

WESTERN PROCESSING  
ALTERNATIVES ASSESSMENT STUDY  
1983 DATA

ENVIRONMENTAL PROTECTION AGENCY  
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## INTRODUCTION

This report presents the data generated during the Western Processing Offsite Remedial Investigation. The major field activities conducted during the Remedial Investigation included monitoring well construction sampling and analysis to evaluate the groundwater contaminant migration pathway; sediment sampling and analysis to evaluate the surface water runoff pathway; and surface soil sampling and analysis to evaluate the airborne pathway.

Locations of the monitoring wells and surface soil samples were restricted to areas with secured site access permissions.

## MONITORING WELL CONSTRUCTION AND SAMPLING

Ten groundwater monitoring wells were constructed by Hokkaido Drilling and Developing Corporation. of Graham, Washington, under the field observation of CH2M HILL hydrogeologists. A Koehring Speedstar cable-tool rig was used for all drilling. The wells were constructed offsite at the locations shown in Figure 1. Mobilization for the drilling began on August 24, 1983, and all wells were completed by September 23, 1983 (excluding development and pump installation). The time schedule for the construction of the wells was as follows:

| <u>Well No.*</u> | <u>Mobilization</u> | <u>1983<br/>Completion</u> |
|------------------|---------------------|----------------------------|
| 35               | August 17           | August 20                  |
| 36               | August 22           | August 23                  |
| 37               | August 24           | August 25                  |
| 38               | August 26           | August 29                  |
| 39               | August 30           | September 1                |
| 40               | September 1         | September 2                |
| 41               | September 6         | September 8                |
| 42               | September 12        | September 14               |
| 43               | September 14        | September 16               |
| 44               | September 22        | September 23               |

\*Note: Wells No. 1 through 34 were previously installed on- and offsite by EPA.

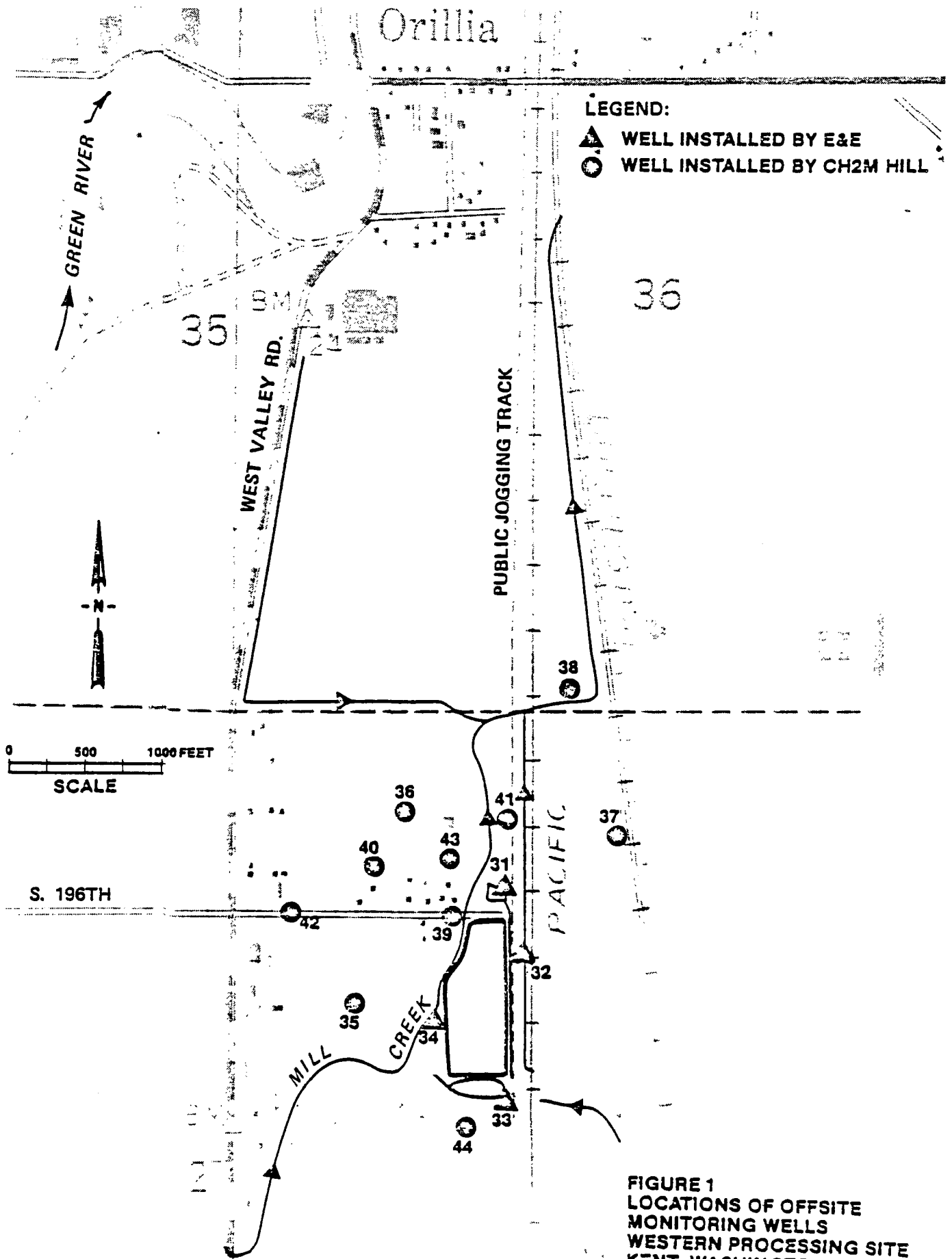
All well construction and sampling activities were performed using Level D protection and ambient air monitoring with an HNU photoionizer.

### SAMPLING

Two types of samples were collected during monitoring well construction:

- o Groundwater Samples for Field Analysis. Groundwater samples were collected at 10-foot intervals from water that was bailed from the well during drilling. The water was collected in glass jars for pH and electrical conductivity screening, and in 40-ml volatile organic analysis vials.
- o Bore-Hole Samples for Chemical Analysis. Sub-surface bore-hole soil samples were collected at 10-foot intervals. Two 8-ounce glass jars were filled for each sampling depth. The samples were tested for selected organic and inorganic constituents.

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All bore-hole samples were obtained with a 1-1/2-inch (I.D.) split-spoon sampler. Samples were taken at 5-foot intervals for the entire depth of each hole. The soil samples and the drill cuttings bailed from the hole were inspected and logged by the CH2M HILL hydrogeologist. The resulting detailed geologic logs are provided in Table 1. Water level data for the wells are presented in Table 2. Pumping tests were conducted on all monitoring wells. Data from the pumping tests is shown in Appendix A. Each split-spoon sample was cut in half longitudinally with a stainless steel knife. A photograph was taken of each sample with well number and sampling depth information shown on a chalkboard next to the sample. The split-spoon sampler and knife were decontaminated between samplings. The decontamination procedure was as follows:

- o Water rinse
- o Soap wash (trisodium phosphate and detergent)
- o Clean water rinse
- o Methanol rinse
- o Distilled water rinse

All sample containers were labeled soon after they were filled with soil or water at the drilling site. This initial labeling showed the date, time of sampling, sampler's initials, and sample number. The sample number consisted of four components to identify the project, sample type, sample location, and depth. All samples collected at the drilling site were also documented in the field notebook. The samples were then transported to a field facility for processing and shipment. The samples were labeled and documented using EPA contract laboratories' procedures and forms. Chain-of-custody documentation was maintained throughout the sampling program.

The OVA testing results of the groundwater samples were used to select the soil samples that were sent to EPA contract laboratories for organic and inorganic analysis. Generally, five samples from each bore hole were selected for inorganic analysis (i.e., for six "indicator" metals--chromium, nickel, zinc, arsenic, cadmium, and lead); three samples were selected for priority organic pollutants; and two samples were selected for volatile organics. Typically, the three samples for priority organic analysis were selected at or near the maximum contaminant concentration as identified by field OVA testing. The two samples for volatile organic analysis were taken from above and below the priority organic samples. Approximately 30 soil samples were sent to the CH2M HILL Soils Laboratory in Portland, Oregon, for determination of permeability and grain-size distribution. These samples were selected to represent the range of soil types encountered during drilling.

Table 1  
DETAILED GEOLOGIC LOGS OF  
MONITORING WELLS

**NO. 35**

| DEPTH (FEET) | FORMATION                                                       |
|--------------|-----------------------------------------------------------------|
| 0-2          | BROWN CLAYEY TOPSOIL                                            |
| 2-8          | BROWN SILTY SAND                                                |
| 8-40         | GRAY SILTY SAND WITH SOME CLAY                                  |
| 40-42        | GRAY SILTY CLAY WITH SOME BROWN MOTTLING                        |
| 42-65        | DARK GRAY FINE TO MEDIUM SAND WITH SILT AND SOME WOOD FRAGMENTS |
| 65-72        | AS ABOVE, WITH GENERALLY COARSER SAND                           |
| 72-78        | AS ABOVE, WITH SOME PEA GRAVEL AND MORE SILT                    |
| 78-92        | DARK GRAY SILTY SAND                                            |
| 92-112       | GRAY SANDY SILT WITH SOME CLAY; LESS SAND WITH DEPTH            |
| 112-125      | GRAY FINE TO MEDIUM SAND WITH SOME WHITE GRAINS AND SOME SILT   |
| 125-126      | DARK GRAY CLAYEY SILT WITH SAND                                 |
| 126-140      | DARK GRAY SANDY SILT WITH SOME THIN LAYERS OF SAND              |
| 140          | BOTTOM OF HOLE                                                  |

**NO. 36**

| DEPTH (FEET) | FORMATION                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------|
| 0-10         | SAND AND GRAVEL FILL MATERIAL                                                                    |
| 10-16        | GRAY-BROWN SILTY SAND WITH SOME GRAVEL                                                           |
| 16-20        | DARK BLUE FINE TO MEDIUM SAND WITH SOME SILT                                                     |
| 20-25        | GREEN-BLUE SILTY SANDY CLAY                                                                      |
| 25-38        | AS ABOVE, WITH WOOD CHIPS AND THIN (1-2") PEATY LAYERS                                           |
| 38-45        | BLACK FINE TO MEDIUM SAND WITH SOME RED GRAINS                                                   |
| 45-60        | AS ABOVE, BUT MORE FINE SAND AND SILT; SOME LAYERING OF COARSER AND FINER SANDS                  |
| 60-75        | BLACK MEDIUM SAND WITH SOME RED GRAINS AND VERY FEW FINES                                        |
| 75-80        | AS ABOVE, BUT SAND IS FINER WITH SOME SILT                                                       |
| 80-90        | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE SAND GRAINS                                    |
| 90-95        | AS ABOVE, WITH A TRACE OF SILT                                                                   |
| 95-100       | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND 1-2" LAYERS OF CLAYEY SILT AND SAND |
| 100          | BOTTOM OF HOLE                                                                                   |

### NO. 37

| DEPTH (FEET) | FORMATION                                                                         |
|--------------|-----------------------------------------------------------------------------------|
| 0-5          | BROWN SANDY SILTY CLAY                                                            |
| 5-10         | BROWN SANDY CLAYEY SILT                                                           |
| 10-20        | BROWN SILTY SANDY CLAY WITH 1-2" LAYERS OF PEAT/WOOD CHIPS; 12" PEAT LAYER AT 16' |
| 20-25        | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS                          |
| 25-30        | AS ABOVE, WITH A TRACE OF SILT                                                    |
| 30-35        | BROWN CLAYEY SILT WITH SOME SAND                                                  |
| 35-40        | BLACK FINE TO MEDIUM SAND WITH 1-2" LAYERS OF SANDY SILT                          |
| 40-45        | BLACK MEDIUM SAND WITH SOME RED AND WHITE GRAINS                                  |
| 45-55        | AS ABOVE, WITH GENERALLY COARSER SAND; SOME GRAVEL AT 58'                         |
| 55-60        | AS ABOVE, WITH SOME 1-2" LAYERS OF SILTY SAND                                     |
| 60-70        | BLACK MEDIUM SAND WITH SOME RED AND WHITE GRAINS                                  |
| 70-75        | AS ABOVE, BUT SAND IS FINER WITH A TRACE OF SILT                                  |
| 75-80        | MEDIUM BLACK SAND                                                                 |
| 80-85        | AS ABOVE, WITH 1-2" LAYERS OF SANDY SILT AND SOME PEAT/WOOD CHIPS                 |
| 85-100       | BLACK SILTY FINE SAND; SOME 1-2" LAYERS OF CLAYEY SILTY SAND FROM 90-95'          |
| 100          | BOTTOM OF HOLE                                                                    |

### NO. 38

| DEPTH (FEET) | FORMATION                                                                        |
|--------------|----------------------------------------------------------------------------------|
| 0-5          | BROWN SILT, SAND, AND GRAVEL                                                     |
| 5-20         | BROWN SANDY SILT                                                                 |
| 20-25        | AS ABOVE, WITH PEAT/WOOD CHIPS                                                   |
| 25-30        | GRAY SILTY FINE SAND WITH WOOD FIBERS                                            |
| 30-40        | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS                         |
| 40-45        | GRAY SANDY SILT WITH SOME PEAT                                                   |
| 45-55        | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS; FINER SAND BELOW 50'   |
| 55-60        | 1-2" LAYERS OF CLAYEY SANDY SILT, SILTY SANDY CLAY, AND BLACK SILTY FINE SAND    |
| 60-70        | BLACK FINE TO MEDIUM SAND WITH A TRACE OF SILT                                   |
| 70-75        | AS ABOVE, WITH MORE SILT                                                         |
| 75-80        | AS ABOVE, BUT GRADING BACK AND FORTH TO SANDY SILT AND SILTY SAND                |
| 80-85        | BLACK SILTY FINE SAND WITH 1-2" LAYERS OF SANDY CLAYEY SILT                      |
| 85-90        | BLACK SANDY SILT WITH PEAT, LAYERED WITH FINER/COARSER SAND                      |
| 90-95        | BLACK FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS, AND PEAT               |
| 95-100       | BLACK CLAYEY SANDY SILT WITH THIN LAYERS OF PEAT/WOOD CHIPS                      |
| 100-120      | BLACK SILTY SANDY CLAY WITH 1-2" LAYERS OF PEAT; INCREASINGLY SANDIER AFTER 110' |
| 120          | BOTTOM OF HOLE                                                                   |

## NO. 39

| DEPTH (FEET) | FORMATION                                                                                                                |
|--------------|--------------------------------------------------------------------------------------------------------------------------|
| 0-9          | BROWN MEDIUM SAND WITH FEW FINES, BUT SILTIER WITH DEPTH                                                                 |
| 9-23         | BLUE-GRAY MEDIUM SAND WITH 1" LAYERS OF GRAY SILT                                                                        |
| 23-26        | AS ABOVE, WITH SOME LAYERS (6-12") OF GRAY SILT/CLAY WITH BROWN PEATY MATERIAL                                           |
| 26-38        | GRAY-GREEN SILT/CLAY WITH THIN LAYERS OF BROWN PEAT/WOOD CHIPS AND SAND                                                  |
| 38-63        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND MINOR LAYERS OF GRAY SILT; TRACE OF PEA GRAVEL AT 52-53'        |
| 63-72        | AS ABOVE, WITH SOME 1/4" LAYERS OF GRAY CLAY AND PIECES OF WOOD                                                          |
| 72-75        | GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND A TRACE OF PEA GRAVEL; MORE PERMEABLE THAN THE REST OF THE FORMATION |
| 75-90        | GRAY FINE TO MEDIUM SAND WITH SOME RED AND WHITE GRAINS, AND SOME SILT; ALSO SOME LAYERS OF GRAY SILTY CLAY              |
| 90-96        | AS ABOVE, WITH LESS SILT AND LESS SILTY CLAY LAYERS                                                                      |
| 96           | BOTTOM OF HOLE                                                                                                           |

## NO. 40

| DEPTH (FEET) | FORMATION                                                                                                                      |
|--------------|--------------------------------------------------------------------------------------------------------------------------------|
| 0-1          | FILL MATERIAL (SAND, GRAVEL, AND COBBLES)                                                                                      |
| 1-6          | GRAY SILTY CLAY WITH SOME BROWN MOTTLING                                                                                       |
| 6-13         | DARK GRAY MEDIUM SAND                                                                                                          |
| 13-20        | AS ABOVE, WITH SILT AND WOOD FRAGMENTS, AND A TRACE OF GRAVEL                                                                  |
| 20-25        | AS ABOVE, BUT NO WOOD FRAGMENTS                                                                                                |
| 25-32        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS                                                                           |
| 32-45        | GRAY SILTY CLAY WITH SOME WOOD FRAGMENTS; LAYER OF DARK GRAY MEDIUM SAND AT 41'                                                |
| 45-90        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS, TRACE OF COARSE SAND/PEA GRAVEL IN PLACES; ALSO MORE SILT AT SOME DEPTHS |
| 90-100       | BLACK FINE TO MEDIUM SAND WITH GRAY SILT; SOME LAYERS (UP TO 6") OF GRAY SILT                                                  |
| 100          | BOTTOM OF HOLE                                                                                                                 |

## NO. 41

| DEPTH (FEET) | FORMATION                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------|
| 0-5          | TOPSOIL—BROWN SILTY SAND WITH SOME CLAY                                                                         |
| 5-15         | TAN SILTY CLAY WITH ORANGE-BROWN MOTTLING; SILTIER WITH DEPTH                                                   |
| 15-20        | DARK GRAY SAND WITH LAYERS OF GRAY CLAYEY SILT                                                                  |
| 20-24        | GRAY CLAYEY SILT WITH LAYERS OF BROWN PEAT                                                                      |
| 24-29        | DARK GRAY MEDIUM SAND WITH RED AND WHITE GRAINS                                                                 |
| 29-35        | GRAY SILT AND FINE SAND WITH SOME CLAY                                                                          |
| 35-40        | LAMINATED GRAY SILTY CLAY                                                                                       |
| 40-70        | DARK GRAY MEDIUM SAND WITH THIN LAYERS OF GRAY SILT; SILT LAYERS ARE THICKER WITH DEPTH; TRACE OF GRAVEL AT 70' |
| 70-75        | GRAY SILT AND FINE SAND WITH SOME COARSER SAND, CLAY, AND PEAT                                                  |
| 75-85        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS, AND WITH THIN LAYERS OF GRAY SILT/CLAY; ALSO SOME PEAT    |
| 85-90        | GRAY SILTY FINE SAND WITH SOME PEAT AND A LITTLE CLAY                                                           |
| 90-97        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND SOME SILT                                              |
| 97-105       | AS ABOVE, WITH SILTIER ZONES AND SOME WOOD FRAGMENTS                                                            |
| 105-135      | GRAY SILT AND FINE SAND WITH SOME CLAY AND COARSER SAND; LAYERED WITH LIGHT GRAY CLAY/SILT STRATA               |
| 135          | BOTTOM OF HOLE                                                                                                  |

## NO. 42

| DEPTH (FEET) | FORMATION                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------|
| 0-2          | FILL MATERIAL FOR ROAD                                                                           |
| 2-20         | GRAY SANDY SILT/CLAY WITH SOME BROWN MOTTLING                                                    |
| 20-45        | GRAY SILTY CLAY WITH 2" LAYERS OF GRAY SILTY MEDIUM SAND; SOME LAYERS WITH GRAY-RED COLOR AT 40' |
| 45-70        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND A TRACE OF COARSER SAND/PEA GRAVEL      |
| 70-75        | LAYERS OF DARK GRAY SILTY SAND ALTERNATING WITH LAYERS OF GRAY CLAYEY SILT; MOST LAYERS 3"       |
| 75-85        | GRAY SILTY FINE TO MEDIUM SAND; SAND IS COARSER WITH DEPTH, AND TRACE OF PEA GRAVEL AT 85'       |
| 85-100       | GRAY SILTY MEDIUM SAND WITH THIN ( 1") LAYERS OF GRAY SILTY CLAY                                 |
| 100          | BOTTOM OF HOLE                                                                                   |

