bis (2-ethyl hexyl) phthalate	0.4	-	0.5
Di-n-butyl phthalate	-	-	1.9
Di-ethyl phthalate	-	-	0.16
Metals:			
(Dissolved)			
Chromium	3	3	7
Copper	9	11	6
Lead	-	-	4
Mercury	0.1	0.1	0.1
Nickel	-	-	2
(Total)			
Arsenic	-	-	6
Cadmium	-	-	0.2
Chromium	3	3	7
Copper	11	6	12
Lead	1.8	1.2	20
Mercury	-	-	0.1
Nickel	-	-	4
Silver	-	-	0.3
Phenolics	5m	-	5m

*All concentrations in ug/l

Surface Water Samples

Samples collected in Mill Creek show a marked increase in priority pollutants (both in quantity and variety) over the reach of stream monitored as shown below:

Number of Station	Compounds	Concentration of Total Quantifiable Pollutants (ug/l)	Stream Flow (cfs)	Quantity of Pollutant (lb/day)
8	6	31	3	0.5
7	12	234		
6	24	2549	3.37	46.3
3	21	2418		
1	23	2468	3.5	46.6

Since there is a wide variation in impact of one priority pollutant compared to another, and there may be synergistic and other effects from various combinations of chemicals, the significance of the above comparison is not clear; however, the data is presented in this manner to demonstrate the magnitude of in-stream pollutant changes in the vicinity of Western Processing.

Station 10, a small pond to the south of Western Processing appears to receive the majority of its inflow from a limited area to the southeast, along the west side of the jogging path. Seepage from Western Processing may also contribute to the pond. Seven compounds were identified with a combined concentration of 38 ug/l.

Stations 11 and 2 are located in a drain running between the jogging path and railroad tracks east of Western Processing. Contaminated flow enters this ditch from the southeast as can be shown from the upstream sample results of 11 compounds present and a combined concentration of 495 ug/l (estimated flow < 0.1 cfs). There is a significant increase in compounds at the downstream sample point (station 2) with 22 chemicals and a 9,668 ug/l combined concentration (est. flow 0.1 cfs). There is no apparent surface input to the ditch between the stations; however, the elevation of the ditch is several feet lower than the Western Processing site elevation and ground water seepage from the direction of Western Processing may be a contributor to the increased contaminants in the ditch.

Sediment Samples

The most contaminated surface water station on Mill Creek (6) also had the largest sediment contamination - 31 compounds with a combined concentration of over 87,000 ug/kg. For comparison, sample results for upstream stations 8 & 7 had respectively 11 and 9 compounds and 1,128 ug/kg and 806 ug/kg concentrations. Downstream stations 3 & 1 registered 14 and 16 compounds and 4,439 ug/kg and 892 ug/kg respectively.

Sediments in the east ditch and intermittent pond represented by Stations 9, 5, & 4 were also highly contaminated with 32 compounds identified at Station 9 (955,600 ug/kg). 23 at Station 5 (225,400 ug/kg) and 19 at Station 4 (75,500 ug/kg). There is no obvious source of flow to this ditch other than from Western Processing property. During high flow periods, the pond would drain to Mill Creek just upstream from Station 3. It is likely that springs noted by DOE Redmond (G. Gregory) on April 2, 1982, upstream from Station 3 are fed from the same pond as it seeps to ground and dries up.

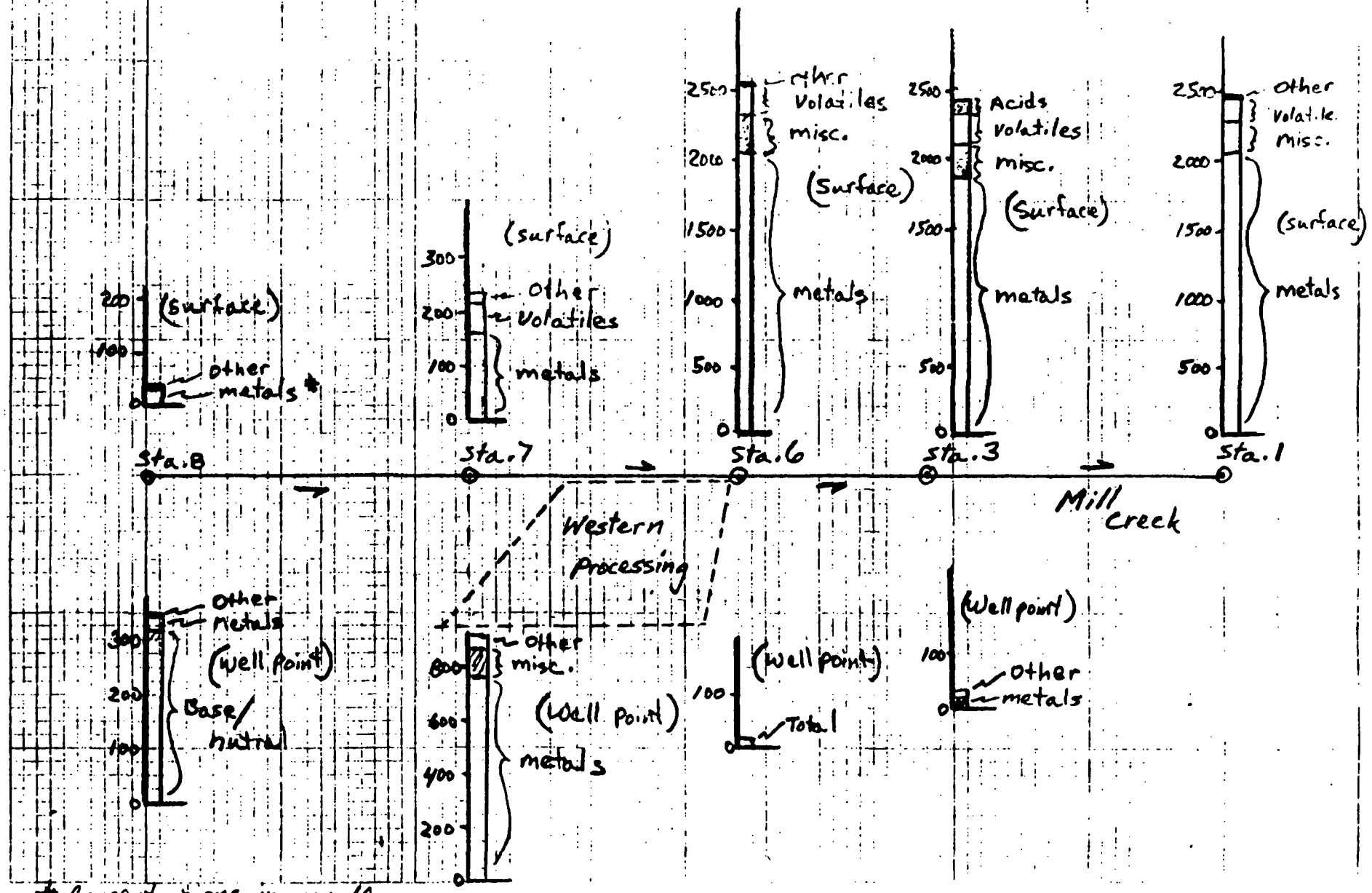
Well Point Samples

Accurate interpretation of the well point sample data is not presently possible due to lack of essential hydrological data. The missing data deal with micro and macro hydrogeology of this site. Mill Creek is a line discharge boundry for regional flow in the unconfined (water table) aquifer. This aquifer may have local (micro scale) variations in flow direction, particularly in the immediate vicinity of a discharge boundry. Such variations in flow result from the presence of zones of higher or lower permeability ("aquatard" or "aquifuge"); and factors such as the extent of sealing along the bottom of Mill Creek. Additional factors controlling the hydrology at this location involve the possible mounding of ground water at the Western Processing site. Such a condition could result in shallow flow in directions other than that of the principal flow (regional flow). Before a detailed, quantitative statement could be made concerning mass loading of contaminants to Mill Creek, a thorough, detailed, hydrogeological investigation would be required.

The information obtained represents the quality of interstitial (that is ground water moving generally towards the surface stream or with the stream) water at points along the creek. Taken at a depth of five feet below the stream bottom, the samples indicate the presence of contaminants; however, the source of these contaminants cannot be determined with present data.

Figures 4, 5, and 6 represent graphically the distribution of total compound concentrations at each sample point in the study area. Each bar chart is divided into base/neutral, acid, volatile and metals fractions to demonstrate the type of compounds most present at each station.

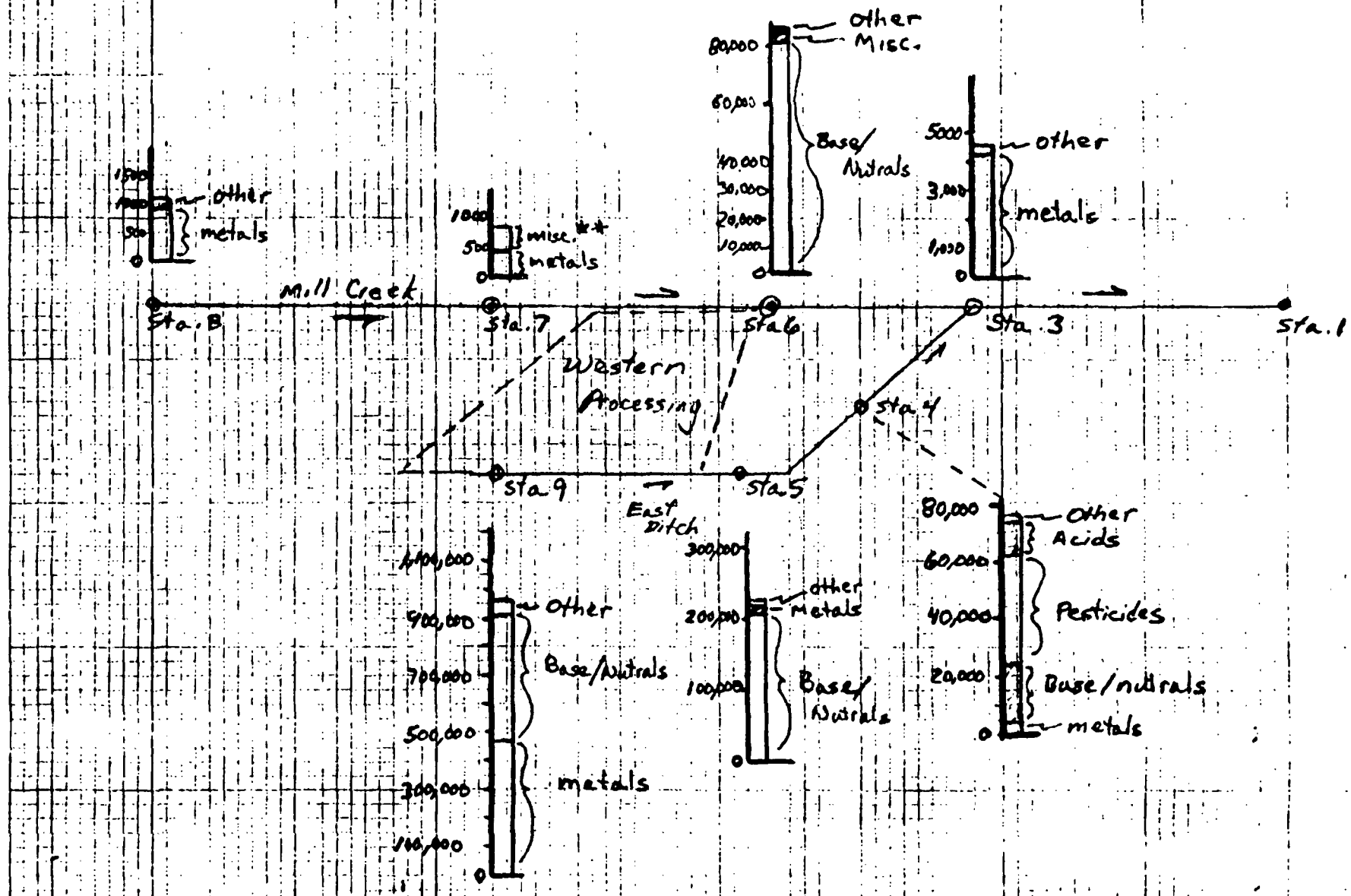
Figure 4 – Surface Water & Well Point Data Summary * (Mill Creek)