### NO. 43

| DEPTH (FEET) | FORMATION                                                                                                                                                   |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0-12         | BROWN SILT/CLAY WITH SAND AND GRAVEL; PERHAPS SOME FILL MATERIAL                                                                                            |
| 12-14        | GRAY SILTY SAND AND GRAVEL                                                                                                                                  |
| 14-20        | BROWN SANDY SILT WITH PEAT/WOOD FRAGMENTS                                                                                                                   |
| 20-21        | GRAY CLAYEY SILT/SAND                                                                                                                                       |
| 21-28        | DARK GRAY SILTY FINE SAND WITH A LITTLE CLAY, LAYERED WITH LIGHTER GRAY STRATA                                                                              |
| 28-44        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND A TRACE OF SILT; SOME 2" LAYERS OF GRAY-BROWN CLAY/SILT; 10" LAYER OF GRAY-BROWN SILTY CLAY AT 41' |
| 44-55        | AS ABOVE, BUT SAND IS MEDIUM TO COARSE                                                                                                                      |
| 55-63        | AS ABOVE, BUT SAND IS MEDIUM-GRAINED                                                                                                                        |
| 63-68        | DARK GRAY SILTY MEDIUM SAND                                                                                                                                 |
| 68-78        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS; LAYER OF GRAY SILTY CLAY AT 71'                                                                       |
| 78-100       | AS ABOVE, WITH MANY 2" STRATA OF LIGHT GRAY SILTY SAND; SOME WOOD FRAGMENTS AT 98'                                                                          |
| 100          | BOTTOM OF HOLE                                                                                                                                              |

### NO. 44

| DEPTH (FEET) | FORMATION                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| 0-4          | BROWN SILTY SAND                                                                                                                                 |
| 4-10         | BROWN MEDIUM SAND                                                                                                                                |
| 10-25        | GRAY CLAYEY SILT WITH FINE SAND AND LAYERS OF GRAY SILTY FINE TO MEDIUM SAND                                                                     |
| 25-30        | GRAY SILTY FINE TO MEDIUM SAND                                                                                                                   |
| 30-38        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS                                                                                             |
| 38-45        | GRAY SILT AND FINE TO MEDIUM SAND WITH SOME CLAY                                                                                                 |
| 45-61        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND A TRACE OF COARSER SAND AND GRAVEL (UP TO 1")                                           |
| 61-79        | AS ABOVE, BUT WITH MORE SILT; WITH SOME THIN LAYERS OF GRAY CLAYEY SILT AND PEATY MATERIAL                                                       |
| 79-90        | DARK GRAY MEDIUM SAND WITH SOME RED AND WHITE GRAINS AND A TRACE OF COARSER SAND/PEA GRAVEL, THIN LAYERS (LESS THAN 1") OF GRAY CLAY/SILT AT 85' |
| 90-100       | GRAY CLAYEY SILT LAYERED WITH GRAY SILT/SAND                                                                                                     |
| 100          | BOTTOM OF HOLE                                                                                                                                   |

Table 2  
WATER LEVEL DATA

| Well No. | Reference<br>Elevation* | Date<br>Measured | Depth<br>to Static<br>Water | Elevation<br>of Static<br>Water |
|----------|-------------------------|------------------|-----------------------------|---------------------------------|
| 1A       | 23.10                   | 10/27            | 10.51                       | 12.59                           |
| 1B       | 23.59                   | 10/27            | 11.12                       | 12.47                           |
| 2        | 23.81                   | 10/27            | 10.67                       | 13.14                           |
| 3        | 24.44                   | 10/27            | 6.06                        | 18.38                           |
| 4        | 22.38                   | 10/27            | 10.43                       | 11.95                           |
| 5        | 25.13                   | 10/27            | 10.67                       | 14.46                           |
| 6        | 24.44                   | 10/27            | 11.07                       | 13.37                           |
| 7        | 24.63                   | 10/27            | 10.88                       | 13.75                           |
| 8        | 24.04                   | --               | --                          |                                 |
| 9        | 21.43                   | --               | --                          |                                 |
| 10       | 22.67                   | 10/27            | 9.42                        | 13.25                           |
| 11A      | 24.83                   | 10/27            | 10.77                       | 14.06                           |
| 11B      | 24.72                   | 10/27            | 12.15                       | 12.57                           |
| 12       | Destroyed               |                  |                             |                                 |
| 13       | 17.81                   | --               | --                          |                                 |
| 14       | 23.05                   | 10/27            | 8.50                        | 14.55                           |
| 15       | Destroyed               |                  |                             |                                 |
| 16       | Destroyed               |                  |                             |                                 |
| 17A      | 24.06                   | 10/27            | 8.20                        | 15.86                           |
| 17B      | 23.87                   | 10/27            | 11.10                       | 12.77                           |
| 18       | 22.47                   | 10/27            | 6.63                        | 15.84                           |
| 19       | 17.27                   | --               | --                          |                                 |
| 20       | 24.12                   | 10/27            | 9.99                        | 14.13                           |
| 21       | 25.14                   | 10/27            | 12.34                       | 12.80                           |
| 22A      | Destroyed               |                  |                             |                                 |
| 22B      | Destroyed               |                  |                             |                                 |
| 23       | 23.53                   | 10/27            | 8.15                        | 15.38                           |
| 24       | 26.41                   | 10/27            | 13.15                       | 13.26                           |
| 25A      | 22.53                   | 10/27            | 8.96                        | 13.57                           |
| 25B      | 22.57                   | 10/27            | 8.87                        | 13.70                           |
| 26       | Destroyed               |                  |                             |                                 |
| 27       | 22.71                   | --               | --                          |                                 |
| 28       | 20.09                   | --               | --                          |                                 |
| 29       | 18.18                   | --               | --                          |                                 |
| 30       | --                      | --               | --                          |                                 |
| 50 feet  | 31S                     | 10/24            | 12.43                       | 11.39                           |
| 135 feet | 31D                     | 10/24            | 11.79                       | 13.83                           |
| 101 feet | 32A                     | 10/26            | 8.47                        | 14.15                           |
| 23 feet  | 32B                     | --               | --                          |                                 |
| 33 feet  | 33S                     | 10/26            | 10.02                       | 13.93                           |
| 60 feet  | 33D                     | 10/26            | 10.24                       | 15.54                           |
| 57 feet  | 34S                     | 10/26            | 9.95                        | 12.43                           |
| 129 feet | 34D                     | 10/26            | 9.49                        | 13.36                           |
| 65 feet  | 35                      | 10/26            | 11.59                       | 13.77                           |
| 84 feet  | 36                      | 10/24            | 11.26                       | 13.12                           |
| 85 feet  | 37                      | 10/25            | 9.81                        | 13.95                           |
| 45 feet  | 38                      | 10/25            | 10.87                       | 12.29                           |
| 30 feet  | 39                      | 10/24            | 11.34                       | 13.63                           |
| 30 feet  | 40                      | 10/24            | 11.55                       | 13.39                           |
| 85 feet  | 41                      | 10/24            | 11.08                       | 13.40                           |
| 60 feet  | 42                      | 10/26            | 8.97                        | 13.27                           |
| 25 feet  | 43                      | 10/24            | 10.15                       | 13.36                           |
| 25 feet  | 44                      | 10/26            | 10.35                       | 15.20                           |

\*Reference elevations in feet above MSL taken at:

- Top of well casing for Wells 1A through 30, 31S, 32B, 33S, and 34S.
- Top of discharge pipe coupling for Wells 31D, 32A, 33D, 34D, and 35 through 44.
- Top of "steel surface" for Well 13.

## MONITORING WELL CONSTRUCTION

Monitoring well design details are shown in Figures 2 and 3. Standard cable-tool drilling methods were used to drill the bore holes. All water and drill cuttings were placed in 55-gallon drums. The holes were temporarily cased during drilling with 8-inch-diameter steel casing. The casing was advanced during drilling so that little or no open hole extended below the casing, thus providing more representative groundwater and soil samples. The completed depths of the bore holes ranged from 96 to 140 feet. The bore holes were drilled to penetrate the zone of groundwater contamination, if present, based on the field OVA results. The field OVA results were also used to determine the well screen placement depth. The screens were placed opposite zones with the highest OVA readings or near the bottom of the bore hole.

Most of the bore holes required some backfilling prior to installing the well screen and casing. Backfill consists of alternating layers of gravel (about 8 feet thick) and bentonite (about 2 feet thick). The well screen and casing are Schedule 40 4-inch PVC casing with flush threaded joints (no glue was used for joining the PVC). The screens have 20 feet of 0.020-inch machine-cut slots. Centering guides at the top and bottom of each screen ensure that the gravel pack surrounds the entire slotted section evenly. The gravel pack extends 4 to 5 feet above the top of each screen.

After the gravel pack was installed, the annular space between the PVC casing and the temporary steel casing was filled with a cement/bentonite mixture. The mixture was pumped through a tremie pipe set at the top of the gravel pack, forcing the grout from the bottom of the annular space to the surface. The 8-inch steel casing, which had been withdrawn to the top of the gravel pack prior to grouting, was then entirely withdrawn. A 5-foot length of 6-inch steel casing, installed at least 2-1/2 feet into the grout, protects the PVC well casing. A hinged, locking cap on the top secures each well (see Figure 3). Well No. 42 was finished at ground level, with the locking cap inside a concrete traffic control box.

The wells were developed by blowing compressed air through an air line that was lowered into the sump (tailpipe) below the well screen. All development water was collected and placed in 55-gallon drums. Two to five drums were filled at each well. The drums containing the drill cuttings and development water are currently being stored at Crosby and Overton Inc., Kent, Washington. The water from the wells cleared noticeably during development; however, it remained slightly turbid throughout the procedure at most wells. It is anticipated that the lower discharge rates of the 4-inch dedicated-submersible sampling pumps will result in minimal

## TEMPORARY CASING INSTALLATION

## MONITORING WELL COMPLETION

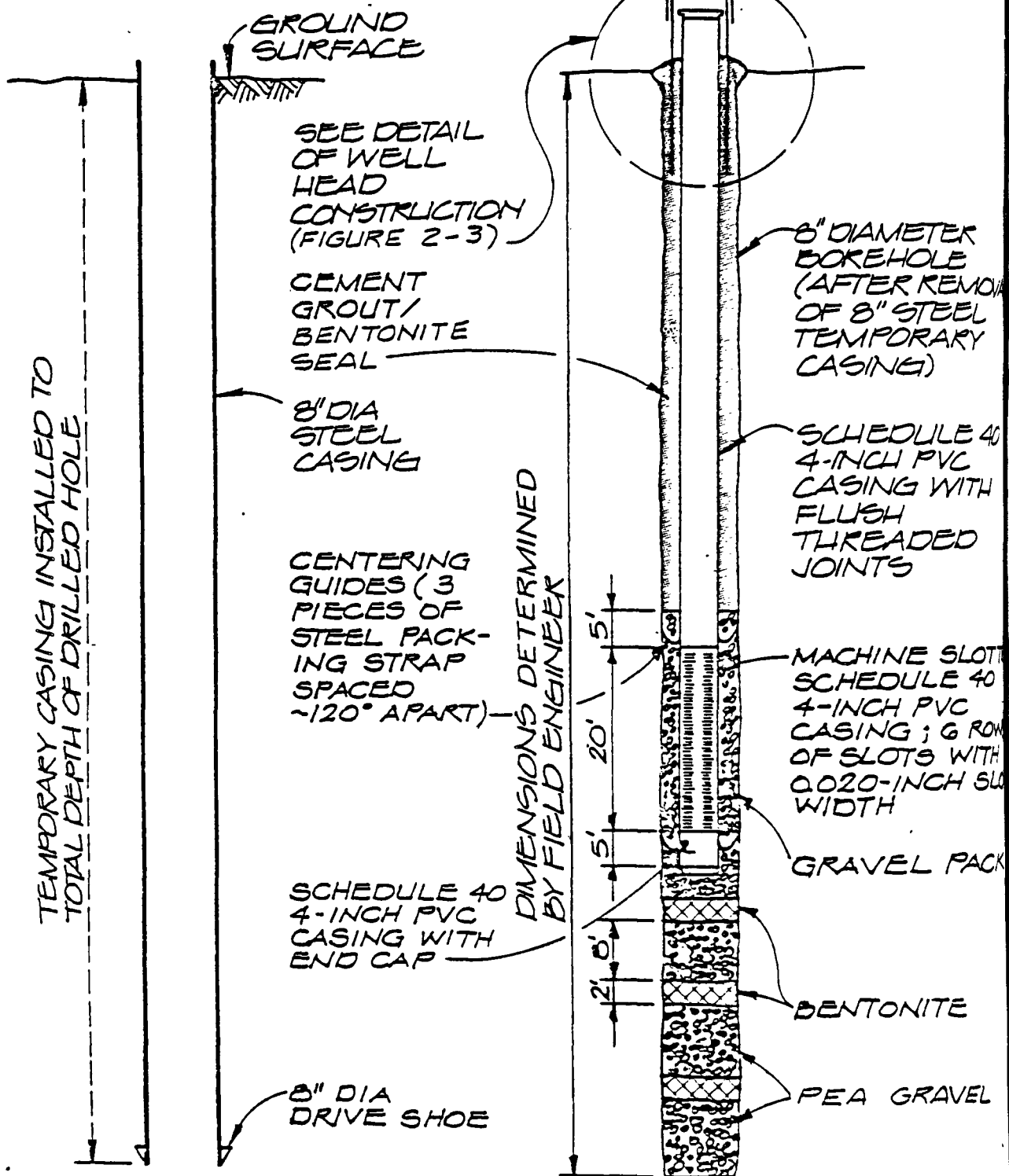
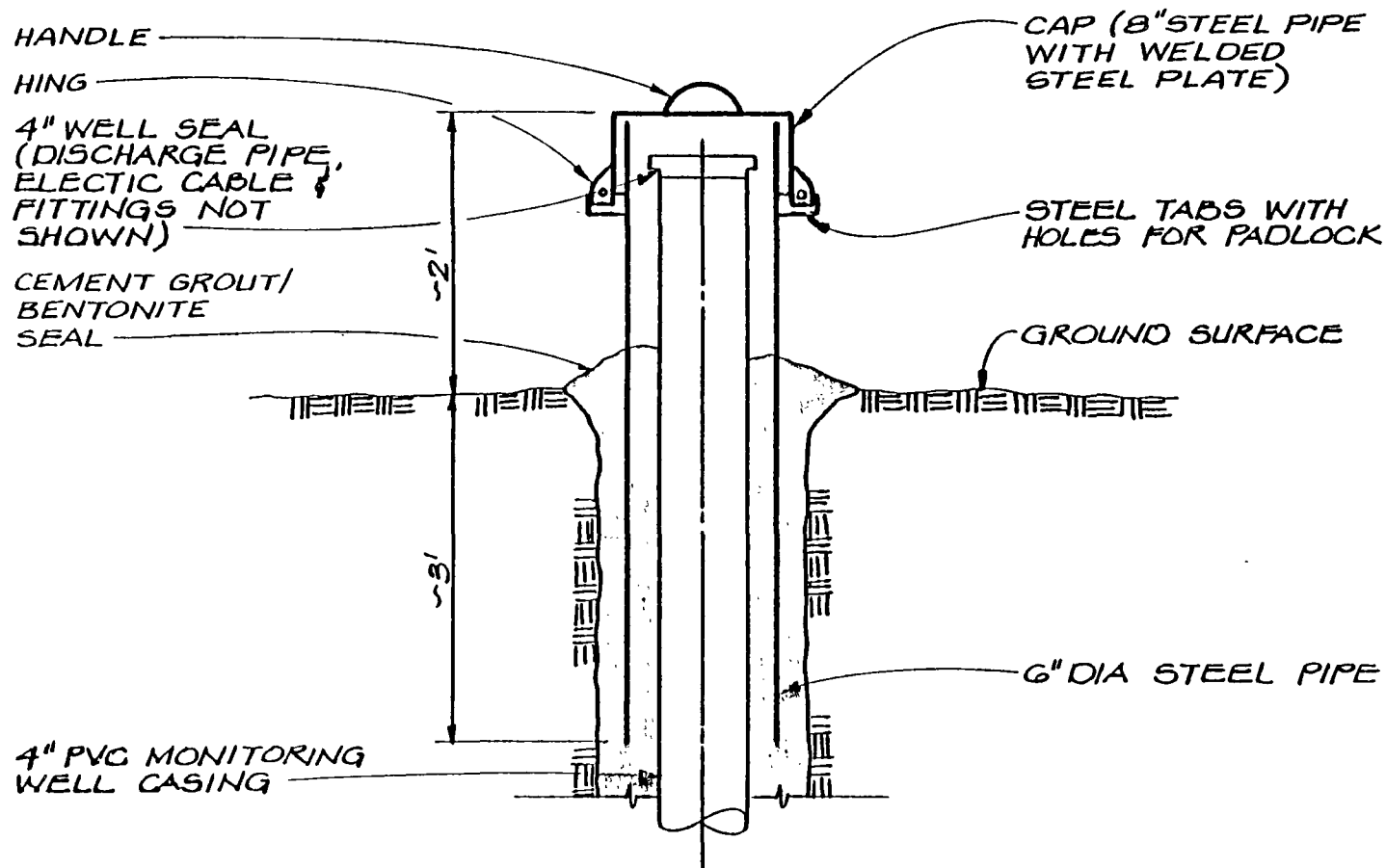


FIGURE 2  
GROUND WATER  
MONITORING WELL DESIGN  
WESTERN PROCESSING SITE  
KENT, WASHINGTON



**FIGURE 3**  
**SAMPLE WELL FIELD**  
**CONSTRUCTION DETAIL**

turbidity during sampling. The pumps have now been installed.

Figures 4 through 13 summarize the construction, geology, and field OVA results for each of the ten groundwater monitoring wells.

#### SAMPLING RESULTS

Results of the inorganic and organic analyses of soil samples taken during the monitoring well installation and groundwater taken from the monitoring wells after installation are shown in Tables B-1, B-2, B-3, and B-4 in Appendix B. Results of field conductivity and pH are shown in Table 3.

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY

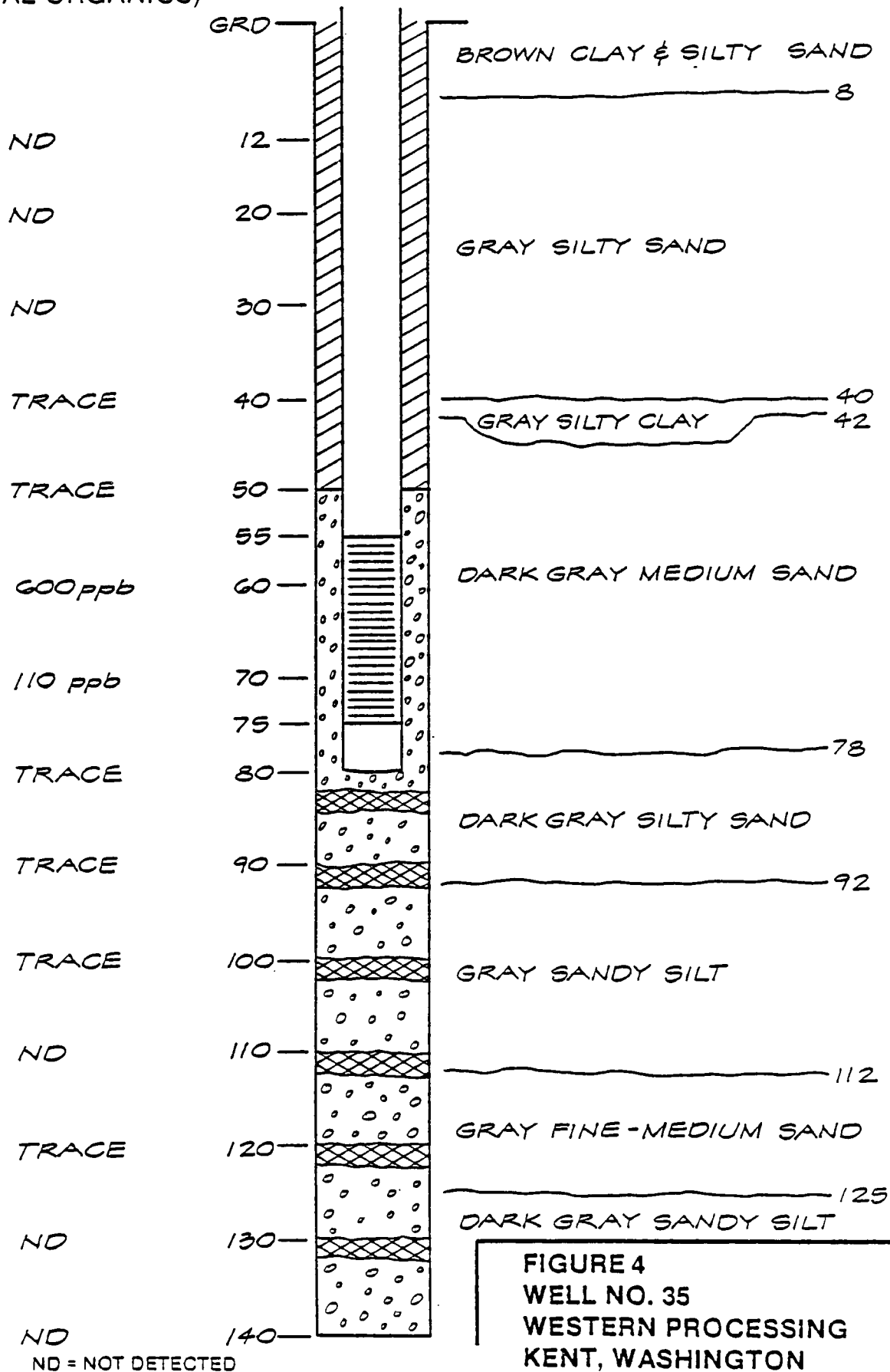
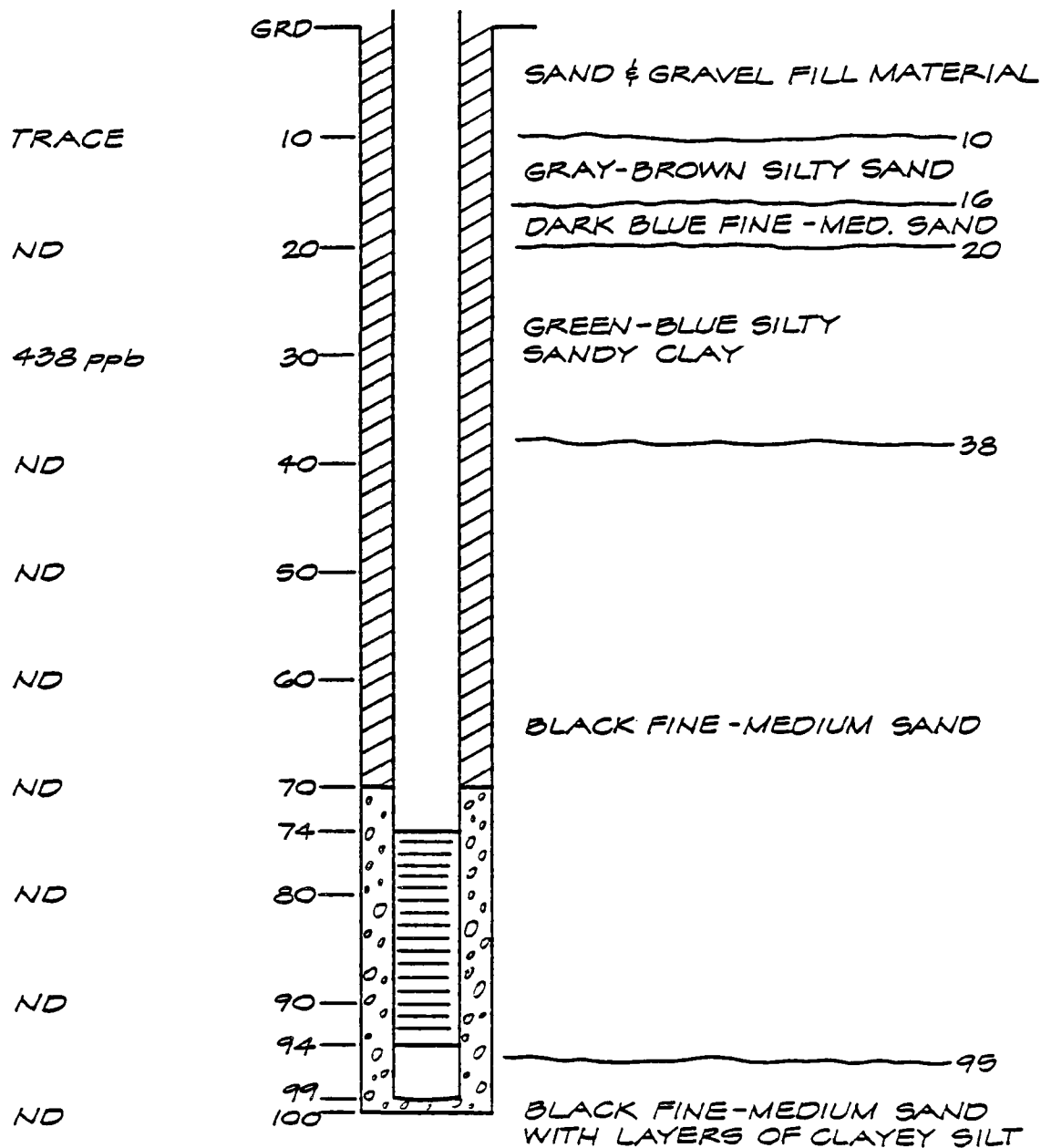