* Concentrations in µg/l

** Dissolved metals only, misc. = Cyanide + phenolics

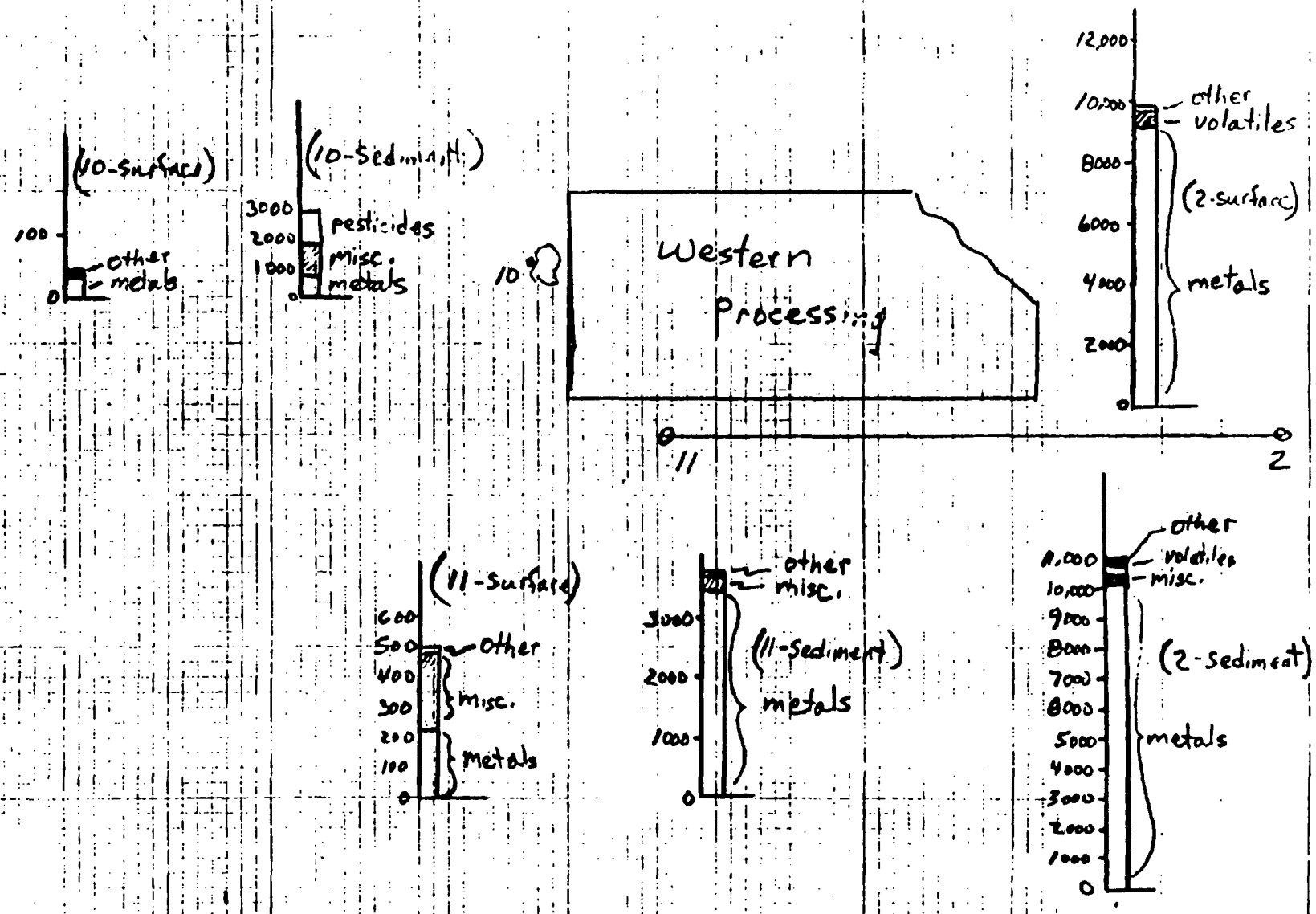
Figure 5 — Sediment Data *
(Mill Creek & East Ditch)



* Concentrations in ug/kg for all constituents except metals which are given as ug/l for EP Toxicity

** misc. includes phenolics and cyanide

Figure 6 - Surface Water & Sediment Data Summary*
(South Pond and East Drain)



* water and sediment metals data in ug/l, other sediment data in ug/kg.

Criteria Exceedance

Several suspected carcinogens are included in the chemicals identified during this study. These include but are not necessarily limited to the following:

trichloroethylene
tetrachloroethylene
tetrachlorophenol
1,1,1 trichloroethane
1,1 dichloroethane
chloroform
1,1 dichloroethylene
1,2 trans-dichloroethylene
methylene chloride

None of the above compounds were found individually at concentrations considered acutely toxic for humans as cited in EPA's Water Quality Criteria Documents (Federal Register Vol. 45. No. 231, Nov. 28, 1980).

The drinking water standard for cadmium (10 ug/l) was exceeded at three surface water stations: 6 (38 ug/l), 3 (29 ug/l), and 1 (34 ug/l). The EP Toxicity limit for cadmium (1,000 ug/l) as well as lead (5000 ug/l) were also exceeded at sediment Station 9 (2850 ug/l & 43,200 ug/l respectively).

In addition to the above, the suggested aquatic life criteria for several chemicals were exceeded as follows:

Parameter	Water Quality Criteria (24 hr. avg.)	Stations with Possible Exceedance
Cadmium	0.012 - 0.051 ug/l (hardness dependent)	8, 7, 6, 3, 1, & 2
Chromium	0.29 ug/l	6, 3, & 1
Lead	0.75-20 ug/l (hardness dependent)	7, 6, 1, 10, & 11
Nickel	59-160 ug/l (hardness dependent)	6, 1, & 2
Zinc	47	7, 6, 3, 1, 11, & 12
Cyanide	3.5	8, 7, 6, 3, 1, 10, & 11

CONCLUSIONS & RECOMMENDATIONS

From the data obtained as a result of the May 20, and 21, 1982, survey it may be concluded that the surface water (Mill Creek) was more contaminated downstream from Western Processing on those dates than it was upstream. In addition to Western Processing one other company, Lidco, a waste hauler located across Mill Creek from Western Processing, may be considered suspect because of the nature of its business. The scope of this study was not broad enough to establish a definite source of the stream contamination between stations 7 and 6. While the general cleanliness of the Lidco site does not suggest current practices contributing to stream pollution, past practices are an unknown.

The chemical contamination of soils in the ditch east of Western Processing is an entirely different matter. The drainage to that ditch has no apparent source other than Western Processing. The highly contaminated sediment found at station 9, including EP toxicity exceedance is likely a direct result of Western Processings activities.

Additional surface water studies may be considered during "wet weather" conditions to add to the data base and better document the movement of contaminants from the immediate vicinity of Western Processing. However the data presently available clearly demonstrates a significant influence in the level of contamination from the study area.

EPA has previously suggested construction of several shallow test wells around the perimiter of Western Processing to define the source, movement & magnitude of contamination. Such a study expanded to include additional sediment analysis could prove valuable in better assessment of the problem and definition of criteria exceedance.

APPENDIX M.