FIGURE 4  
WELL NO. 35  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



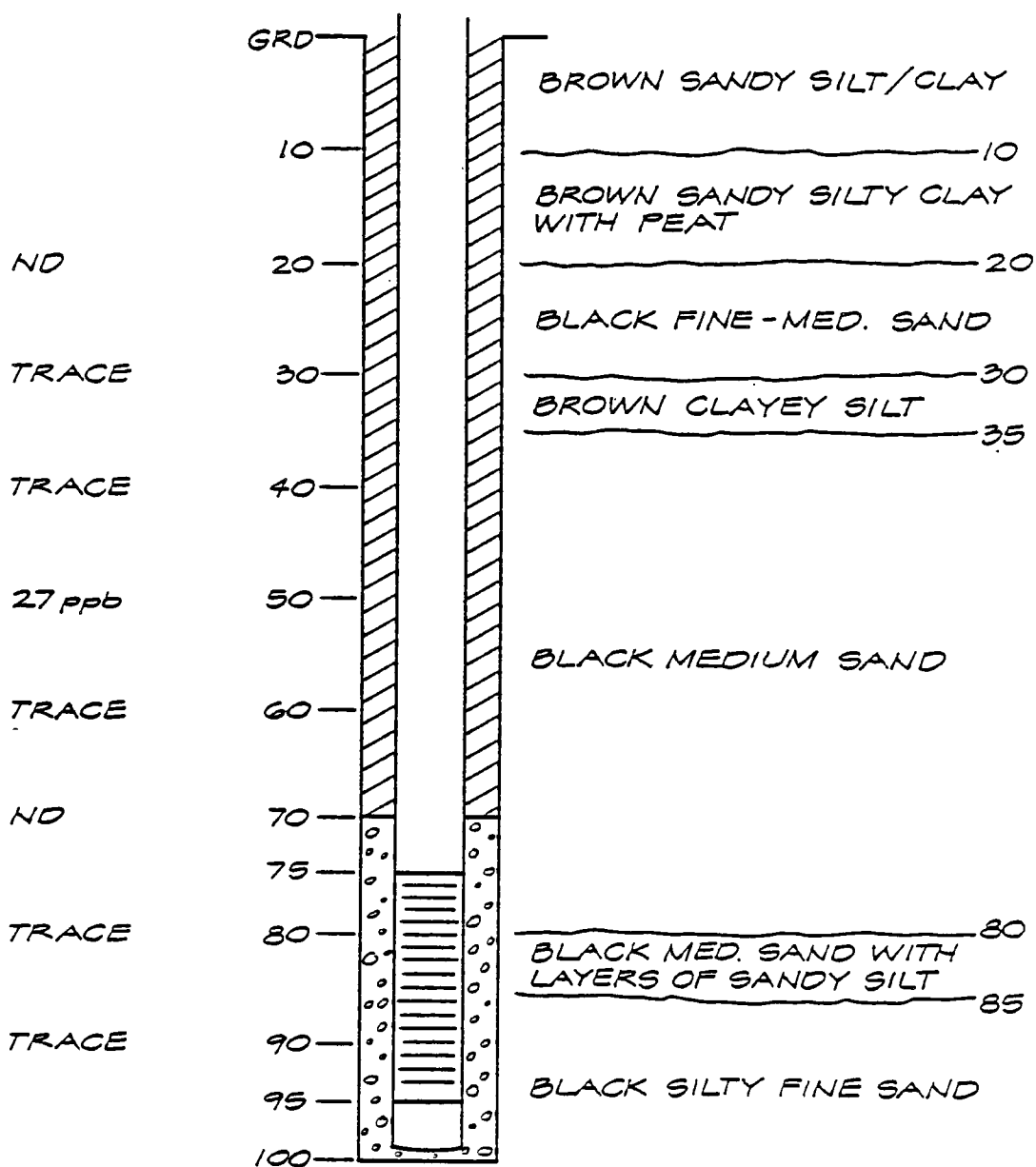
ND = NOT DETECTED

FIGURE 5  
WELL NO. 36  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



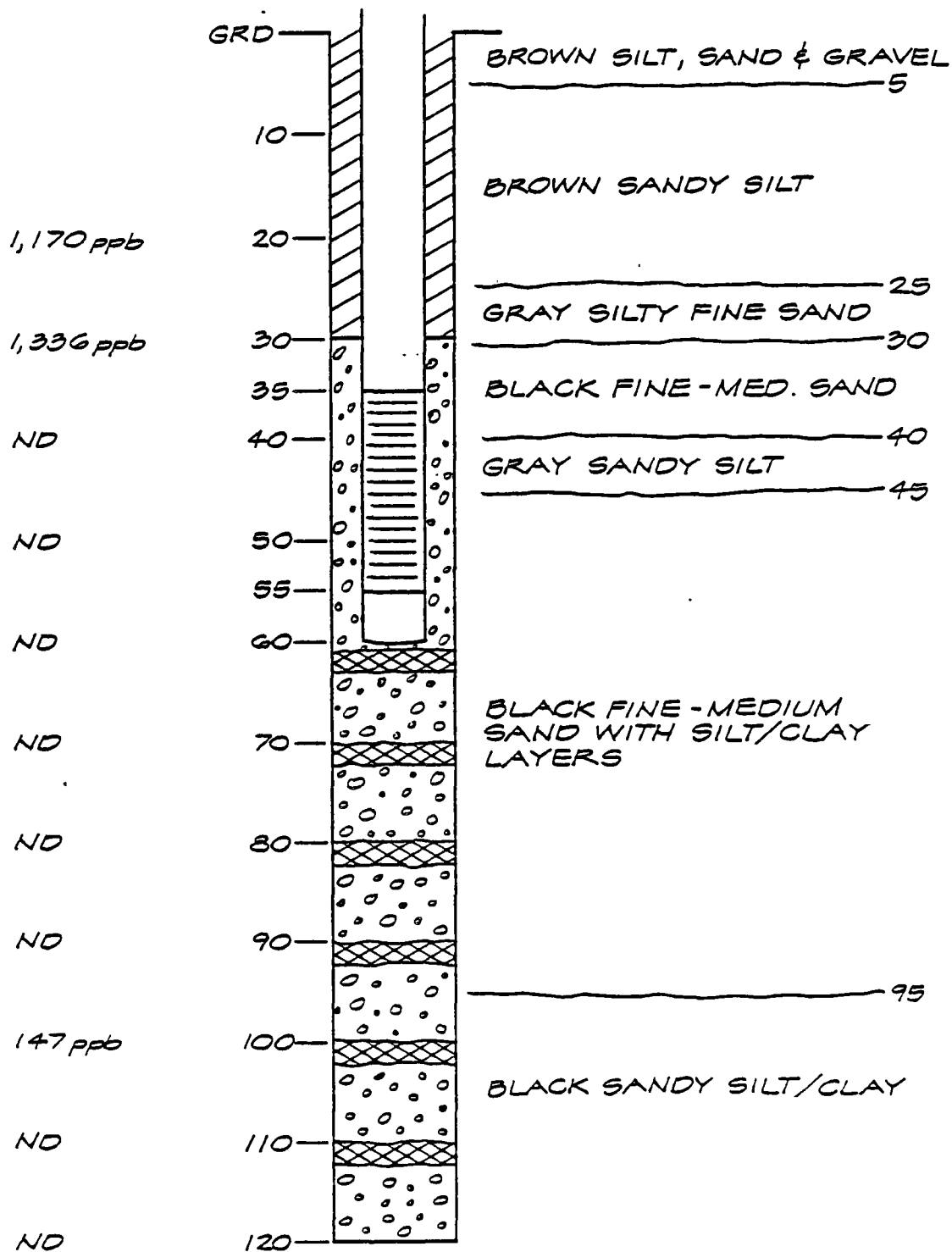
ND = NOT DETECTED

FIGURE 6  
WELL NO. 37  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



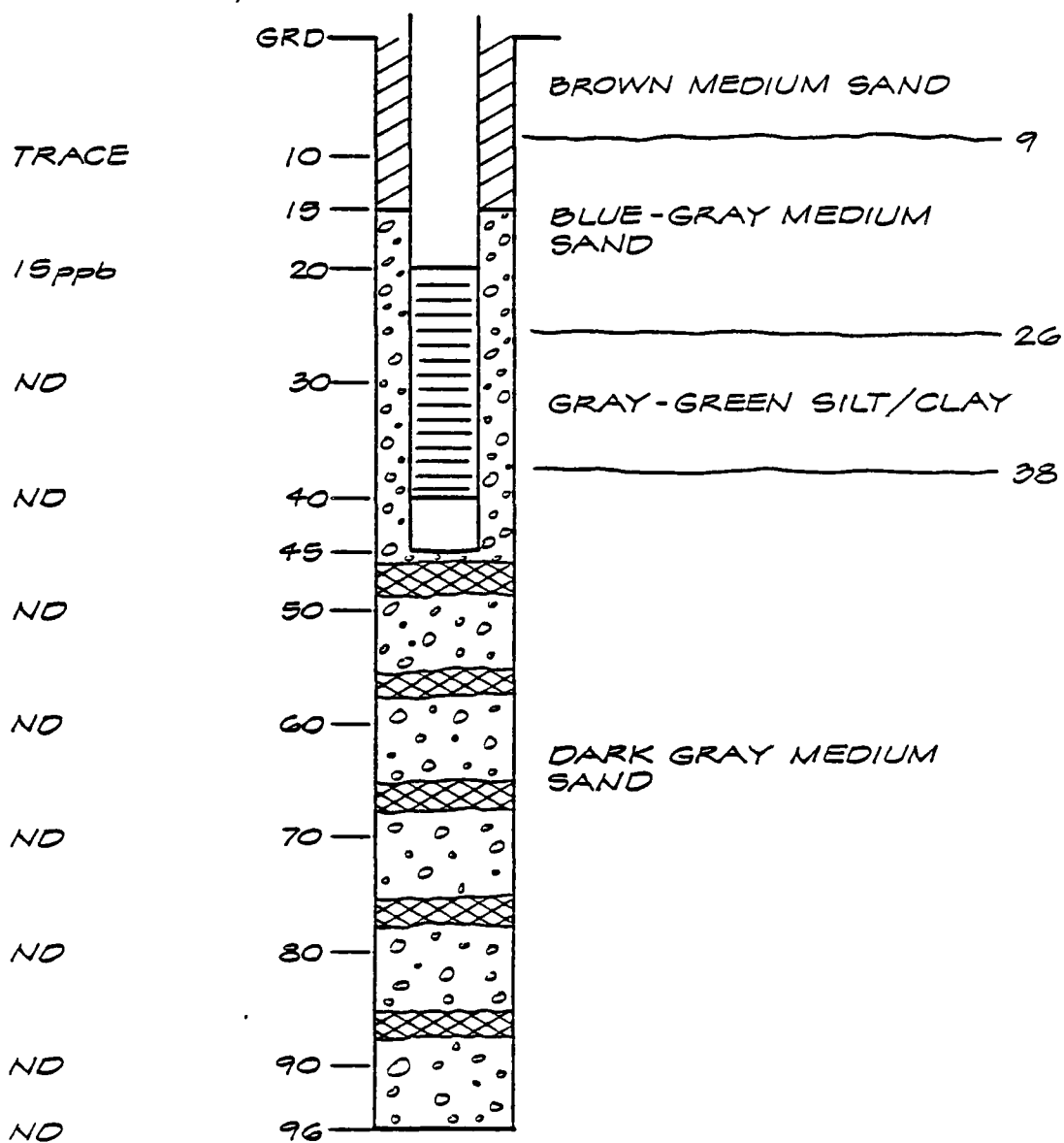
ND = NOT DETECTED

FIGURE 7  
WELL NO. 38  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



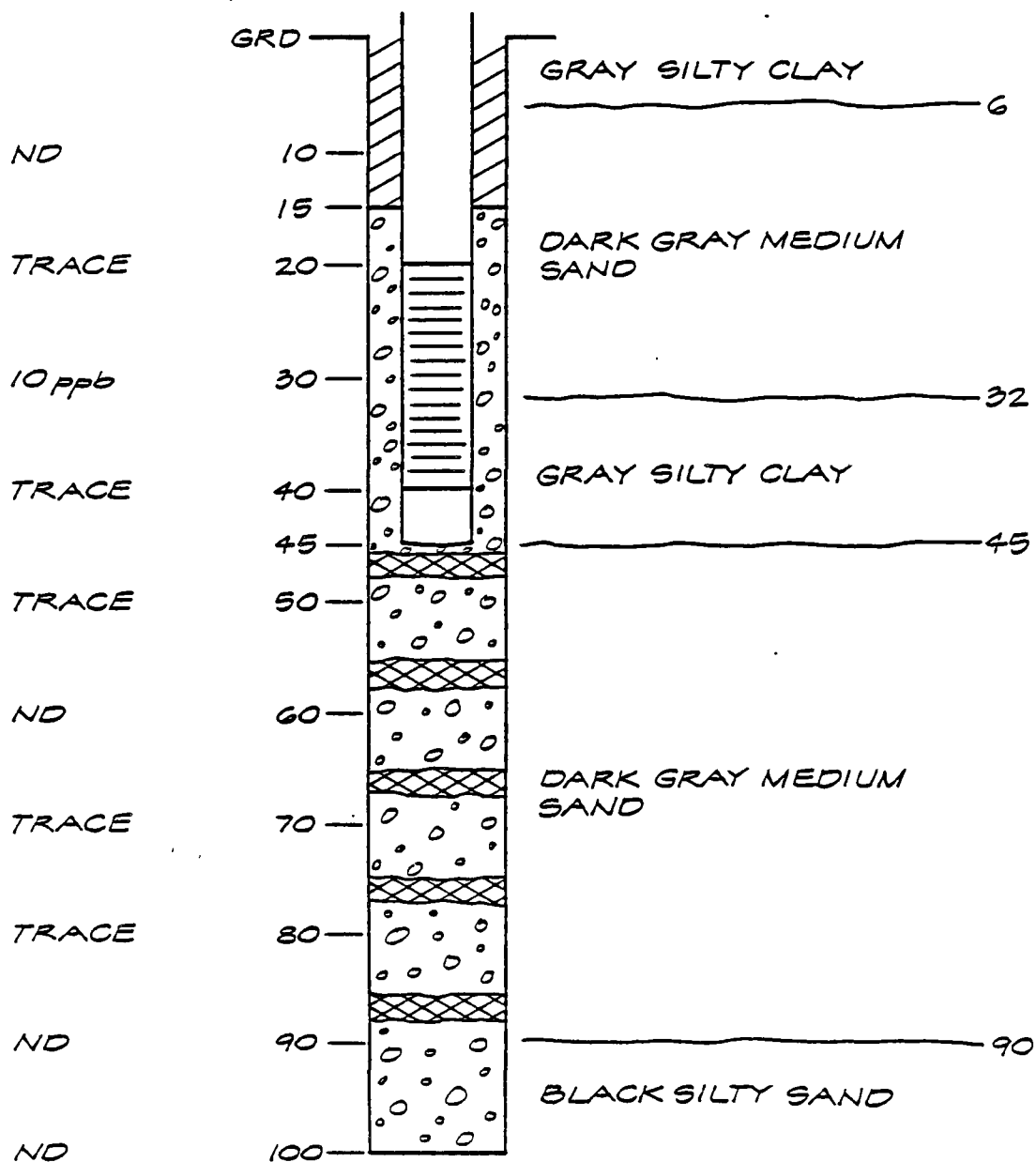
ND = NOT DETECTED

FIGURE 8  
WELL NO. 39  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



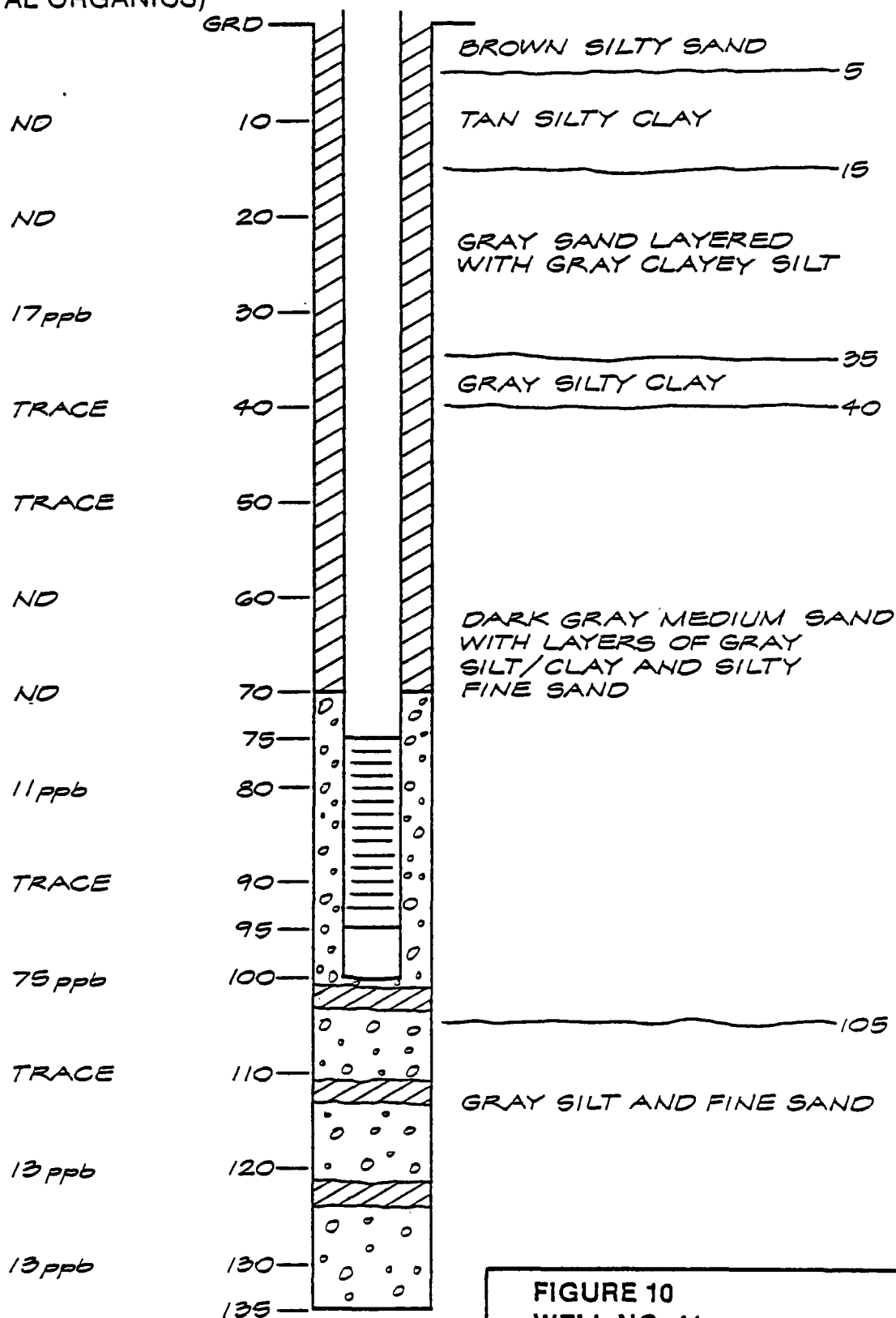
ND = NOT DETECTED

FIGURE 9  
WELL NO. 40  
WESTERN PROCESSING  
KENT, WASHINGTON

# OVA RESULTS (TOTAL ORGANICS)

## WELL CONSTRUCTION

## GEOLOGY



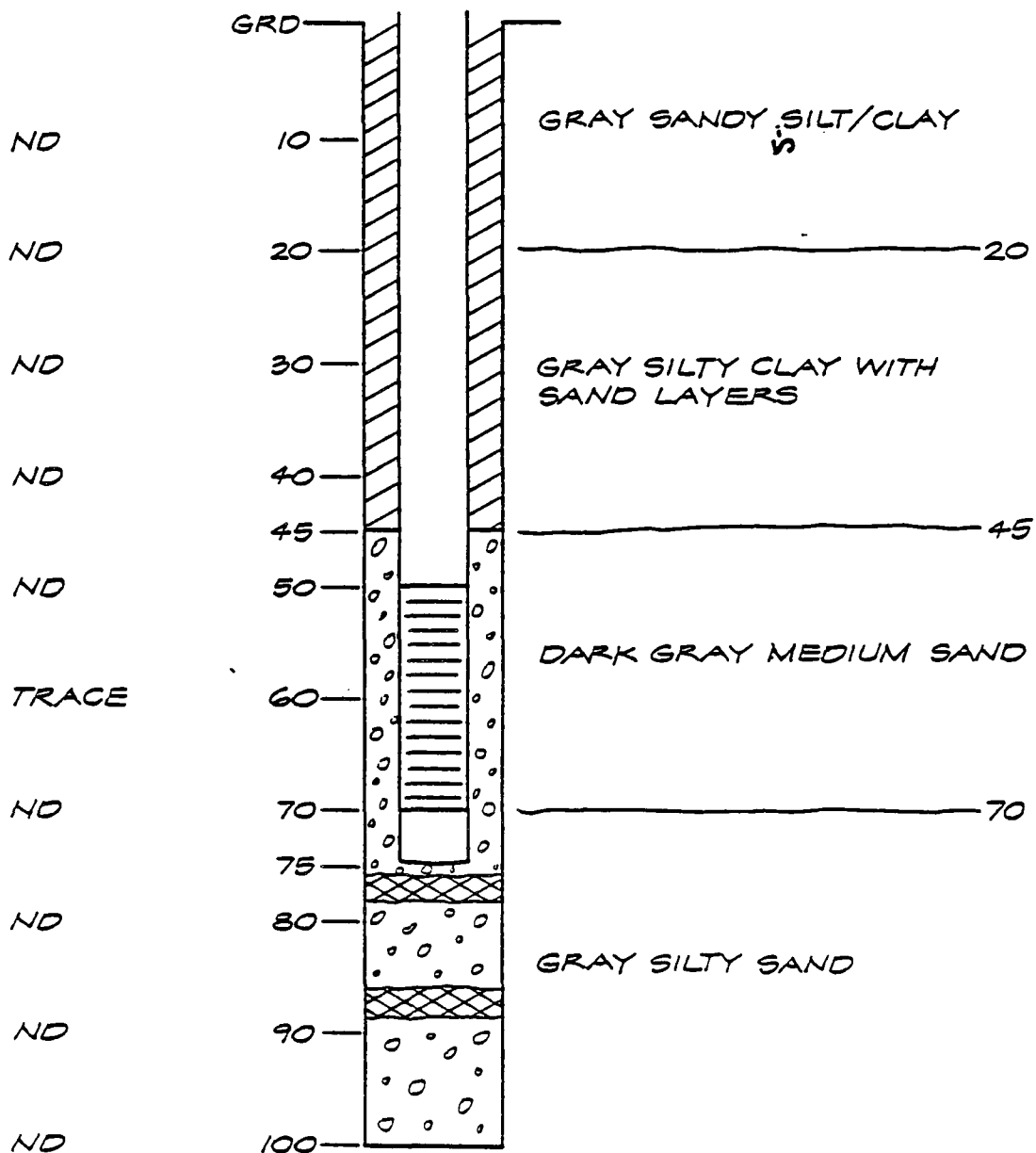
ND = NOT DETECTED

FIGURE 10  
WELL NO. 41  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



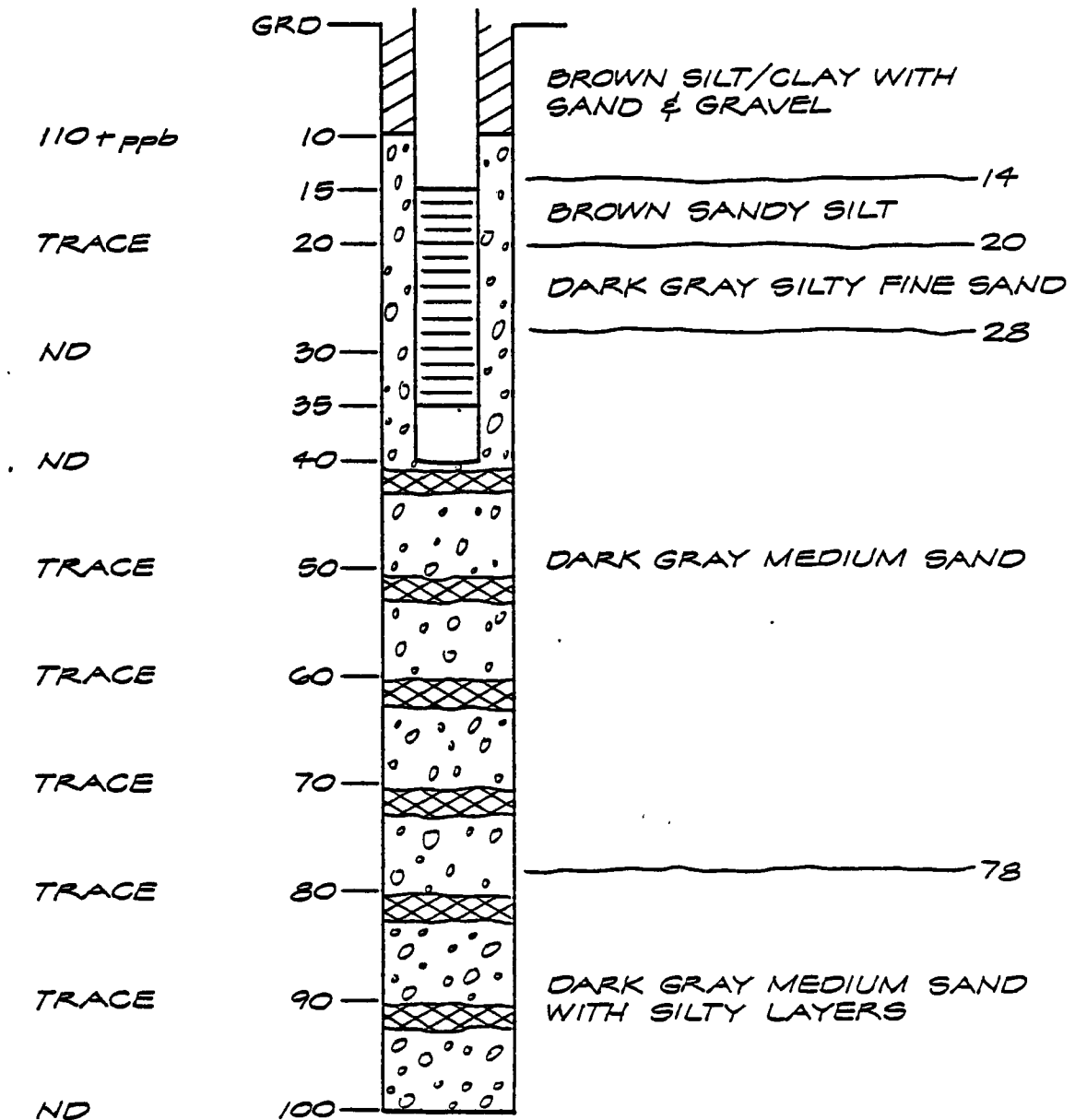
ND = NOT DETECTED

FIGURE 11  
WELL NO. 42  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



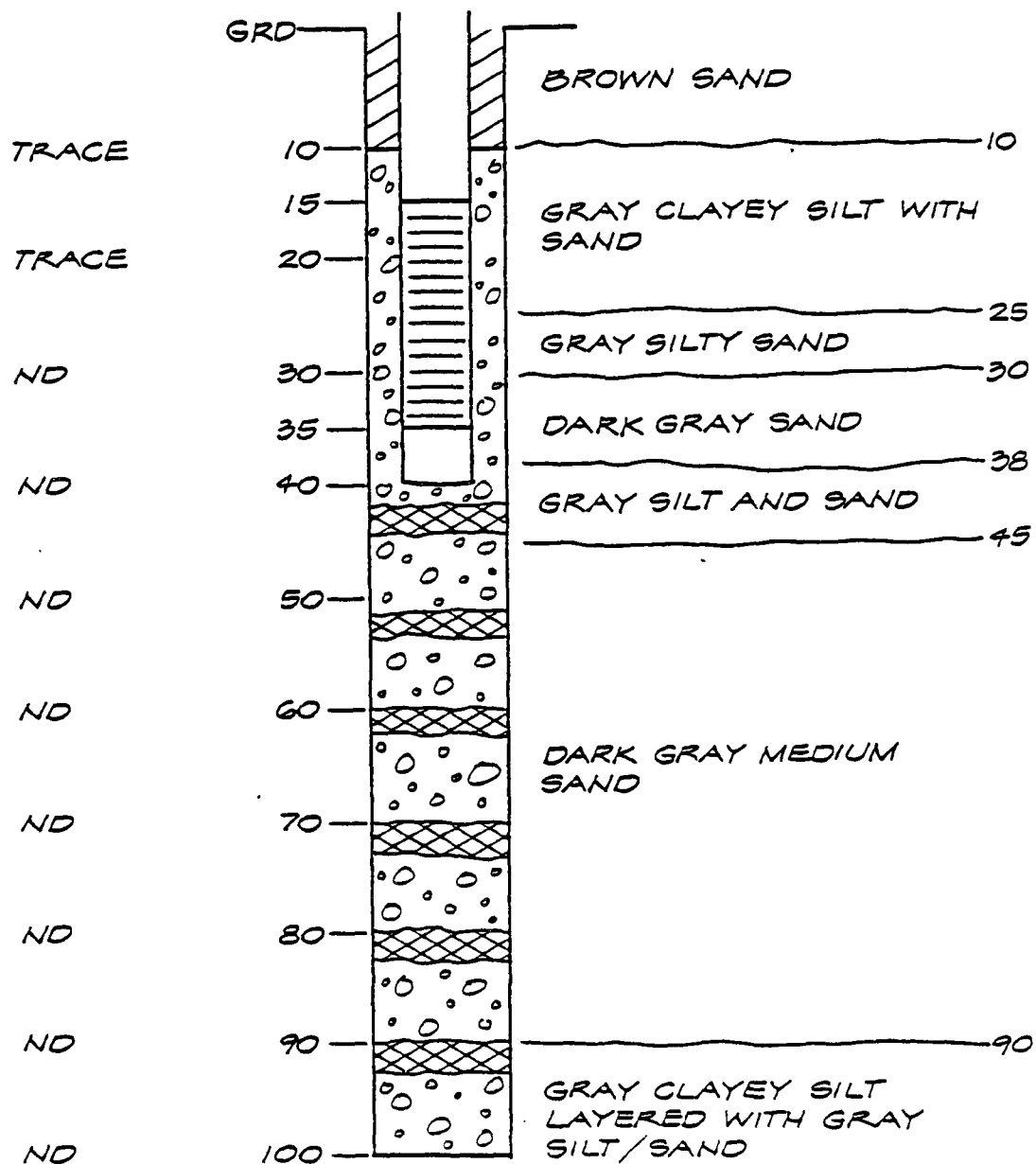
ND = NOT DETECTED

FIGURE 12  
WELL NO. 43  
WESTERN PROCESSING  
KENT, WASHINGTON

OVA RESULTS  
(TOTAL ORGANICS)

WELL CONSTRUCTION

GEOLOGY



ND = NOT DETECTED

FIGURE 13  
WELL NO. 44  
WESTERN PROCESSING  
KENT, WASHINGTON

Table 3  
CONDUCTIVITY AND pH PROFILES FOR WELLS 35 THROUGH 44  
WESTERN PROCESSING, KENT, WASHINGTON

| Depth<br>(feet) | Monitoring Well Number<br>[pH (units)/conductivity (umhos)] |            |            |            |            |
|-----------------|-------------------------------------------------------------|------------|------------|------------|------------|
|                 | 35                                                          | 36         | 37         | 38*        | 39         |
| 10              | --                                                          | 6.97/230   | --         | --         | 7.15/230   |
| 20              | --                                                          | 6.49/210   | --         | --         | 6.68/235   |
| 30              | 6.40/--                                                     | 6.57/220   | 6.77/225   | 7.48/130   | 6.87/285   |
| 40              | 6.61/110                                                    | 6.70/220   | 7.01/320   | 7.04/140   | 6.72/300   |
| 50              | 6.71/--                                                     | 6.76/340   | 6.88/300   | 7.12/160   | 6.83/340   |
| 60              | 6.66/255                                                    | 6.99/440   | 7.14/375   | 7.34/230   | 7.02/470   |
| 70              | 7.18/--                                                     | 7.07/650   | 6.93/310   | 7.39/470   | 7.48/800   |
| 80              | 7.03/--                                                     | 7.28/800   | 7.33/500   | 7.47/1,000 | 7.64/900   |
| 90              | 7.30/--                                                     | 7.61/425   | 7.62/1,100 | 7.75/1,300 | 7.73/1,450 |
| 100             | 7.42/--                                                     | 7.65/1,500 | 7.32/1,650 | 7.75/1,550 | 7.62/2,500 |
| 110             | 7.57/--                                                     | --         | --         | --         | --         |
| 120             | 7.32/1,600                                                  | --         | --         | 7.71/2,150 | --         |
| 130             | 7.72/1,500                                                  | --         | --         | --         | --         |
| 140             | 7.24/2,000                                                  | --         | --         | --         | --         |

| Depth<br>(feet) | 40       | 41         | 42       | 43       | 44       |
|-----------------|----------|------------|----------|----------|----------|
| 10              | --       | --         | --       | --       | --       |
| 20              | 6.30/100 | --         | 6.60/200 | 6.22/60  | --       |
| 30              | 6.04/100 | 6.83/140   | 6.54/200 | 6.23/90  | 7.11/105 |
| 40              | 6.12/75  | 6.79/135   | 6.68/220 | 6.30/80  | 7.13/100 |
| 50              | 6.15/60  | 7.04/210   | 6.82/210 | 6.52/110 | 7.28/200 |
| 60              | 6.18/60  | 7.27/310   | 7.03/200 | 6.91/160 | 7.69/55  |
| 70              | 6.06/50  | 7.42/290   | 7.08/360 | 7.23/--  | 8.00/205 |
| 80              | 6.75/160 | 7.63/215   | 6.97/300 | 7.32/600 | 7.82/115 |
| 90              | 6.74/170 | 7.62/290   | 7.23/360 | 6.80/950 | 7.46/420 |
| 100             | 6.63/350 | 7.47/1,100 | 7.14/900 | --       | 7.49/390 |
| 110             | --       | 7.54/900   | --       | --       | --       |
| 120             | --       | 7.45/925   | --       | --       | --       |
| 130             | --       | 7.17/2,100 | --       | --       | --       |
| 140             | --       | --         | --       | --       | --       |

\*Taken 8-26-83 (not iced), analyzed 9-9-83.

Note: -- = Sample not obtained at this depth or sample volume was not sufficient for determining pH and/or conductivity.

## SURFACE SOIL AND SEDIMENT SAMPLING

Twelve surface soil and 30 sediment samples were taken during the offsite investigation. Surface soil sampling was concentrated along the jogging path and areas north (down-wind) of the site. Sediment sampling was concentrated along Mill Creek and drainage ditches to the east of the site.

### SAMPLE DOCUMENTATION

All samples were labeled and documented using EPA contract laboratories' procedures and forms. Chain-of-custody documentation was maintained throughout the sampling program. Photographs of the sample location and sampling were taken. A field notebook was used to record site description, weather, photo number, observations, and miscellaneous information pertaining to the sampling program.

Samples were sometimes kept several days after collection at the direction of the Sample Management Office of the EPA contract laboratories. In these instances, samples were kept on ice in sealed ice chests in a secure, locked area.

### SURFACE SOIL SAMPLING

Surface soil samples were collected August 18 through August 22, 1983. Level D protection was used during sampling with continuous ambient air monitoring with an HNU photoionizer. A total of 12 stations were sampled (see Figure 14). All samples were analyzed for six "indicator" metals (chromium, nickel, zinc, arsenic, cadmium, and lead). Five of the 12 samples also were analyzed for base neutral organics (see Table 4). Sampling locations were marked by

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Table 4  
SURFACE SOIL STATIONS AND ANALYSES

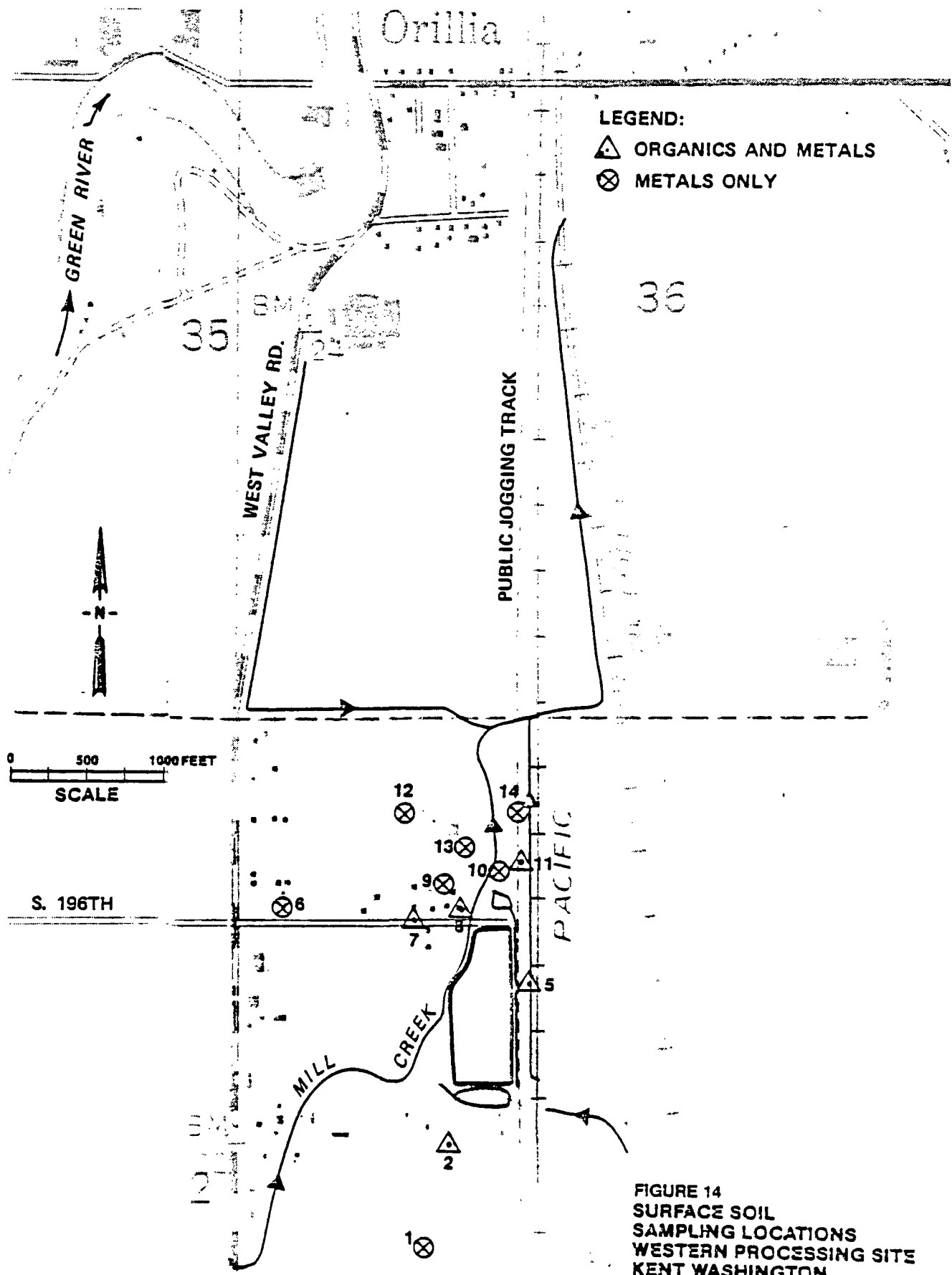
| <u>Station</u> | <u>Analysis</u>      | <u>Comments</u>   |
|----------------|----------------------|-------------------|
| SS-001         | Metals               | Collected 8-22-83 |
| SS-002         | Metals & B/N Extrct. | Collected 8-22-83 |
| SS-005         | Metals & B/N Extrct. | Collected 8-18-83 |
| SS-006         | Metals               | Collected 8-18-83 |
| SS-007         | Metals & B/N Extrct. | Collected 8-18-83 |
| SS-008         | Metals & B/N Extrct. | Collected 8-18-83 |
| SS-009         | Metals               | Collected 8-18-83 |
| SS-010         | Metals               | Collected 8-18-83 |
| SS-011         | Metals & B/N Extrct. | Collected 8-18-83 |
| SS-012         | Metals               | Collected 8-18-83 |
| SS-013         | Metals               | Collected 8-18-83 |
| SS-014         | Metals               | Collected 8-18-83 |

---

Note: SS = Surface soil sample.

B/N = Base neutral extracts.

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wood stakes and lath and documented in the field notebook. The samples were obtained using a stainless steel or a teflon-coated trowel to scrape off the upper one inch of soil. All sampling equipment was decontaminated between each station using trisodium phosphate and water, followed by a clean water rinse and a distilled water rinse. An HNU photoionizer was used for screening samples for organic contaminants.

#### SEDIMENT SAMPLING

Thirty sediment samples were collected August 22 through August 25, 1983. Level D protection was used during sampling with continuous ambient air monitoring with an HNU photoionizer. Core samples were taken from Mill Creek, the ditches east of the site (railroad and powerline), and the ponding areas north and south of the site (see Figure 15).

All 30 were analyzed for the six "indicator" metals, and 10 of the 30 samples were analyzed for the priority organic pollutants (Table 5).

All samples were taken from the upper 6 inches of sediment using a PVC hand corer or a KB corer with stainless steel coring tube. The PVC corer proved to be the best way to collect samples of wet sediments consisting of silt and fine sand. Sediments in dry areas were collected with a stainless steel trowel, taking the upper 6 inches for each sample.

Sediment sampling was concentrated along Mill Creek opposite the Western Processing site. Noticeable drainage areas from the site into the creek were also sampled. Stations 15, 23, 30, 11, 17, and 18 are such areas. Samples from the creek were placed in a glass bowl and mixed using a stainless steel spoon from which a sub-sample was taken.

All sampling equipment was decontaminated between each sampling station, using the same procedure described above but with an additional methanol rinse. The samples were screened for organic contamination with an HNU photoionizer during sampling. No unusually high readings (greater than about 20 ppm) were detected.

#### SAMPLING RESULTS

Results of the inorganic and organic analyses of surface soil and sediment samples are shown in Tables B-5, B-6, B-7, and B-8 in the Appendix B.

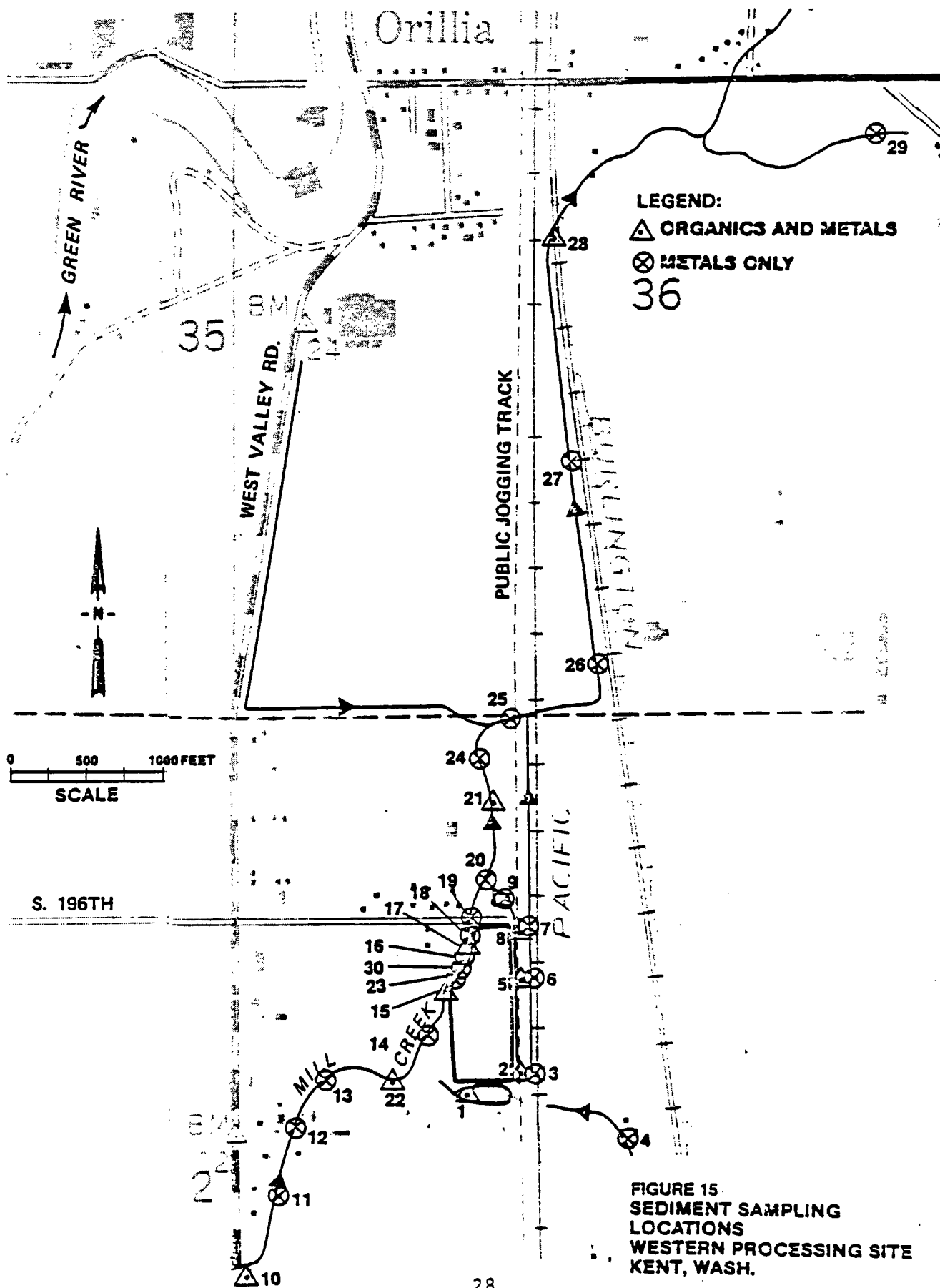


Table 5  
SEDIMENT STATIONS AND ANALYSES

| <u>Stations</u> | <u>Analysis</u> | <u>Comments</u>           | <u>Sample</u> |
|-----------------|-----------------|---------------------------|---------------|
| SD-001          | Metals & POP    | Collected 8-22            | Dry (pond)    |
| SD-002          | Metals & POP    | Collected 8-22            | Dry (ditch)   |
| SD-003          | Metals          | Collected 8-22            | Dry (ditch)   |
| SD-004          | Metals          | Duplicate, collected 8-23 | Dry (pond)    |
| SD-005          | Metals & POP    | Collected 8-23            | Dry (ditch)   |
| SD-006          | Metals          | Collected 8-23            | Dry (ditch)   |
| SD-007          | Metals          | Collected 8-22            | Wet (ditch)   |
| SD-008          | Metals & POP    | Collected 8-22            | Dry (ditch)   |
| SD-009          | Metals          | Collected 8-22            | Dry (pond)    |
| SD-010          | Metals & POP    | Collected 8-23            | Wet (creek)   |
| SD-011          | Metals          | Collected 8-23            | Wet (creek)   |
| SD-012          | Metals          | Collected 8-23            | Wet (creek)   |
| SD-013          | Metals          | Collected 8-23            | Wet (creek)   |
| SD-014          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-015          | Metals & POP    | Collected 8-24            | Wet (creek)   |
| SD-016          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-017          | Metals & POP    | Duplicate, collected 8-24 | Wet (creek)   |
| SD-018          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-019          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-020          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-021          | Metals & POP    | Collected 8-24            | Wet (creek)   |
| SD-022          | Metals & POP    | Collected 8-23            | Wet (creek)   |
| SD-023          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-024          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-025          | Metals          | Collected 8-24            | Wet (creek)   |
| SD-026          | Metals          | Collected 8-25            | Wet (creek)   |
| SD-027          | Metals          | Duplicate, collected 8-25 | Wet (creek)   |
| SD-028          | Metals & POP    | Collected 8-25            | Wet (creek)   |
| SD-029          | Metals          | Collected 8-25            | Wet (creek)   |
| SD-030          | Metals          | Collected 8-24            | Wet (creek)   |

Note: SD = Sediment sample.

POP = Priority organic pollutants.

## APPENDIX A

Project No.: W-60916.C3

Well No.: 31  
Date: 10/24/83

Page 1 of 1

[illegible]

Pumping Test Report  
Project No.: W60916.C3

Well No.: 32  
Date: 10/26/83

Page / of /

[illegible]

Pumping Test Report  
Project No.: W60916.C3

Well No.: 33  
Date: 10/26/83

10/26/83

Page / of /

[illegible]

SUBJECT Slug Withdrawal Test  
Well No. 34

BY WBR DATE 10/21/23  
 SHEET NO. \_\_\_\_\_ OF \_\_\_\_\_  
 PROJECT NO. W60916-C5

| $t_m$<br>Time<br>(min.) | Depth to<br>Water<br>(feet) | Residual<br>Head<br>(feet) | $V_{tm}$<br>(min <sup>-1</sup> ) |
|-------------------------|-----------------------------|----------------------------|----------------------------------|
| Static                  | 9.67                        | 0                          | —                                |
| -0.25                   |                             |                            |                                  |
| 0.25                    |                             |                            |                                  |
| 1.25                    | 16.02                       | 6.35                       | 0.800                            |
| 1.75                    | 15.43                       | 5.76                       | 0.571                            |
| 2.25                    | 15.12                       | 5.45                       | 0.444                            |
| 2.67                    | 14.89                       | 5.22                       | 0.375                            |
| 3.17                    | 14.65                       | 4.98                       | 0.315                            |
| 3.75                    | 14.56                       | 4.89                       | 0.267                            |
| 4.25                    | 14.34                       | 4.67                       | 0.235                            |
| 4.75                    | 14.10                       | 4.43                       | 0.211                            |
| 5.25                    | 13.89                       | 4.22                       | 0.190                            |
| 5.83                    | 13.67                       | 4.00                       | 0.172                            |
| 6.42                    | 13.53                       | 3.86                       | 0.156                            |
| 7.08                    | 13.33                       | 3.66                       | 0.141                            |
| 7.58                    | 13.14                       | 3.47                       | 0.132                            |
| 8.58                    | 12.77                       | 3.10                       | 0.117                            |
| 9.25                    | 12.70                       | 3.03                       | 0.108                            |
| 10.92                   | 12.18                       | 2.51                       | 0.092                            |

Start pumping

Stop pumping = 6.5 gal.

Pumping Test Report  
Project No.: W60916.C3

Well No.: 35  
Date: 10/26/23

Page / of /

[illegible]

Well No.: 36  
Date: 10/24/83

[illegible]

Project No.: W60916. C2

Date: 10/25/83

37

[illegible]



Pumping Test Report  
Project No.: W60916. C3

Well No.: 57  
Date: 10/24/83

Page / of /

[illegible]

# Pumping Test Report

Project No.: W60916.C3

Well No.:

Date: 10/24/83

Page / of /

[illegible]

# Pumping Test Report

Well No.: 41  
Date: 10/24/83

Well No.: 41

Date: 10/24/83

Page / of /

[illegible]

Pumping Test Report  
Project No.: W60916.C3

Well No.: 42  
Date: 10/26/83

Page / of /

[illegible]

SUBJECT Slug Withdrawal Test BY MBR DATE 10/26/  
Well No. 43 SHEET NO.        OF         
 PROJECT NO. W60916.C3

| $t_m$<br>Time<br>(min.) | Depth to<br>Water<br>(feet) | Residual<br>Head<br>(feet) | $1/t_m$<br>(min. <sup>-1</sup> ) |
|-------------------------|-----------------------------|----------------------------|----------------------------------|
| Static                  | 10.11                       | 0                          | —                                |
| -0.25                   |                             |                            | Start pumping                    |
| 0.25                    |                             |                            | Stop pumping = 6.0 gal.          |
| 1.25                    | 12.89                       | 2.78                       | 0.800                            |
| 1.58                    | 12.36                       | 2.25                       | 0.633                            |
| 1.83                    | 11.99                       | 1.88                       | 0.546                            |
| 2.12                    | 11.60                       | 1.49                       | 0.472                            |
| 2.58                    | 11.28                       | 1.17                       | 0.388                            |
| 2.92                    | 11.04                       | 0.93                       | 0.342                            |
| 3.25                    | 10.88                       | 0.77                       | 0.308                            |
| 3.58                    | 10.75                       | 0.64                       | 0.279                            |
| 3.83                    | 10.67                       | 0.56                       | 0.261                            |
| 4.17                    | 10.58                       | 0.47                       | 0.240                            |
| 4.50                    | 10.54                       | 0.43                       | 0.222                            |
| 4.92                    | 10.47                       | 0.36                       | 0.203                            |
| 5.25                    | 10.42                       | 0.31                       | 0.190                            |
| 5.75                    | 10.37                       | 0.26                       | 0.174                            |
| 6.25                    | 10.34                       | 0.23                       | 0.160                            |
| 6.75                    | 10.31                       | 0.20                       | 0.148                            |
| 8.08                    | 10.27                       | 0.16                       | 0.124                            |
| 10.00                   | 10.23                       | 0.12                       | 0.100                            |
| 11.42                   | 10.22                       | 0.11                       | 0.088                            |

SUBJECT Slug Withdrawal Test  
Well No. 44

BY WBR DATE 10/22/83

SHEET NO.      OF     

PROJECT NO. W60916.C3

| $t_m$<br>Time<br>(min) | Depth to<br>Water<br>(feet) | Residual<br>Head<br>(feet) | $1/t_m$<br>(min <sup>-1</sup> ) |
|------------------------|-----------------------------|----------------------------|---------------------------------|
|------------------------|-----------------------------|----------------------------|---------------------------------|

|        |       |   |   |
|--------|-------|---|---|
| Static | 10.49 | 0 | — |
|--------|-------|---|---|