U.S. Environmental Protection Agency Water Quality Data for Mill Creek Survey, January 1984

BB0282

U.S. Environmental Protection Agency, Region X, Environmental Services Division, Field Operations and Technical Support Branch. Hydrologic Data for Mill Creek Survey. (unpublished) January 1984.

These data were obtained from Region X EPA files and include results from the Mill Creek water quality and sediment survey conducted in January 1984. Metal loadings were calculated for Mill Creek using January 1984 and May 1982 survey results.

MILL CREEK METALS LOADING

********** January, 1984 Survey **********

FLOW (cfs) STATION		Zn		Pb		Cu		Ni		Cr	
		Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total
15.51	lb/Day ->	54.3	60.7	0.3	1.3	3.8	11.7	5.9	6.8	0.6	1.7
Station 1	µg/l. ->	649	729.0	3.0	15	46.0	140.0	71.0	81.0	7.0	20.0
13.19	lb/Day ->	45.3	49.3	0.1	1.1	3.1	7.2	4.8	5.3	0.6	1.3
Station 6A	µg/l. ->	637.0	695.0	2.0	16 0	44.0	101.0	67.0	75.0	8.0	19.0
11.17	lb/Day ->	2.3	1.9	0.1	0.8	0.8	4.9	3.2	3.4	--	--
Station 8A	µg/l. ->	38.0	32.0	2.0	14.0	14.0	78.0	53.0	56.0	--	--
		********** May, 1982 Survey **********									
3.5	lb/Day ->	33.6	43.4	0.08	0.4	--	2.4	.04	4.9	0.5	0.7
Station 1	µg/l. ->	1780	2300	4.0	20.0	--	125.0	2.07	261.0	29.0	36.0
3.37	lb/Day ->	32.7	40.9	0.2	0.4	--	2.1	3.3	4.7	0.5	0.4
Station 6A	µg/l. ->	1800	2250	11.0	20.0	--	116.0	180	261.0	26.0	24.0
3.0	lb/Day ->	0.3	0.5	--	0.4	--	--	0.1	0.2	--	--
Station 8A	µg/l. ->	20.0	30.0	--	24.0	--	--	7.0	14.0	--	--

METALS - MILL CREEK - WATER - TOTAL

COMPOUND	(µg/l)† STATION 1	(µg/l) STATION 6A	(µg/l) PIPE	(µg/l) STATION 8
ARSENIC (As)	1u	1u	1u	1u
ANTIMONY (Sb)	1u	1u	1u	1u
BERYLLIUM (Be)	.2u	.2u	.2u	.2u
CADMIUM (Cd)	11.2	10.8	44.2	.2u
CHROMIUM (Cr)	20	19	8	1u
COPPER (Cu)	140	101	435	78
LEAD (Pb)	15	16	17	14
MERCURY (Hg)	.06u	.06u	.06u	.06
NICKEL (Ni)	81	75	633	56
SELENIUM (Se)	1u	1u	2	2
SILVER (Ag)	.2	2.3	.2	.6
THALLIUM (Tl)	1u	1u	1u	1u
ZINC (Zn)	729	695	6800	32

* The letter u indicates that the compound was not detected at the level of detection indicated; the letter m indicates that the compound was detected below the limit of quantification indicated.

† Micrograms per liter, or parts per billion.

VOLATILES CONCENTRATIONS - MILL CREEK - WATER

COMPOUND	(μg/l)† STATION 1	(μg/l) STATION 6A	(μg/l) PIPE	(μg/l) STATION 8
ACROLEIN	10u*	10u	10u	10u
ACRYLONITRILE	5u	5u	5u	5u
BENZENE	2u	2u	2m	2u
CARBON TETRACHLORIDE	2u	2u	2u	2u
CHLOROBENZENE	2u	2u	2u	2u
1,2-DICHLOROETHANE	2u	2u	2u	2u
1,1,1-TRICHLOROETHANE	2.5	2u	3.3	2u
1,1-DICHLOROETHANE	2m	2m	2u	2u
1,1,2-TRICHLOROETHANE	2u	2u	2u	2u
1,1,2,2-TETRACHLOROETHANE	2u	2u	2u	2u
CHLOROETHANE	2u	2u	2u	2u
2-CHLOROETHYLVINYL ETHER	2u	2u	2u	2u
CHLOROFORM	9.4	10	2u	2u
1,1-DICHLOROETHYLENE	2u	2u	2u	2u
1,2-TRANS-DICHLOROETHYLENE	2u	2u	2u	2u
1,2-DICHLOROPROPANE	2u	2u	2u	2u
1,3-DICHLOROPROPYLENE	2u	2u	2u	2u
EHTYLBENZENE	2u	2u	2m	2u
METHYLENE CHLORIDE	2u	2u	2u	2u
METHYL CHLORIDE	10u	10u	10u	10u
METHYL BROMIDE	2u	2u	2u	2u
BROMOFORM	2u	2u	2u	2u
DICHLOROBROMOMETHANE	2u	2u	2u	2u
TRICHLOROFLUOROMETHANE	2u	2u	2u	2u
DICHLORODIFLUOROMETHANE	2u	2u	2u	2u

VOLATILES CONCENTRATIONS - MILL CREEK - WATER (CONTINUED)

COMPOUND	(µg/l)† STATION 1	(µg/l) STATION 6A	(µg/l) PIPE	(µg/l) STATION 8
CHLORODIBROMOMETHANE	2u*	2u	2u	2u
TETRACHLOROETHYLENE	2m	2m	2m	2m
TOLUENE	2u	2u	6.4	2u
TRICHLOROETHYLENE	12	15	4.3	2u
VINYL CHLORIDE	2u	2u	2u	2u

* The letter u indicates not detected at the detection limit shown; the letter m indicates that the compound was detected, but below the limit of quantification shown.

† Micrograms per liter, or parts per billion.