- 0.25

Start pumping

0.25

Stop pumping = 6.0 gal.

|       |       |      |       |
|-------|-------|------|-------|
| 1.25  | 13.68 | 3.19 | 0.800 |
| 1.58  | 13.25 | 2.76 | 0.633 |
| 1.92  | 12.90 | 2.41 | 0.521 |
| 2.33  | 12.54 | 2.05 | 0.429 |
| 2.75  | 12.24 | 1.75 | 0.364 |
| 3.08  | 12.04 | 1.55 | 0.325 |
| 3.58  | 11.84 | 1.35 | 0.279 |
| 4.00  | 11.69 | 1.20 | 0.250 |
| 4.50  | 11.55 | 1.06 | 0.222 |
| 4.92  | 11.45 | 0.96 | 0.203 |
| 5.58  | 11.34 | 0.85 | 0.179 |
| 6.50  | 11.22 | 0.73 | 0.154 |
| 7.08  | 11.13 | 0.64 | 0.141 |
| 8.00  | 11.02 | 0.53 | 0.125 |
| 8.83  | 10.95 | 0.46 | 0.113 |
| 9.33  | 10.91 | 0.42 | 0.107 |
| 10.08 | 10.88 | 0.39 | 0.099 |
| 11.08 | 10.84 | 0.35 | 0.090 |
| 12.25 | 10.80 | 0.31 | 0.082 |
| 13.58 | 10.76 | 0.27 | 0.074 |
| 16.25 | 10.72 | 0.23 | 0.062 |

## APPENDIX B

29-Mar-84

Table B-1  
BORE HOLE INORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE R1  
BOREHOLE  
INORGANICS ANALYSIS

ALL RESULTS IN MG/KG

| SAMPLE NO.      | CHROMIUM | NICKEL | ZINC | ARSENIC | CADMIUM | LEAD |
|-----------------|----------|--------|------|---------|---------|------|
| WPO-BC-035-050  | 9.5      | 8.0    | 18.5 | 1.5     | 0.05    | 1.5  |
| WPO-BC-035-060  | 5.5      | 6.0    | 11.0 | 3.0     | 0.05    | 1.0  |
| WPO-BC-035-070  | 6.0      | 6.0    | 14.0 | 3.0     | 0.05    | 1.0  |
| WPO-BC-035-080  | 7.5      | 8.0    | 15.0 | 1.5     | 0.05    | 1.0  |
| WPO-BC-035-120  | 8.0      | 6.0    | 15.0 | 1.5     | 0.05    | 1.0  |
| FIELD BLANK     | 0.05     | 2.0    | 0.05 | 0.05    | 0.05    | 0.33 |
| WPO-BC-036-030  | 10.0     | 8.0    | 19.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-036-040  | 7.0      | 6.0    | 11.0 | 0.5     | 0.05    | 0.8  |
| WPO-BC-036-080A | 8.0      | 6.0    | 14.5 | 1.0     | 0.05    | 0.8  |
| WPO-BC-036-080B | 7.0      | 6.0    | 14.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-036-100  | 8.0      | 6.0    | 14.5 | 1.0     | 0.05    | 0.8  |
| FIELD BLANK     | 0.5      | 2.0    | 0.5  | 0.5     | 0.05    | 0.3  |
| WPO-BC-037-040  | 6.5      | 6.0    | 13.5 | 1.5     | 0.05    | 1.0  |
| WPO-BC-037-050  | 9.0      | 10.0   | 19.0 | 1.5     | 0.05    | 1.0  |
| WPO-BC-037-060A | 6.0      | 6.0    | 15.5 | 1.0     | 0.05    | 0.8  |
| WPO-BC-037-060B | 8.0      | 6.0    | 18.0 | 1.0     | 0.05    | 1.0  |
| WPO-BC-037-090  | 8.0      | 6.0    | 14.5 | 1.0     | 0.05    | 1.0  |
| WPO-BC-037-100  | 7.0      | 6.0    | 14.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-038-030  | 7.5      | 5.0    | 13.0 | 1.0     | 0.05    | 1.0  |
| WPO-BC-038-040  | 6.0      | 5.0    | 12.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-038-050A | 11.5     | 11.0   | 22.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-038-050B | 8.0      | 7.0    | 14.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-038-110  | 10.0     | 9.0    | 22.0 | 2.5     | 0.05    | 1.0  |
| WPO-BC-038-120  | 7.0      | 7.0    | 15.0 | 2.0     | 0.05    | 0.8  |
| WPO-BC-039-020A | 4.5      | 4.0    | 10.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-039-020B | 4.0      | 4.0    | 8.5  | 1.0     | 0.05    | 0.8  |
| WPO-BC-039-030  | 8.0      | 8.5    | 19.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-039-040  | 6.0      | 5.0    | 12.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-039-060  | 7.5      | 7.0    | 17.0 | 1.5     | 0.05    | 1.0  |
| WPO-BC-039-090  | 7.0      | 6.0    | 15.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-040-010  | 7.0      | 6.0    | 16.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-040-020  | 23.5     | 4.0    | 9.5  | 0.5     | 0.05    | 0.3  |
| WPO-BC-040-030  | 5.0      | 4.0    | 8.0  | 1.0     | 0.05    | 0.8  |
| WPO-BC-040-040A | 8.0      | 8.0    | 15.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-040-040B | 8.0      | 8.0    | 17.0 | 2.0     | 0.05    | 1.0  |
| WPO-BC-040-080  | 7.0      | 8.0    | 15.0 | 1.0     | 0.05    | 0.8  |
| FIELD BLANK     | 0.05     | 2.0    | 0.05 | 0.05    | 0.05    | 0.33 |
| WPO-BC-041-030  | 4.0      | 4.0    | 8.0  | 0.5     | 0.05    | 0.8  |
| WPO-BC-041-070  | 7.0      | 6.0    | 14.5 | 1.0     | 0.05    | 0.8  |
| WPO-BC-041-080A | 6.0      | 6.0    | 12.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-041-080B | 9.0      | 8.0    | 16.5 | 3.0     | 0.05    | 1.0  |
| WPO-BC-041-090  | 8.0      | 6.0    | 14.0 | 1.5     | 0.05    | 0.8  |
| WPO-BC-041-110  | 8.0      | 8.0    | 17.5 | 2.0     | 0.05    | 1.0  |
| WPO-BC-042-020  | 12.0     | 12.0   | 28.0 | 3.0     | 0.05    | 3.0  |
| WPO-BC-042-040  | 13.0     | 10.0   | 22.0 | 3.0     | 0.05    | 2.0  |
| WPO-BC-042-060  | 6.0      | 6.0    | 14.0 | 1.5     | 0.05    | 0.8  |
| WPO-BC-042-070  | 11.0     | 8.0    | 21.0 | 3.0     | 0.05    | 1.0  |
| WPO-BC-042-090A | 6.0      | 4.0    | 11.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-042-090B | 5.0      | 6.0    | 11.0 | 1.0     | 0.05    | 0.8  |
| WPO-BC-043-010  | 3.0      | 4.0    | 7.0  | 2.0     | 0.05    | 1.0  |
| WPO-BC-043-020  | 4.0      | 4.0    | 13.0 | 3.0     | 0.05    | 0.8  |
| WPO-BC-043-030A | 3.0      | 2.0    | 6.0  | 1.0     | 0.05    | 0.8  |
| WPO-BC-043-030B | 3.0      | 4.0    | 7.0  | 1.0     | 0.05    | 0.8  |
| WPO-BC-043-050  | 5.0      | 6.0    | 12.0 | 3.0     | 0.05    | 0.8  |
| WPO-BC-043-090  | 6.0      | 6.0    | 13.0 | 4.0     | 0.05    | 1.0  |
| WPO-BC-044-010  | 13.0     | 14.0   | 20.0 | 5.0     | 0.05    | 1.0  |
| WPO-BC-044-020  | 5.0      | 4.0    | 10.0 | 4.0     | 0.05    | 0.8  |
| WPO-BC-044-030  | 4.0      | 4.0    | 8.0  | 3.0     | 0.05    | 0.8  |
| WPO-BC-044-050  | 7.0      | 6.0    | 18.0 | 4.0     | 0.05    | 1.0  |
| WPO-BC-044-070A | 6.5      | 8.0    | 15.0 | 5.0     | 0.05    | 1.0  |
| WPO-BC-044-070B | 6.0      | 8.0    | 15.0 | 4.0     | 0.05    | 1.0  |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

29-Mar-84

# Table B-2

## BORE HOLE ORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | ACROLEIN | ACRYLONITRILE | BENZENE | CARBON<br>TETRACHLORIDE | CHLOROBENZENE | 1,2-DI-<br>CHLOROETHANE | 1,1,1-TRI-<br>CHLOROETHANE | 1,1-DI-<br>CHLOROETHANE | 1,1,2-TRI-<br>CHLOROETHANE | 1,1,2,2-TETRA-<br>CHLOROETHANE | CHLOROETHANE |
|-----------------|-----------------------|----------|---------------|---------|-------------------------|---------------|-------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|--------------|
| WPO-BC-035-050  | S2421                 | 66 U     | 66 U          | 6.6 U   | 6.6 U                   | 6.6 U         | 6.6 U                   | 6.6 U                      | 6.6 U                   | 6.6 U                      | 6.6 U                          | 6.6 U        |
| WPO-BC-035-060  | S2422                 | 58 U     | 58 U          | 5.8 U   | 5.8 U                   | 5.8 U         | 5.8 U                   | 5.8 U                      | 5.8 U                   | 5.8 U                      | 5.8 U                          | 5.8 U        |
| WPO-BC-035-070  | S2423                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-035-080  | S2424                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-035-120  | S2425                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| FIELD BLANK     | S2426                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-036-030  | S2427                 | 60 U     | 60 U          | 6.0 U   | 6.0 U                   | 6.0 U         | 6.0 U                   | 6.0 U                      | 6.0 U                   | 6.0 U                      | 6.0 U                          | 6.0 U        |
| WPO-BC-036-040  | S2428                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-036-080A | S2429                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-036-080B | S2430                 | 52 U     | 52 U          | 5.2 U   | 5.2 U                   | 5.2 U         | 5.2 U                   | 5.2 U                      | 5.2 U                   | 5.2 U                      | 5.2 U                          | 5.2 U        |
| WPO-BC-036-100  | S2431                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| FIELD BLANK     | S2432                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-037-040  | S2433                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-037-060B | S2434                 | 59 U     | 59 U          | 5.9 U   | 5.9 U                   | 5.9 U         | 5.9 U                   | 5.9 U                      | 5.9 U                   | 5.9 U                      | 5.9 U                          | 5.9 U        |
| WPO-BC-037-060B | S2435                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-037-090  | S2436                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-038-040  | S2437                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-038-050A | S2438                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-038-050B | S2439                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-038-110  | S2440                 | 59 U     | 59 U          | 5.9 U   | 5.9 U                   | 5.9 U         | 5.9 U                   | 5.9 U                      | 5.9 U                   | 5.9 U                      | 5.9 U                          | 5.9 U        |
| WPO-BC-039-020A | S2441                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-039-020B | S2442                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-039-030  | S2443                 | 63 U     | 63 U          | 6.3 U   | 6.3 U                   | 6.3 U         | 6.3 U                   | 6.3 U                      | 6.3 U                   | 6.3 U                      | 6.3 U                          | 6.3 U        |
| WPO-BC-039-060  | S2444                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-040-010A | S2445                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-040-010B | S2446                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-040-020  | S2447                 | 59 U     | 59 U          | 5.9 U   | 5.9 U                   | 5.9 U         | 5.9 U                   | 5.9 U                      | 5.9 U                   | 5.9 U                      | 5.9 U                          | 5.9 U        |
| WPO-BC-040-030  | S2448                 | 57 U     | 57 U          | 5.7 U   | 5.7 U                   | 5.7 U         | 5.7 U                   | 5.7 U                      | 5.7 U                   | 5.7 U                      | 5.7 U                          | 5.7 U        |
| WPO-BC-040-040  | S2449                 | 58 U     | 58 U          | 5.8 U   | 5.8 U                   | 5.8 U         | 5.8 U                   | 5.8 U                      | 5.8 U                   | 5.8 U                      | 5.8 U                          | 5.8 U        |
| WPO-BC-040-080  | S2450                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| FIELD BLANK     | S2451                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-041-030  | S2452                 | 54 U     | 54 U          | 5.4 U   | 5.4 U                   | 5.4 U         | 5.4 U                   | 5.4 U                      | 5.4 U                   | 5.4 U                      | 5.4 U                          | 5.4 U        |
| WPO-BC-041-070  | S2453                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-041-080A | S2454                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-041-080B | S2455                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-041-090  | S2456                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-041-110  | S2457                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-042-020  | S2458                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-042-040  | S2459                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-042-060  | S2460                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-042-070  | S2461                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| FIELD BLANK     | S2462                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-042-090A | S2463                 | 61 U     | 61 U          | 6.1 U   | 6.1 U                   | 6.1 U         | 6.1 U                   | 6.1 U                      | 6.1 U                   | 6.1 U                      | 6.1 U                          | 6.1 U        |
| WPO-BC-042-090B | S2464                 | 60 U     | 60 U          | 6.0 U   | 6.0 U                   | 6.0 U         | 6.0 U                   | 6.0 U                      | 6.0 U                   | 6.0 U                      | 6.0 U                          | 6.0 U        |
| WPO-BC-043-010  | S2465                 | 53 U     | 53 U          | 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 U        |
| WPO-BC-043-020  | S2466                 | 70 U     | 70 U          | 7.0 U   | 7.0 U                   | 7.0 U         | 7.0 U                   | 7.0 U                      | 7.0 U                   | 7.0 U                      | 7.0 U                          | 7.0 U        |
| WPO-BC-043-030A | S2467                 | 56 U     | 56 U          | 5.6 U   | 5.6 U                   | 5.6 U         | 5.6 U                   | 5.6 U                      | 5.6 U                   | 5.6 U                      | 5.6 U                          | 5.6 U        |
| WPO-BC-043-030B | S2468                 | 55 U     | 55 U          | 5.5 U   | 5.5 U                   | 5.5 U         | 5.5 U                   | 5.5 U                      | 5.5 U                   | 5.5 U                      | 5.5 U                          | 5.5 U        |
| WPO-BC-043-050  | S2469                 | 56 U     | 56 U          | 5.6 U   | 5.6 U                   | 5.6 U         | 5.6 U                   | 5.6 U                      | 5.6 U                   | 5.6 U                      | 5.6 U                          | 5.6 U        |
| WPO-BC-043-090  | S2470                 | 61 U     | 61 U          | 6.1 U   | 6.1 U                   | 6.1 U         | 6.1 U                   | 6.1 U                      | 6.1 U                   | 6.1 U                      | 6.1 U                          | 6.1 U        |
| FIELD BLANK     | S2471                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |
| WPO-BC-044-010  | S2472                 | 58 U     | 58 U          | 5.8 U   | 5.8 U                   | 5.8 U         | 5.8 U                   | 5.8 U                      | 5.8 U                   | 5.8 U                      | 5.8 U                          | 5.8 U        |
| WPO-BC-044-020  | S2473                 | 57 U     | 57 U          | 5.7 U   | 5.7 U                   | 5.7 U         | 5.7 U                   | 5.7 U                      | 5.7 U                   | 5.7 U                      | 5.7 U                          | 5.7 U        |
| WPO-BC-044-030  | S2474                 | 57 U     | 57 U          | 5.7 U   | 5.7 U                   | 5.7 U         | 5.7 U                   | 5.7 U                      | 5.7 U                   | 5.7 U                      | 5.7 U                          | 5.7 U        |
| WPO-BC-044-050  | S2475                 | 57 U     | 57 U          | 5.7 U   | 5.7 U                   | 5.7 U         | 5.7 U                   | 5.7 U                      | 5.7 U                   | 5.7 U                      | 5.7 U                          | 5.7 U        |
| WPO-BC-044-070A | S2476                 | 55 U     | 55 U          | 5.5 U   | 5.5 U                   | 5.5 U         | 5.5 U                   | 5.5 U                      | 5.5 U                   | 5.5 U                      | 5.5 U                          | 5.5 U        |
| WPO-BC-044-070B | S2477                 | 57 U     | 57 U          | 5.7 U   | 5.7 U                   | 5.7 U         | 5.7 U                   | 5.7 U                      | 5.7 U                   | 5.7 U                      | 5.7 U                          | 5.7 U        |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
 N = DETECTED BUT NOT QUANTIFIABLE  
 J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
 NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | 2-CHLOROETHYL-<br>VINYL ETHER | CHLOROFORM | 1,1-DI-<br>CHLOROETHENE | TRANS-1,2 DI-<br>CHLOROETHENE | 1,2-DI-<br>CHLOROPROPANE | TRANS-1,3-<br>DICHLOROPROPENE | CIS-1,3-DI-<br>CHLOROPROPENE | ETHYLBENZENE | METHYLENE<br>CHLORIDE | CHLOROMETHANE | BROMOMETHANE |
|-----------------|-----------------------|-------------------------------|------------|-------------------------|-------------------------------|--------------------------|-------------------------------|------------------------------|--------------|-----------------------|---------------|--------------|
| WPO-BC-035-050  | S2421                 | 6.6 U                         | 6.6 U      | 6.6 U                   | 29.9 M                        | 6.6 U                    | 6.6 U                         | 6.6 U                        | 6.6 U        | 14.9 M                | 6.6 U         | 6.6 U        |
| WPO-BC-035-060  | S2422                 | 5.8 U                         | 5.8 U      | 5.8 U                   | 40.1                          | 5.8 U                    | 5.8 U                         | 5.8 U                        | 5.8 U        | 13.9 M                | 5.8 U         | 5.8 U        |
| WPO-BC-035-070  | S2423                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 18.1 M                        | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 10.4 M                | 5.4 U         | 5.4 U        |
| WPO-BC-035-080  | S2424                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 7.7 M                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 17.3 M                | 5.4 U         | 5.4 U        |
| WPO-BC-035-120  | S2425                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 5.4 U                 | 5.4 U         | 5.4 U        |
| FIELD BLANK     | S2426                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 4.5 U                 | 4.5 U         | 4.5 U        |
| WPO-BC-036-030  | S2427                 | 6.0 U                         | 6.0 U      | 6.0 U                   | 6.0 U                         | 6.0 U                    | 6.0 U                         | 6.0 U                        | 6.0 U        | 20.5 M                | 6.0 U         | 6.0 U        |
| WPO-BC-036-040  | S2428                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 9.2 M                 | 5.4 U         | 5.4 U        |
| WPO-BC-036-080A | S2429                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 14.4 M                | 5.4 U         | 5.4 U        |
| WPO-BC-036-080B | S2430                 | 5.2 U                         | 5.2 U      | 5.2 U                   | 5.2 U                         | 5.2 U                    | 5.2 U                         | 5.2 U                        | 5.2 U        | 10.9 M                | 5.2 U         | 5.2 U        |
| WPO-BC-036-100  | S2431                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 13.8 M                | 5.4 U         | 5.4 U        |
| FIELD BLANK     | S2432                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 8.3 M                 | 4.5 U         | 4.5 U        |
| WPO-BC-037-040  | S2433                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 47.5                  | 5.4 U         | 5.4 U        |
| WPO-BC-037-060A | S2434                 | 5.9 U                         | 5.9 U      | 5.9 U                   | 5.9 U                         | 5.9 U                    | 5.9 U                         | 5.9 U                        | 5.9 U        | 48.5                  | 5.9 U         | 5.9 U        |
| WPO-BC-037-060B | S2435                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 38.0                  | 5.4 U         | 5.4 U        |
| WPO-BC-037-090  | S2436                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 305                   | 5.4 U         | 5.4 U        |
| WPO-BC-038-040  | S2437                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 256.8                 | 5.4 U         | 5.4 U        |
| WPO-BC-038-050A | S2438                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 230.4                 | 5.4 U         | 5.4 U        |
| WPO-BC-038-050B | S2439                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 32.5                  | 5.4 U         | 5.4 U        |
| WPO-BC-038-110  | S2440                 | 5.9 U                         | 5.9 U      | 5.9 U                   | 5.9 U                         | 5.9 U                    | 5.9 U                         | 5.9 U                        | 5.9 U        | 41.7                  | 5.9 U         | 5.9 U        |
| WPO-BC-039-020A | S2441                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 42.4                  | 5.4 U         | 5.4 U        |
| WPO-BC-039-020B | S2442                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 70.2                  | 5.4 U         | 5.4 U        |
| WPO-BC-039-030  | S2443                 | 6.3 U                         | 6.3 U      | 6.3 U                   | 6.3 U                         | 6.3 U                    | 6.3 U                         | 6.3 U                        | 6.3 U        | 109                   | 6.3 U         | 6.3 U        |
| WPO-BC-039-060  | S2444                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 35.7                  | 5.4 U         | 5.4 U        |
| WPO-BC-040-010A | S2445                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 35.9                  | 5.4 U         | 5.4 U        |
| WPO-BC-040-010B | S2446                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 44.1                  | 4.5 U         | 4.5 U        |
| WPO-BC-040-020  | S2447                 | 5.9 U                         | 5.9 U      | 5.9 U                   | 5.9 U                         | 5.9 U                    | 5.9 U                         | 5.9 U                        | 5.9 U        | 43.2                  | 5.9 U         | 5.9 U        |
| WPO-BC-040-030  | S2448                 | 5.7 U                         | 5.7 U      | 5.7 U                   | 5.7 U                         | 5.7 U                    | 5.7 U                         | 5.7 U                        | 5.7 U        | 27.3 M                | 5.7 U         | 5.7 U        |
| WPO-BC-040-040  | S2449                 | 5.8 U                         | 5.8 U      | 5.8 U                   | 5.8 U                         | 5.8 U                    | 5.8 U                         | 5.8 U                        | 5.8 U        | 43.1                  | 5.8 U         | 5.8 U        |
| WPO-BC-040-080  | S2450                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 7.6 M                 | 5.4 U         | 5.4 U        |
| FIELD BLANK     | S2451                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 26.1                  | 4.5 U         | 4.5 U        |
| WPO-BC-041-030  | S2452                 | 5.4 U                         | 5.4 U      | 5.4 U                   | 5.4 U                         | 5.4 U                    | 5.4 U                         | 5.4 U                        | 5.4 U        | 59.8                  | 5.4 U         | 5.4 U        |
| WPO-BC-041-070  | S2453                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 80.5 J                | 4.5 U         | 4.5 U        |
| WPO-BC-041-080A | S2454                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 35.5 J                | 4.5 U         | 4.5 U        |
| WPO-BC-041-080B | S2455                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 27.6 J                | 4.5 U         | 4.5 U        |
| WPO-BC-041-090  | S2456                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 27.8 J                | 4.5 U         | 4.5 U        |
| WPO-BC-041-110  | S2457                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 21.1 J                | 4.5 U         | 4.5 U        |
| WPO-BC-042-020  | S2458                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 53.4 J                | 4.5 U         | 4.5 U        |
| WPO-BC-042-040  | S2459                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 53.3 J                | 4.5 U         | 4.5 U        |
| WPO-BC-042-060  | S2460                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 41.1 J                | 4.5 U         | 4.5 U        |
| WPO-BC-042-070  | S2461                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 33.1 J                | 4.5 U         | 4.5 U        |
| FIELD BLANK     | S2462                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 115 J                 | 4.5 U         | 4.5 U        |
| WPO-BC-042-090A | S2463                 | 6.1 U                         | 6.1 U      | 6.1 U                   | 6.1 U                         | 6.1 U                    | 6.1 U                         | 6.1 U                        | 6.1 U        | 8.7 M                 | 6.1 U         | 6.1 U        |
| WPO-BC-042-090B | S2464                 | 6.0 U                         | 6.0 U      | 6.0 U                   | 6.0 U                         | 6.0 U                    | 6.0 U                         | 6.0 U                        | 6.0 U        | 6.0 U                 | 6.0 U         | 6.0 U        |
| WPO-BC-043-010  | S2465                 | 5.3 U                         | 5.3 U      | 5.3 U                   | 5.3 U                         | 5.3 U                    | 5.3 U                         | 5.3 U                        | 5.3 U        | 16 M                  | 5.3 U         | 5.3 U        |
| WPO-BC-043-020  | S2466                 | 7.0 U                         | 7.0 U      | 7.0 U                   | 7.0 U                         | 7.0 U                    | 7.0 U                         | 7.0 U                        | 7.0 U        | 50.3                  | 7.0 U         | 7.0 U        |
| WPO-BC-043-030A | S2467                 | 5.6 U                         | 5.6 U      | 5.6 U                   | 5.6 U                         | 5.6 U                    | 5.6 U                         | 5.6 U                        | 5.6 U        | 5.6 U                 | 5.6 U         | 5.6 U        |
| WPO-BC-043-030B | S2468                 | 5.5 U                         | 5.5 U      | 5.5 U                   | 5.5 U                         | 5.5 U                    | 5.5 U                         | 5.5 U                        | 5.5 U        | 17.4 M                | 5.5 U         | 5.5 U        |
| WPO-BC-043-050  | S2469                 | 5.6 U                         | 5.6 U      | 5.6 U                   | 5.6 U                         | 5.6 U                    | 5.6 U                         | 5.6 U                        | 5.6 U        | 19.2 M                | 5.6 U         | 5.6 U        |
| WPO-BC-043-090  | S2470                 | 6.1 U                         | 6.1 U      | 6.1 U                   | 6.1 U                         | 6.1 U                    | 6.1 U                         | 6.1 U                        | 6.1 U        | 23.5 M                | 6.1 U         | 6.1 U        |
| FIELD BLANK     | S2471                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                         | 4.5 U                        | 4.5 U        | 16.4 M                | 4.5 U         | 4.5 U        |
| WPO-BC-044-010  | S2472                 | 5.8 U                         | 5.8 U      | 5.8 U                   | 5.8 U                         | 5.8 U                    | 5.8 U                         | 5.8 U                        | 5.8 U        | 39.1                  | 5.8 U         | 5.8 U        |
| WPO-BC-044-020  | S2473                 | 5.7 U                         | 5.7 U      | 5.7 U                   | 5.7 U                         | 5.7 U                    | 5.7 U                         | 5.7 U                        | 5.7 U        | 21.6 M                | 5.7 U         | 5.7 U        |
| WPO-BC-044-030  | S2474                 | 5.7 U                         | 5.7 U      | 5.7 U                   | 5.7 U                         | 5.7 U                    | 5.7 U                         | 5.7 U                        | 5.7 U        | 17.8 M                | 5.7 U         | 5.7 U        |
| WPO-BC-044-050  | S2475                 | 5.7 U                         | 5.7 U      | 5.7 U                   | 5.7 U                         | 5.7 U                    | 5.7 U                         | 5.7 U                        | 5.7 U        | 5.7 U                 | 5.7 U         | 5.7 U        |
| WPO-BC-044-070A | S2476                 | 5.5 U                         | 5.5 U      | 5.5 U                   | 5.5 U                         | 5.5 U                    | 5.5 U                         | 5.5 U                        | 5.5 U        | 21.3 M                | 5.5 U         | 5.5 U        |
| WPO-BC-044-070B | S2477                 | 5.7 U                         | 5.7 U      | 5.7 U                   | 5.7 U                         | 5.7 U                    | 5.7 U                         | 5.7 U                        | 5.7 U        | 9.7 M                 | 5.7 U         | 5.7 U        |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