BASE/NEUTRAL COMPOUNDS - MILL CREEK - WATER

COMPOUND	(μg/l)† STATION 1	(μg/l) STATION 6A	(μg/l) PIPE	(μg/l) STATION 8
ACENAPHTHENE	0.05u*	0.05u	5u	0.05u
BENZIDINE	0.2u	0.2u	20u	0.2u
1,2,4-TRICHLOROBENZENE	0.1u	0.1u	10u	0.1u
HEXACHLOROBENZENE	0.1u	0.1u	10u	0.1u
HEXACHLOROETHANE	0.1u	0.1u	10u	0.1u
BIS(2-CHLOROETHYL)ETHER	0.05u	0.05u	5u	0.05u
2-CHLORONAPHTHALENE	0.05u	0.05u	5u	0.05u
1,2-DICHLOROBENZENE	0.1u	0.1u	10u	0.1u
1,3-DICHLOROBENZENE	0.1u	0.1u	10u	0.1u
1,4-DICHLOROBENZENE	0.1u	0.1u	10u	0.1u
3,3-DICHLOROBENZIDINE	0.1u	0.1u	10u	0.1u
2,4-DINITROTOLUENE	0.3u	0.3u	30u	0.3u
2,6-DINITROTOLUENE	0.3u	0.3u	10u	0.3u
1,2-DIPHENYLHYDRAZINE	0.1u	0.1u	5u	0.1u
FLUORANTHENE	0.05u	0.05u	10u	0.05u
4-CHLOROPHENYL PHENYL ETHER	0.1u	0.1u	10u	0.1u
4-BROMOPHENYL PHENYL ETHER	0.3u	0.3u	30u	0.3u
BIS(2-CHLOROISOPROPYL)ETHER	0.05u	0.05u	5u	0.05u
BIS(2-CHLOROETHOXY)METHANE	0.05u	0.05u	5u	0.05u
HEXACHLOROBUTADIENE	0.2u	0.2u	20u	0.2u
HEXACHLOROCYCLOPENTADIENE	0.5u	0.5u	50u	0.5u
ISOPHORONE	0.03u	0.15	3u	0.03u
NAPHTHALENE	0.03u	0.13	3u	0.06
NITROBENZENE	0.05u	0.05u	5u	0.05u
N-NITROSODIMETHYLAMINE	----	----	----	----

BASE/NEUTRAL COMPOUNDS - MILL CREEK - WATER (CONTINUED)

COMPOUND	(μg/l)† STATION 1	(μg/l) STATION 6A	(μg/l) PIPE	(μg/l) STATION 8
N-NITROSODIPHENYLAMINE	1.0u*	1.0u	100u	1u
N-NITROSODI-N-PROPYLAMINE	0.4u	0.4u	40u	.4u
BIS(2-ETHYL HEXYL)PHTHALATE	110u	53u	30u	100u
BUTYL BENZYL PHTHALATE	0.03u	0.03u	3u	0.03u
DI-N-BUTYL PHTHALATE	0.13u	0.13u	5u	0.13u
DI-N-OCTYL PHTHALATE	0.8u	0.8u	5u	1.8u
DIETHYL PHTHALATE	0.05u	0.05u	5u	0.05u
DIMETHYL PHTHALATE	0.05u	0.05u	5u	0.05u
BENZO(A)ANTHRACENE	0.1u	0.1u	10u	0.1u
BENZO(A)PYRENE	0.2u	0.2u	20u-	0.2u
3,4-BENZOFLUORANTHENE	0.1u	0.1u	10u	0.1u
BENZO(K)FLUORANTHENE	0.1u	0.1u	10u	0.1u
CHRYSENE	0.1u	0.1u	10u	0.1u
ACENAPHTHYLENE	0.05u	0.05u	5u	0.05u
ANTHRACENE	0.05u	0.05u	5u	0.05u
BENZO(GHI)PERYLENE	0.3u	0.3u	30u	0.3u
FLUORENE	0.05u	0.05u	5u	0.05u
PHENANTHRENE	0.05u	0.05u	5u	0.05u
DIBENZO(A,H)ANTHRACENE	0.4u	0.4u	40u	0.4u
IDENO(1,2,3-CD)PYRENE	0.3u	0.3u	30u	0.3u
PYRENE	0.05u	0.08u	5u	0.1
TCDD	ND	ND	ND	ND

* The letter u indicates that the compound was not detected at the level of detection shown; the letter m indicates that the compound was detected, but below the level of quantification shown.

† Micrograms per liter, or parts per billion.

ACID COMPOUNDS - MILL CREEK - WATER

COMPOUND	(µg/l)† STATION 1	(µg/l) STATION 6A	(µg/l) PIPE	(µg/l) STATION 8
2,4,6-TRICHLOROPHENOL	.2u*	.2u	20u	.2u
P-CHLORO-M-CRESOL	.2u	.2u	20u	.2u
2-CHLOROPHENOL	.1u	.1u	10u	.1u
2,4-DICHLOROPHENOL	.1u	.7	10u	.1u
2,4-DIMETHYLPHENOL	.1u	.7	10u	.1u
2-NITROPHENOL	.2u	.2u	20u	.2u
4-NITROPHENOL	.5u	.5u	50u	.5u
2,4-DINITROPHENOL	2u	2u	200u	2u
4,6-DINITRO-O-CRESOL	1u	1u	100u	1u
PENTACHLOROPHENOL	.4u	.4u	40u	.4u
PHENOL	.05u	.05u	5u	.05u

* The letter u indicates that the compound was not detected at the level of detection indicated; the letter m indicates that the compound was detected below the limit of quantification indicated.

† Micrograms per liter, or parts per billion.

PESTICIDES - MILL CREEK - WATER

COMPOUND	(μg/l)† STATION 1	(μg/l) STATION 6A	(μg/l) PIPE	(μg/l) STATION 8
ALDRIN	.001u	.001u	.001u	.003u
CHLORDANE	.001u	.001u	.001u	.003u
DIELDRIN	.001u	.001u	.001u	.003u
4,4' DDT	.001u	.001u	.001u	.003u
4,4' DDE	.001u	.001u	.001u	.003u
4,4' DDD	.001u	.001u	.001u	.003u
ALPHA ENDOSULFAN	.001u	.001u	.001u	.003u
BETA ENDOSULFAN	.001u	.001u	.001u	.003u
ENDOSULFAN SULFATE	.001u	.001u	.001u	.003u
ENDRIN	.001u	.001u	.001u	.003u
ENDRIN ALDEHYDE	.001u	.001u	.001u	.003u
HEPTACHLOR	.001u	.001u	.001u	.003u
HEPTACHLOR EPOXIDE	.001u	.001u	.001u	.003u
ALPHA BHC	.001u	.001u	.001u	.003u
BETA BHC	.001u	.001u	.001u	.003u
GAMMA BHC (LINDANE)	.001u	.001u	.001u	.003u
DELTA BHC	.001u	.001u	.001u	.003u
TOXAPHENE	.090u	.045u	.060u	.18u
PCB 1016	.030u	.015u	.020u	.060u
PCB 1221	.030u	.015u	.020u	.060u
PCB 1232	.030u	.015u	.020u	.060u
PCB 1242	.030u	.015u	.020u	.060u
PCB 1248	.030u	.015u	.020u	.060u
PCB 1254	.030u	.015u	.020u	.060u
PCB 1260	.030u	.015u	.020u	.060u

BASE/NEUTRAL COMPOUNDS - MILL CREEK - SEDIMENT

COMPOUND	(µg/kg)† STATION 1	(µg/kg) STATION 6A	(µg/kg) STATION 8
ACENAPHTHENE	10u*	10u	10u
BENZIDINE	40u	40u	40u
1,2,4-TRICHLOROBENZENE	20u	20u	20u
HEXACHLOROBENZENE	20u	20u	20u
HEXACHLOROETHANE	20u	20u	20u
BIS(2-CHLOROETHYL)ETHER	10u	10u	10u
2-CHLORONAPTHALENE	10u	10u	10u
1,2-DICHLOROBENZENE	20u	20u	20u
1,3-DICHLOROBENZENE	20u	20u	20u
1,4-DICHLOROBENZENE	20u	20u	20u
3,3-DICHLOROBENZIDINE	20u	20u	20u
2,4-DINITROTOLUENE	50u	50u	50u
2,6-DINITROTOLUENE	50u	50u	50u
1,2-DIPHENYLHYDRAZINE	20u	20u	20u
FLUORANTHENE	10u	10u	19
4-CHLOROPHENYL PHENYL ETHER	20u	20u	20u
4-BROMOPHENYL PHENYL ETHER	50u	50u	50u
BIS(2-CHLOROISOPROPYL)ETHER	5u	5u	5u
BIS(2-CHLOROETHOXY)METHANE	10u	10u	10u
HEXACHLOROBUTADIENE	30u	30u	30u
HEXACHLOROCYCLOPENTADIENE	100u	100u	100u
ISOPHORONE	5u	8	33
NAPHTHALENE	5u	5u	56
NITROBENZENE	10u	10u	10u
N-NITROSODIMETHYLAMINE	---	---	---
N-NITROSODIPHENYLAMINE	200u	200u	200u

BASE/NEUTRAL COMPOUNDS - MILL CREEK - SEDIMENT (CONTINUED)

COMPOUND	(µg/kg)† STATION 1	(µg/kg) STATION 6A	(µg/kg) STATION 8
N-NITROSODI-N-PROPYLAMINE	80u*	80u	80u
BIS(2-ETHYL HEXYL)PHTHALATE	10u	10u	61000
BUTYL BENZYL PHTHALATE	20u	20u	20u
DI-N-BUTYL PHTHALATE	6u	6u	6u
DI-N-OCTYL PHTHALATE	10u	10u	2200
DIETHYL PHTHALATE	10u	10u	10u
DIMETHYL PHTHALATE	10u	10u	10u
BENZO(A)ANTHRACENE	20u	20u	20u
BENZO(A)PYRENE	30u	30u	30u
3,4-BENZOFLUORANTHENE	20u	20u	20u
BENZO(K)FLUORANTHENE	20u	20u	20u
CHRYSENE	20u	20u	20u
ACENAPHTHYLENE	10u	10u	10u
ANTHRACENE	10u	10u	10u
BENZO(GHI)PERYLENE	50u	50u	50u
FLUORENE	10u	10u	10u
PHENANTHRENE	14	10u	28
DIBENZO(A,H)ANTHRACENE	80u	80u	80u
IDENO(1,2,3-CD)PYRENE	50u	50u	50u
PYRENE	10u	10u	25
TCDD	ND	ND	ND

* The letter u indicates that the compound was not detected at the level of detection indicated; the letter m indicates that the compound was detected, but below the level of quantification indicated.

† Micrograms per kilogram or parts per billion.

ACID COMPOUNDS - MILL CREEK - SEDIMENT

COMPOUND	(µg/kg)† STATION 1	(µg/kg) STATION 6A	(µg/kg) STATION 8
2,4,6-TRICHLOROPHENOL	40u*	40u	40u
P-CHLORO-M-CRESOL	40u	40u	40u
2-CHLOROPHENOL	20u	20u	20u
2,4-DICHLOROPHENOL	20u	20u	20u
2,4-DIMETHYLPHENOL	20u	20u	20u
2-NITROPHENOL	40u	40u	40u
4-NITROPHENOL	100u	100u	100u
2,4-DINITROPHENOL	250u	250u	250u
4,6-DINITRO-O-CRESOL	200u	200u	200u
PENTACHLOROPHENOL	70u	70u	70u
PHENOL	10u	10u	10u

* The letter u indicates that the compound was not detected at the level of detection indicated; the letter m indicates that the compound was detected, but below the level of quantification indicated.

† Micrograms per kilogram or parts per billion.

PESTICIDES - MILL CREEK - SEDIMENT

COMPOUND	(μg/l)† STATION 1	(μg/l) STATION 6A	(μg/l) STATION 8
ALDRIN	1u	1u	1u
CHLORDANE	1u	1u	1u
DIELDRIN	1u	1u	1u
4,4' DDT	1u	1u	1u
4,4' DDE	1u	1u	1u
4,4' DDD	1u	1u	1u
ALPHA ENDOSULFAN	1u	1u	1u
BETA ENDOSULFAN	1u	1u	1u
ENDOSULFAN SULFATE	1u	1u	1u
ENDRIN	1u	1u	1u
ENDRIN ALDEHYDE	1u	1u	1u
HEPTACHLOR	1u	1u	1u
HEPTACHLOR EPOXIDE	1u	1u	1u
ALPHA BHC	1u	1u	1u
BETA BHC	1u	1u	1u
GAMMA BHC (LINDANE)	1u	1u	1u
DELTA BHC	1u	1u	1u
TOXAPHENE	50u	90u	36u
PCB 1016	18u	30u	12u
PCB 1221	18u	30u	12u
PCB 1232	18u	30u	12u
PCB 1242	18u	30u	12u
PCB 1248	18u	30u	12u
PCB 1254	18u	30u	36
PCB 1260	18u	30u	12u

METALS - MILL CREEK - SEDIMENT - TOTAL

COMPOUND		(µg/l)† STATION 1	(µg/l) STATION 6A	(µg/l) STATION 8
ARSENIC	(As)	1u	1u	1u
ANTIMONY	(Sb)	1u	1u	1u
BERYLLIUM	(Be)	.2u	.2u	.2u
CADMIUM	(Cd)	11.2	10.8	.2u
CHROMIUM	(Cr)	20	19	1u
COPPER	(Cu)	140	101	78
LEAD	(Pb)	15	16	14
MERCURY	(Hg)	.06u	.06u	.06
NICKEL	(Ni)	81	75	56
SELENIUM	(Se)	1u	1u	2
SILVER	(Ag)	.2	2.3	.6
THALLIUM	(Tl)	1u	1u	1u
ZINC	(Zn)	729	695	32

* The letter u indicates that the compound was not detected at the level of detection indicated; the letter m indicates that the compound was detected below the limit of quantification indicated.