29-Mar-84

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RT  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | BROMOFORM | BROMODI-<br>CHLOROMETHANE | FLUOROTRI-<br>CHLOROMETHANE | DICHLOROFLUORO-<br>METHANE | CHLORODIBROMO-<br>METHANE | TETRA-<br>CHLOROETHENE | TOLUENE | TRICHLOROETHENE | VINYL CHLORIDE | ACETONE | 2-BUTANONE |
|-----------------|-----------------------|-----------|---------------------------|-----------------------------|----------------------------|---------------------------|------------------------|---------|-----------------|----------------|---------|------------|
| WPO-BC-035-050  | 82421                 | 6.6 U     | 6.6 U                     | 6.6 U                       | 6.6 U                      | 6.6 U                     | 6.6 U                  | 6.6 U   | 6.6 U           | 6.6 U          | 6.6 U   | 6.6 U      |
| WPO-BC-035-060  | 82422                 | 5.8 U     | 5.8 U                     | 5.8 U                       | 5.8 U                      | 5.8 U                     | 5.8 U                  | 5.8 U   | 5.8 U           | 5.8 U          | 5.8 U   | 5.8 U      |
| WPO-BC-035-070  | 82423                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 5.4 U   | 5.4 U      |
| WPO-BC-035-080  | 82424                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 5.4 U   | 5.4 U      |
| WPO-BC-035-120  | 82425                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 5.4 U   | 5.4 U      |
| FIELD BLANK     | 82426                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 4.5 U   | 4.5 U      |
| WPO-BC-036-030  | 82427                 | 6.0 U     | 6.0 U                     | 6.0 U                       | 6.0 U                      | 6.0 U                     | 6.0 U                  | 23.0 M  | 6.0 U           | 6.0 U          | 12.6 M  | 6.0 U      |
| WPO-BC-036-040  | 82428                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 41.8    | 5.4 U      |
| WPO-BC-036-080A | 82429                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 15.8 M  | 5.4 U      |
| WPO-BC-036-080B | 82430                 | 5.2 U     | 5.2 U                     | 5.2 U                       | 5.2 U                      | 5.2 U                     | 5.2 U                  | 5.2 U   | 5.2 U           | 5.2 U          | 34.3    | 5.2 U      |
| WPO-BC-036-100  | 82431                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 5.4 U   | 5.4 U      |
| FIELD BLANK     | 82432                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 4.5 U   | 4.5 U      |
| WPO-BC-037-040  | 82433                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 45.4    | 5.4 U      |
| WPO-BC-037-060A | 82434                 | 5.9 U     | 5.9 U                     | 5.9 U                       | 5.9 U                      | 5.9 U                     | 5.9 U                  | 5.9 U   | 5.9 U           | 5.9 U          | 26.9 M  | 6.1 M      |
| WPO-BC-037-060B | 82435                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 18.7 M  | 5.4 U      |
| WPO-BC-037-090  | 82436                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 40.9    | 5.4 U      |
| WPO-BC-038-040  | 82437                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 20.8 M  | 5.4 U      |
| WPO-BC-038-050A | 82438                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 48.6    | 5.4 U      |
| WPO-BC-038-050B | 82439                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 183.8   | 5.4 U      |
| WPO-BC-038-110  | 82440                 | 5.9 U     | 5.9 U                     | 5.9 U                       | 5.9 U                      | 5.9 U                     | 5.9 U                  | 5.9 U   | 5.9 U           | 5.9 U          | 37.2    | 5.9 U      |
| WPO-BC-039-020A | 82441                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 183.2   | 5.4 U      |
| WPO-BC-039-020B | 82442                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 115.7   | 5.4 U      |
| WPO-BC-039-030  | 82443                 | 6.3 U     | 6.3 U                     | 6.3 U                       | 6.3 U                      | 6.3 U                     | 6.3 U                  | 6.3 U   | 6.3 U           | 6.3 U          | 35.8    | 6.3 U      |
| WPO-BC-039-060  | 82444                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 9.9 M   | 5.4 U      |
| WPO-BC-040-010A | 82445                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 5.4 U   | 5.4 U      |
| WPO-BC-040-010B | 82446                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 4.5 U   | 4.5 U      |
| WPO-BC-040-020  | 82447                 | 5.9 U     | 5.9 U                     | 5.9 U                       | 5.9 U                      | 5.9 U                     | 5.9 U                  | 5.9 U   | 5.9 U           | 5.9 U          | 34.90   | 5.9 U      |
| WPO-BC-040-030  | 82448                 | 5.7 U     | 5.7 U                     | 5.7 U                       | 5.7 U                      | 5.7 U                     | 5.7 U                  | 5.7 U   | 5.7 U           | 5.7 U          | 473     | 5.7 U      |
| WPO-BC-040-040  | 82449                 | 5.8 U     | 5.8 U                     | 5.8 U                       | 5.8 U                      | 5.8 U                     | 5.8 U                  | 6.2 M   | 5.8 U           | 5.8 U          | 43.7    | 4.5 U      |
| WPO-BC-040-080  | 82450                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 16.1 M  | 5.4 U      |
| FIELD BLANK     | 82451                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 14.8 M  | 4.5 U      |
| WPO-BC-041-030  | 82452                 | 5.4 U     | 5.4 U                     | 5.4 U                       | 5.4 U                      | 5.4 U                     | 5.4 U                  | 5.4 U   | 5.4 U           | 5.4 U          | 49.8    | 6.7 M      |
| WPO-BC-041-070  | 82453                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 5.7 J   | 4.5 U           | 4.5 U          | 45.7 J  | 4.5 U      |
| WPO-BC-041-080A | 82454                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 100 J   | 4.5 U      |
| WPO-BC-041-080B | 82455                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 56.8 J  | 4.5 U      |
| WPO-BC-041-090  | 82456                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 32.9 J  | 4.5 U      |
| WPO-BC-041-110  | 82457                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 38.9 J  | 4.5 U      |
| WPO-BC-042-020  | 82458                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 101 J   | 4.5 U           | 4.5 U          | 96.3 J  | 16.8 J     |
| WPO-BC-042-040  | 82459                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 5.4 J   | 4.5 U           | 4.5 U          | 124 J   | 5.7 J      |
| WPO-BC-042-060  | 82460                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 19.9 J  | 4.5 U      |
| WPO-BC-042-070  | 82461                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 71.2 J  | 4.5 U      |
| FIELD BLANK     | 82462                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 7.5 J   | 4.5 U      |
| WPO-BC-042-090A | 82463                 | 6.1 U     | 6.1 U                     | 6.1 U                       | 6.1 U                      | 6.1 U                     | 6.1 U                  | 6.1 U   | 6.1 U           | 6.1 U          | 6.1 U   | 6.1 U      |
| WPO-BC-042-090B | 82464                 | 6.0 U     | 6.0 U                     | 6.0 U                       | 6.0 U                      | 6.0 U                     | 6.0 U                  | 6.0 U   | 6.0 U           | 6.0 U          | 6.0 U   | 6.0 U      |
| WPO-BC-043-010  | 82465                 | 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 U          | 5.3 U   | 5.3 U      |
| WPO-BC-043-020  | 82466                 | 7.0 U     | 7.0 U                     | 7.0 U                       | 7.0 U                      | 7.0 U                     | 7.0 U                  | 7.0 U   | 7.0 U           | 7.0 U          | 7.0 U   | 7.0 U      |
| WPO-BC-043-030A | 82467                 | 5.6 U     | 5.6 U                     | 5.6 U                       | 5.6 U                      | 5.6 U                     | 5.6 U                  | 5.6 U   | 5.6 U           | 5.6 U          | 5.6 U   | 5.6 U      |
| WPO-BC-043-030B | 82468                 | 5.5 U     | 5.5 U                     | 5.5 U                       | 5.5 U                      | 5.5 U                     | 5.5 U                  | 5.5 U   | 5.5 U           | 5.5 U          | 5.5 U   | 5.5 U      |
| WPO-BC-043-050  | 82469                 | 5.6 U     | 5.6 U                     | 5.6 U                       | 5.6 U                      | 5.6 U                     | 5.6 U                  | 5.6 U   | 5.6 U           | 5.6 U          | 25.8 M  | 5.6 U      |
| WPO-BC-043-090  | 82470                 | 6.1 U     | 6.1 U                     | 6.1 U                       | 6.1 U                      | 6.1 U                     | 6.1 U                  | 6.1 U   | 6.1 U           | 6.1 U          | 6.1 U   | 6.1 U      |
| FIELD BLANK     | 82471                 | 4.5 U     | 4.5 U                     | 4.5 U                       | 4.5 U                      | 4.5 U                     | 4.5 U                  | 4.5 U   | 4.5 U           | 4.5 U          | 4.5 U   | 4.5 U      |
| WPO-BC-044-010  | 82472                 | 5.8 U     | 5.8 U                     | 5.8 U                       | 5.8 U                      | 5.8 U                     | 5.8 U                  | 5.8 U   | 5.8 U           | 5.8 U          | 25.8 M  | 5.8 U      |
| WPO-BC-044-020  | 82473                 | 5.7 U     | 5.7 U                     | 5.7 U                       | 5.7 U                      | 5.7 U                     | 5.7 U                  | 5.7 U   | 5.7 U           | 5.7 U          | 30.3    | 5.7 U      |
| WPO-BC-044-030  | 82474                 | 5.7 U     | 5.7 U                     | 5.7 U                       | 5.7 U                      | 5.7 U                     | 5.7 U                  | 5.7 U   | 5.7 U           | 5.7 U          | 27.5 M  | 5.7 U      |
| WPO-BC-044-050  | 82475                 | 5.7 U     | 5.7 U                     | 5.7 U                       | 5.7 U                      | 5.7 U                     | 5.7 U                  | 15.4 M  | 5.7 U           | 5.7 U          | 5.7 U   | 5.7 U      |
| WPO-BC-044-070A | 82476                 | 5.5 U     | 5.5 U                     | 5.5 U                       | 5.5 U                      | 5.5 U                     | 5.5 U                  | 5.5 U   | 5.5 U           | 5.5 U          | 5.5 U   | 5.5 U      |
| WPO-BC-044-070B | 82477                 | 5.7 U     | 5.7 U                     | 5.7 U                       | 5.7 U                      | 5.7 U                     | 5.7 U                  | 5.7 U   | 5.7 U           | 5.7 U          | 5.7 U   | 5.7 U      |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | CARBONDISULFIDE | 2-HEXANONE | 4-METHYL-<br>2-PENTANONE | STYRENE | VINYL ACETATE | TOTAL XYLENES | 2,4,6-TRICHLORO-<br>PHENOL | p-CHLORO-<br>CRESOL | 2-CHLOROPHENOL | 2,4-DICHLORO-<br>PHENOL | 2,4-DIMETHYL-<br>PHENOL |
|-----------------|-----------------------|-----------------|------------|--------------------------|---------|---------------|---------------|----------------------------|---------------------|----------------|-------------------------|-------------------------|
| WPO-BC-035-050  | S2421                 | 6.6 U           | 6.6 U      | 6.6 U                    | 6.6 U   | 6.6 U         | 6.6 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-035-060  | S2422                 | 5.8 U           | 5.8 U      | 5.8 U                    | 5.8 U   | 5.8 U         | 5.8 U         | 1032 U                     | 1032 U              | 1032 U         | 1032 U                  | 1032 U                  |
| WPO-BC-035-070  | S2423                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-035-080  | S2424                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-035-120  | S2425                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| FIELD BLANK     | S2426                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-036-030  | S2427                 | 6.0 U           | 6.0 U      | 6.0 U                    | 6.0 U   | 6.0 U         | 6.0 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-036-040  | S2428                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-036-080A | S2429                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-036-080B | S2430                 | 5.2 U           | 5.2 U      | 5.2 U                    | 5.2 U   | 5.2 U         | 5.2 U         | 928 U                      | 928 U               | 928 U          | 928 U                   | 928 U                   |
| WPO-BC-036-100  | S2431                 | 5.4 U           | 5.4 U      | 10.8 M                   | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| FIELD BLANK     | S2432                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 800 U                      | 800 U               | 800 U          | 800 U                   | 800 U                   |
| WPO-BC-037-040  | S2433                 | 5.4 U           | 5.4 U      | 12.7                     | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-037-060A | S2434                 | 5.9 U           | 5.9 U      | 5.9 U                    | 5.9 U   | 5.9 U         | 5.9 U         | 1040 U                     | 1040 U              | 1040 U         | 1040 U                  | 1040 U                  |
| WPO-BC-037-060B | S2435                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-037-090  | S2436                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-038-040  | S2437                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-038-050A | S2438                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-038-050B | S2439                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-038-110  | S2440                 | 5.9 U           | 5.9 U      | 9.9 M                    | 5.9 U   | 5.9 U         | 5.9 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-039-020A | S2441                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-039-020B | S2442                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | 960 U                      | 960 U               | 960 U          | 960 U                   | 960 U                   |
| WPO-BC-039-030  | S2443                 | 6.3 U           | 6.3 U      | 6.3 U                    | 6.3 U   | 6.3 U         | 6.3 U         | 952 U                      | 952 U               | 952 U          | 952 U                   | 952 U                   |
| WPO-BC-039-060  | S2444                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-040-010A | S2445                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-040-010B | S2446                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-040-020  | S2447                 | 5.9 U           | 5.9 U      | 5.9 U                    | 5.9 U   | 5.9 U         | 5.9 U         | 920 U                      | 920 U               | 920 U          | 920 U                   | 920 U                   |
| WPO-BC-040-030  | S2448                 | 5.7 U           | 5.7 U      | 5.7 U                    | 5.7 U   | 5.7 U         | 5.7 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-040-040  | S2449                 | 5.8 M           | 5.8 U      | 5.8 U                    | 5.8 U   | 5.8 U         | 5.8 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-040-080  | S2450                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| FIELD BLANK     | S2451                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 800 U                      | 800 U               | 800 U          | 800 U                   | 800 U                   |
| WPO-BC-041-030  | S2452                 | 5.4 U           | 5.4 U      | 5.4 U                    | 5.4 U   | 5.4 U         | 5.4 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-041-070  | S2453                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 1050 U                     | 1050 U              | 1050 U         | 1050 U                  | 1050 U                  |
| WPO-BC-041-080A | S2454                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-041-080B | S2455                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 879 U                      | 879 U               | 879 U          | 879 U                   | 879 U                   |
| WPO-BC-041-090  | S2456                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 888 U                      | 888 U               | 888 U          | 888 U                   | 888 U                   |
| WPO-BC-041-110  | S2457                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-042-020  | S2458                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-042-040  | S2459                 | 4.5 U           | 4.5 U      | 12.4 J                   | 4.5 U   | 4.5 U         | 4.5 U         | 941 U                      | 941 U               | 941 U          | 941 U                   | 941 U                   |
| WPO-BC-042-060  | S2460                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-042-070  | S2461                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 1050 U                     | 1050 U              | 1050 U         | 1050 U                  | 1050 U                  |
| FIELD BLANK     | S2462                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 800 U                      | 800 U               | 800 U          | 800 U                   | 800 U                   |
| WPO-BC-042-090A | S2463                 | 6.1 U           | 6.1 U      | 6.1 U                    | 6.1 U   | 6.1 U         | 6.1 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-042-090B | S2464                 | 6.0 U           | 8.1 M      | 6.0 U                    | 6.0 U   | 6.0 U         | 6.0 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-043-010  | S2465                 | 5.3 U           | 5.3 U      | 5.3 U                    | 5.3 U   | 5.3 U         | 5.3 U         | 879 U                      | 879 U               | 879 U          | 879 U                   | 879 U                   |
| WPO-BC-043-020  | S2466                 | 7.0 U           | 7.0 U      | 7.0 U                    | 7.0 U   | 7.0 U         | 7.0 U         | 1000 U                     | 1000 U              | 1000 U         | 1000 U                  | 1000 U                  |
| WPO-BC-043-030A | S2467                 | 5.6 U           | 5.6 U      | 5.6 U                    | 5.6 U   | 5.6 U         | 5.6 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-043-030B | S2468                 | 5.5 U           | 5.5 U      | 5.5 U                    | 5.5 U   | 5.5 U         | 5.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-043-050  | S2469                 | 5.6 U           | 5.6 U      | 5.6 U                    | 5.6 U   | 5.6 U         | 5.6 U         | 449 U                      | 449 U               | 449 U          | 449 U                   | 449 U                   |
| WPO-BC-043-090  | S2470                 | 6.1 U           | 6.1 U      | 6.1 U                    | 6.1 U   | 6.1 U         | 6.1 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| FIELD BLANK     | S2471                 | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 800 U                      | 800 U               | 800 U          | 800 U                   | 800 U                   |
| WPO-BC-044-010  | S2472                 | 5.8 U           | 5.8 U      | 5.8 U                    | 5.8 U   | 5.8 U         | 5.8 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-044-020  | S2473                 | 5.7 U           | 5.7 U      | 5.7 U                    | 5.7 U   | 5.7 U         | 5.7 U         | 899 U                      | 899 U               | 899 U          | 899 U                   | 899 U                   |
| WPO-BC-044-030  | S2474                 | 5.7 U           | 5.7 U      | 5.7 U                    | 5.7 U   | 5.7 U         | 5.7 U         | 909 U                      | 909 U               | 909 U          | 909 U                   | 909 U                   |
| WPO-BC-044-050  | S2475                 | 5.7 U           | 5.7 U      | 5.7 U                    | 5.7 U   | 5.7 U         | 5.7 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-044-070A | S2476                 | 5.5 U           | 5.5 U      | 5.5 U                    | 5.5 U   | 5.5 U         | 5.5 U         | NA                         | NA                  | NA             | NA                      | NA                      |
| WPO-BC-044-070B | S2477                 | 5.7 U           | 5.7 U      | 5.7 U                    | 5.7 U   | 5.7 U         | 5.7 U         | NA                         | NA                  | NA             | NA                      | NA                      |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