† Micrograms per liter, or parts per billion.

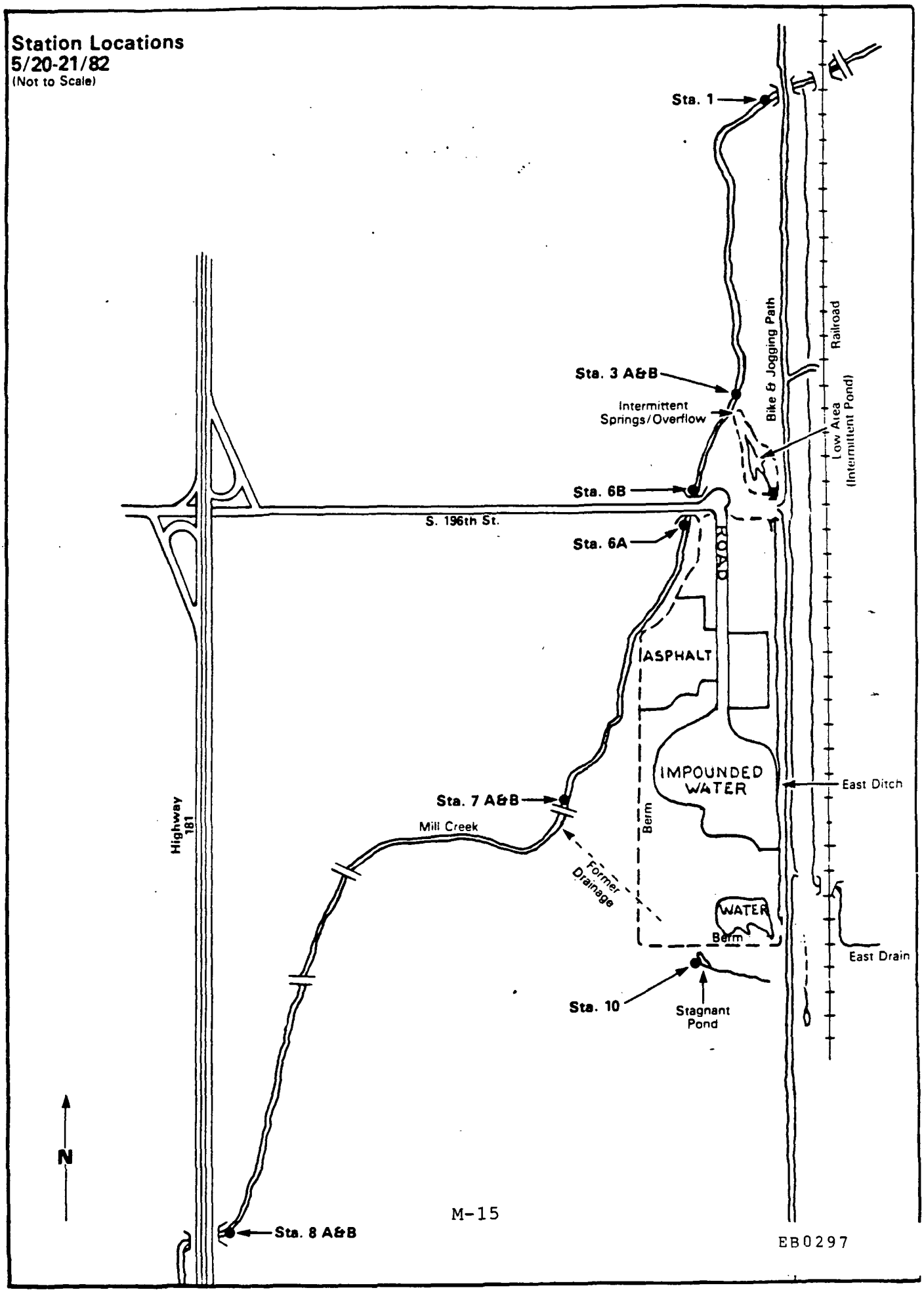
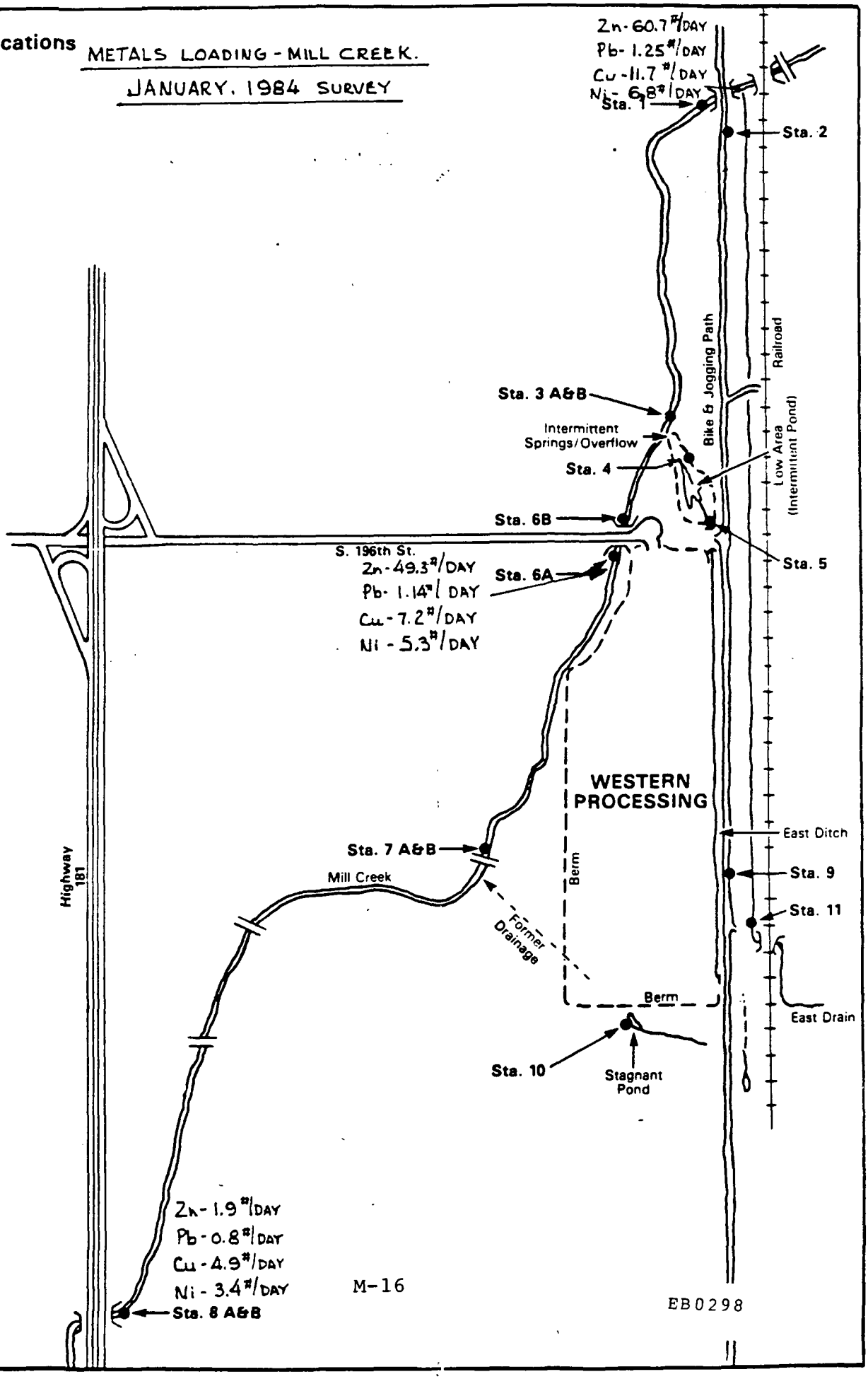

Station Locations
5/20-21/82
(Not to Scale)
Sta. 1
Sta. 3 A&B
Intermittent
Springs/Overflow
Bike & Jogging Path
Railroad
Low Area
(Intermittent Pond)
Sta. 6B
S. 196th St.
Sta. 6A
ROAD
ASPHALT
IMPOUNDED
WATER
East Ditch
Sta. 7 A&B
Mill Creek
Berm
Former
Drainage
WATER
Berm
East Drain
Sta. 10
Stagnant
Pond
Highway
181
N
Sta. 8 A&B
EB0297

Figure 3
Station Locations
5/20-21/82
(Not to Scale)

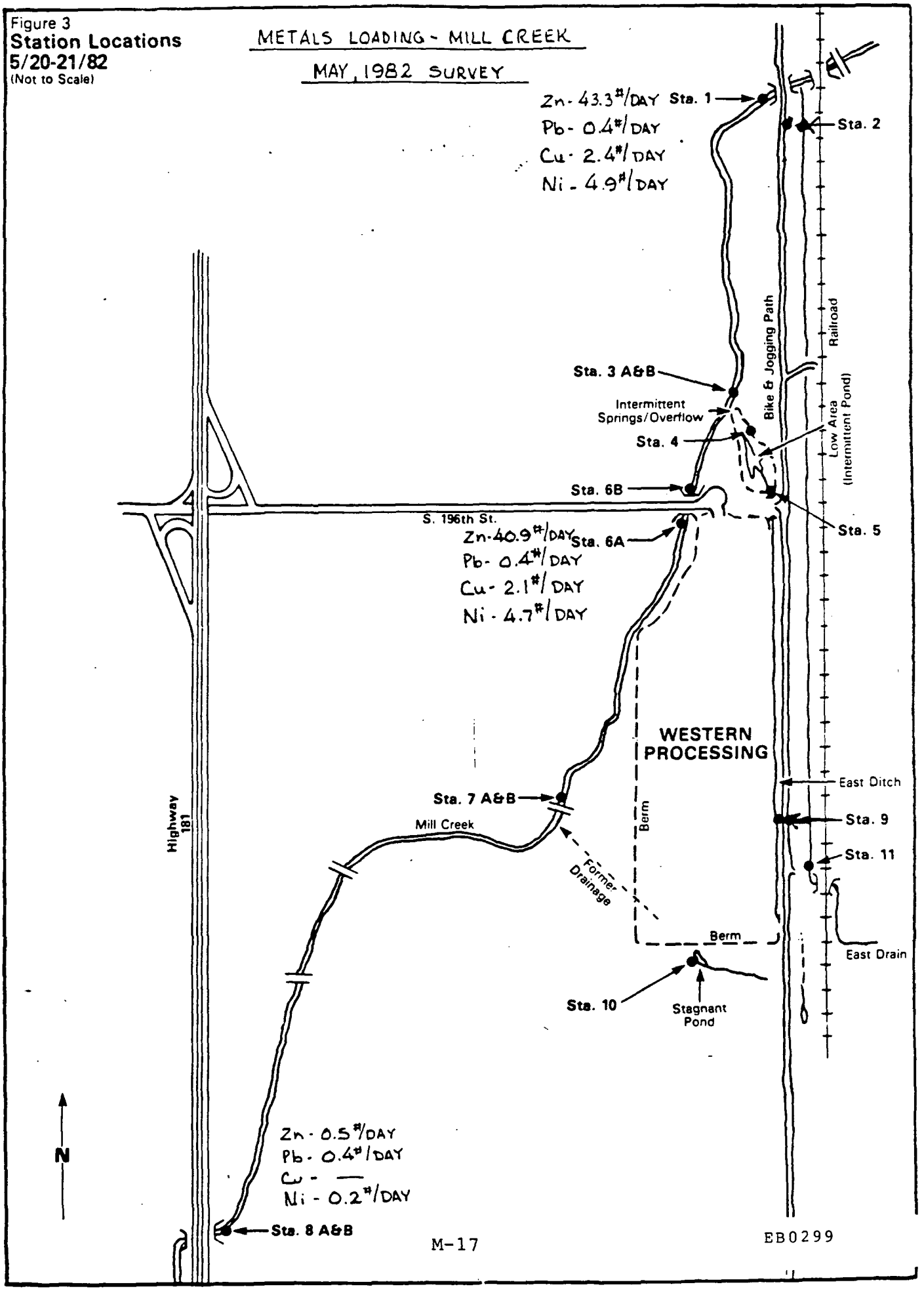
METALS LOADING - MILL CREEK.

JANUARY. 1984 SURVEY



EB0298

Figure 3
Station Locations
5/20-21/82
(Not to Scale)



EB0299

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Plate 1 Surface Soil, Sediment, and Surface Water Sampling Locations Western Processing Kent, Washington
December 12, 1984

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Plate 2 Groundwater Monitoring and Well Locations Western Processing Kent, Washington December 12, 1984

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Plate 3 Groundwater Subsurface Soil Sampling Locations Western Processing Kent, Washington December 12, 1984