29-Mar-84

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPM) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | 2-NITROPHENOL | 4-NITROPHENOL | 2,4-DINITRO-<br>PHENOL | 4,6-DINITRO-<br>2-METHYLPHENOL | PENTA-<br>CHLOROPHENOL | PHENOL | BENZOIC ACID | 2-METHYLPHENOL | 4-METHYLPHENOL | 2,4,5-TRICHLORO-<br>PHENOL |
|-----------------|-----------------------|---------------|---------------|------------------------|--------------------------------|------------------------|--------|--------------|----------------|----------------|----------------------------|
| WPO-BC-035-050  | S2421                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-035-060  | S2422                 | 1032 U        | 1032 U        | 1032 U                 | 1032 U                         | 1032 U                 | 1032 U | 1032 U       | 1032 U         | 1032 U         | 1032 U                     |
| WPO-BC-035-070  | S2423                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-035-080  | S2424                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-035-120  | S2425                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| FIELD BLANK     | S2426                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-036-030  | S2427                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-036-040  | S2428                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-036-080A | S2429                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-036-080B | S2430                 | 928 U         | 928 U         | 928 U                  | 928 U                          | 928 U                  | 928 U  | 928 U        | 928 U          | 928 U          | 928 U                      |
| WPO-BC-036-180  | S2431                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| FIELD BLANK     | S2432                 | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  | 800 U        | 800 U          | 800 U          | 800 U                      |
| WPO-BC-037-040  | S2433                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-037-060A | S2434                 | 1040 U        | 1040 U        | 1040 U                 | 1040 U                         | 1040 U                 | 1040 U | 1040 U       | 1040 U         | 1040 U         | 1040 U                     |
| WPO-BC-037-060B | S2435                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-037-090  | S2436                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-038-040  | S2437                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-038-050A | S2438                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-038-050B | S2439                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-038-110  | S2440                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-039-020A | S2441                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-039-020B | S2442                 | 960 U         | 960 U         | 960 U                  | 960 U                          | 960 U                  | 960 U  | 960 U        | 960 U          | 960 U          | 960 U                      |
| WPO-BC-039-030  | S2443                 | 952 U         | 952 U         | 952 U                  | 952 U                          | 952 U                  | 952 U  | 952 U        | 952 U          | 952 U          | 952 U                      |
| WPO-BC-039-060  | S2444                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-040-010A | S2445                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-040-010B | S2446                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-040-020  | S2447                 | 920 U         | 920 U         | 920 U                  | 920 U                          | 920 U                  | 920 U  | 920 U        | 920 U          | 920 U          | 920 U                      |
| WPO-BC-040-030  | S2448                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-040-040  | S2449                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-040-080  | S2450                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| FIELD BLANK     | S2451                 | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  | 800 U        | 800 U          | 800 U          | 800 U                      |
| WPO-BC-041-030  | S2452                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-041-070  | S2453                 | 1050 U        | 1050 U        | 1050 U                 | 1050 U                         | 1050 U                 | 1050 U | 1050 U       | 1050 U         | 1050 U         | 1050 U                     |
| WPO-BC-041-080A | S2454                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-041-080B | S2455                 | 879 U         | 879 U         | 879 U                  | 879 U                          | 879 U                  | 879 U  | 879 U        | 879 U          | 879 U          | 879 U                      |
| WPO-BC-041-090  | S2456                 | 888 U         | 888 U         | 888 U                  | 888 U                          | 888 U                  | 888 U  | 888 U        | 888 U          | 888 U          | 888 U                      |
| WPO-BC-041-110  | S2457                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-042-020  | S2458                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-042-040  | S2459                 | 941 U         | 941 U         | 941 U                  | 941 U                          | 941 U                  | 941 U  | 941 U        | 941 U          | 941 U          | 941 U                      |
| WPO-BC-042-060  | S2460                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-042-070  | S2461                 | 1050 U        | 1050 U        | 1050 U                 | 1050 U                         | 1050 U                 | 1050 U | 1050 U       | 1050 U         | 1050 U         | 1050 U                     |
| FIELD BLANK     | S2462                 | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  | 800 U        | 800 U          | 800 U          | 800 U                      |
| WPO-BC-042-090A | S2463                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-042-090B | S2464                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-043-010  | S2465                 | 879 U         | 879 U         | 879 U                  | 879 U                          | 879 U                  | 879 U  | 879 U        | 879 U          | 879 U          | 879 U                      |
| WPO-BC-043-020  | S2466                 | 1000 U        | 1000 U        | 1000 U                 | 1000 U                         | 1000 U                 | 1000 U | 1000 U       | 1000 U         | 1000 U         | 1000 U                     |
| WPO-BC-043-030A | S2467                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-043-030B | S2468                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-043-050  | S2469                 | 449 U         | 449 U         | 449 U                  | 449 U                          | 449 U                  | 449 U  | 449 U        | 449 U          | 449 U          | 449 U                      |
| WPO-BC-043-090  | S2470                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| FIELD BLANK     | S2471                 | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  | 800 U        | 800 U          | 800 U          | 800 U                      |
| WPO-BC-044-010  | S2472                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-044-020  | S2473                 | 893 U         | 893 U         | 893 U                  | 893 U                          | 893 U                  | 893 U  | 893 U        | 893 U          | 893 U          | 893 U                      |
| WPO-BC-044-030  | S2474                 | 909 U         | 909 U         | 909 U                  | 909 U                          | 909 U                  | 909 U  | 909 U        | 909 U          | 909 U          | 909 U                      |
| WPO-BC-044-050  | S2475                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-044-070A | S2476                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |
| WPO-BC-044-070B | S2477                 | NA            | NA            | NA                     | NA                             | NA                     | NA     | NA           | NA             | NA             | NA                         |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | ACENAPHTHENE | BENZIDINE | 1,2,4-TRICHLORO-<br>BENZENE | HEXA-<br>CHLOROBENZENE | HEXA-<br>CHLOROETHANE | bis(2-CHLOROETHYL)<br>ETHER | 2-CHLORO-<br>NAPHTHALENE | 1,2-DICHLORO-<br>BENZENE | 1,3-DICHLORO-<br>BENZENE | 1,4-DICHLORO-<br>BENZENE |
|-----------------|-----------------------|--------------|-----------|-----------------------------|------------------------|-----------------------|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| WPO-BC-035-050  | S2421                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-035-060  | S2422                 | 516 U        | 516 U     | 516 U                       | 516 U                  | 516 U                 | 516 U                       | 516 U                    | 516 U                    | 516 U                    | 516 U                    |
| WPO-BC-035-070  | S2423                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-035-080  | S2424                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-035-120  | S2425                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| FIELD BLANK     | S2426                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-036-030  | S2427                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-036-040  | S2428                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-036-080A | S2429                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-036-080B | S2430                 | 464 U        | 464 U     | 464 U                       | 464 U                  | 464 U                 | 464 U                       | 464 U                    | 464 U                    | 464 U                    | 464 U                    |
| WPO-BC-036-100  | S2431                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| FIELD BLANK     | S2432                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-037-040  | S2433                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-037-060A | S2434                 | 520 U        | 520 U     | 520 U                       | 520 U                  | 520 U                 | 520 U                       | 520 U                    | 520 U                    | 520 U                    | 520 U                    |
| WPO-BC-037-060B | S2435                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-037-090  | S2436                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-038-040  | S2437                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-038-050A | S2438                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-038-050B | S2439                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-038-110  | S2440                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-039-020A | S2441                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-039-020B | S2442                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-039-030  | S2443                 | 476 U        | 476 U     | 476 U                       | 476 U                  | 476 U                 | 476 U                       | 476 U                    | 476 U                    | 476 U                    | 476 U                    |
| WPO-BC-039-060  | S2444                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-040-010A | S2445                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-040-010B | S2446                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-040-020  | S2447                 | 460 U        | 460 U     | 460 U                       | 460 U                  | 460 U                 | 460 U                       | 460 U                    | 460 U                    | 460 U                    | 460 U                    |
| WPO-BC-040-030  | S2448                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-040-040  | S2449                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-040-080  | S2450                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| FIELD BLANK     | S2451                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-041-030  | S2452                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-041-070  | S2453                 | 526 U        | 526 U     | 526 U                       | 526 U                  | 526 U                 | 526 U                       | 526 U                    | 526 U                    | 526 U                    | 526 U                    |
| WPO-BC-041-080A | S2454                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-041-080B | S2455                 | 440 U        | 440 U     | 440 U                       | 440 U                  | 440 U                 | 440 U                       | 440 U                    | 440 U                    | 440 U                    | 440 U                    |
| WPO-BC-041-090  | S2456                 | 444 U        | 444 U     | 444 U                       | 444 U                  | 444 U                 | 444 U                       | 444 U                    | 444 U                    | 444 U                    | 444 U                    |
| WPO-BC-041-110  | S2457                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-042-020  | S2458                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-042-040  | S2459                 | 471 U        | 471 U     | 471 U                       | 471 U                  | 471 U                 | 471 U                       | 471 U                    | 471 U                    | 471 U                    | 471 U                    |
| WPO-BC-042-060  | S2460                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-042-070  | S2461                 | 526 U        | 526 U     | 526 U                       | 526 U                  | 526 U                 | 526 U                       | 526 U                    | 526 U                    | 526 U                    | 526 U                    |
| FIELD BLANK     | S2462                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-042-090A | S2463                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-042-090B | S2464                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-043-010  | S2465                 | 440 U        | 440 U     | 440 U                       | 440 U                  | 440 U                 | 440 U                       | 440 U                    | 440 U                    | 440 U                    | 440 U                    |
| WPO-BC-043-020  | S2466                 | 500 U        | 500 U     | 500 U                       | 500 U                  | 500 U                 | 500 U                       | 500 U                    | 500 U                    | 500 U                    | 500 U                    |
| WPO-BC-043-030A | S2467                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-043-030B | S2468                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-043-050  | S2469                 | 449 U        | 449 U     | 449 U                       | 449 U                  | 449 U                 | 449 U                       | 449 U                    | 449 U                    | 449 U                    | 449 U                    |
| WPO-BC-043-090  | S2470                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| FIELD BLANK     | S2471                 | 480 U        | 480 U     | 480 U                       | 480 U                  | 480 U                 | 480 U                       | 480 U                    | 480 U                    | 480 U                    | 480 U                    |
| WPO-BC-044-010  | S2472                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-044-020  | S2473                 | 449 U        | 449 U     | 449 U                       | 449 U                  | 449 U                 | 449 U                       | 449 U                    | 449 U                    | 449 U                    | 449 U                    |
| WPO-BC-044-030  | S2474                 | 455 U        | 455 U     | 455 U                       | 455 U                  | 455 U                 | 455 U                       | 455 U                    | 455 U                    | 455 U                    | 455 U                    |
| WPO-BC-044-050  | S2475                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-044-070A | S2476                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |
| WPO-BC-044-070B | S2477                 | NA           | NA        | NA                          | NA                     | NA                    | NA                          | NA                       | NA                       | NA                       | NA                       |

## LEGEND

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M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

29-Mar-84

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | 3,3-DICHLORO-<br>BENZIDINE | 2,4-DINITRO-<br>TOLUENE | 2,6-DINITRO-<br>TOLUENE | 1,2-DIPHENYL-<br>HYDRAZINE | FLUORANTHENE | 4-CHLOROPHENYL<br>ETHER | 4-BROMOPHENYL<br>ETHER | bis-<br>(2-CHLOROTISOPROPYL)<br>ETHER | bis-<br>(2-CHLOROETHOXY)<br>METHANE | HEXACHLORO-<br>BUTADIENE |
|-----------------|-----------------------|----------------------------|-------------------------|-------------------------|----------------------------|--------------|-------------------------|------------------------|---------------------------------------|-------------------------------------|--------------------------|
| WPO-BC-035-050  | S2421                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-035-060  | S2422                 | 516 U                      | 516 U                   | 516 U                   | 516 U                      | 516 U        | 516 U                   | 516 U                  | 516 U                                 | 516 U                               | 516 U                    |
| WPO-BC-035-070  | S2423                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-035-080  | S2424                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-035-120  | S2425                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| FIELD BLANK     | S2426                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-036-030  | S2427                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-036-040  | S2428                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-036-080A | S2429                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-036-080B | S2430                 | 464 U                      | 464 U                   | 464 U                   | 464 U                      | 464 U        | 464 U                   | 464 U                  | 464 U                                 | 464 U                               | 464 U                    |
| WPO-BC-036-100  | S2431                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| FIELD BLANK     | S2432                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-037-040  | S2433                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-037-060A | S2434                 | 520 U                      | 520 U                   | 520 U                   | 520 U                      | 520 U        | 520 U                   | 520 U                  | 520 U                                 | 520 U                               | 520 U                    |
| WPO-BC-037-060B | S2435                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-037-090  | S2436                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-038-040  | S2437                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-038-050A | S2438                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-038-050B | S2439                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-038-110  | S2440                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-039-020A | S2441                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-039-020B | S2442                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-039-030  | S2443                 | 476 U                      | 476 U                   | 476 U                   | 476 U                      | 476 U        | 476 U                   | 476 U                  | 476 U                                 | 476 U                               | 476 U                    |
| WPO-BC-039-060  | S2444                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-040-010A | S2445                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-040-010B | S2446                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-040-020  | S2447                 | 460 U                      | 460 U                   | 460 U                   | 460 U                      | 460 U        | 460 U                   | 460 U                  | 460 U                                 | 460 U                               | 460 U                    |
| WPO-BC-040-030  | S2448                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-040-040  | S2449                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-040-080  | S2450                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| FIELD BLANK     | S2451                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-041-030  | S2452                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-041-070  | S2453                 | 526 U                      | 526 U                   | 526 U                   | 526 U                      | 526 U        | 526 U                   | 526 U                  | 526 U                                 | 526 U                               | 526 U                    |
| WPO-BC-041-080A | S2454                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-041-080B | S2455                 | 440 U                      | 440 U                   | 440 U                   | 440 U                      | 440 U        | 440 U                   | 440 U                  | 440 U                                 | 440 U                               | 440 U                    |
| WPO-BC-041-090  | S2456                 | 444 U                      | 444 U                   | 444 U                   | 444 U                      | 444 U        | 444 U                   | 444 U                  | 444 U                                 | 444 U                               | 444 U                    |
| WPO-BC-041-110  | S2457                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-042-020  | S2458                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-042-040  | S2459                 | 471 U                      | 471 U                   | 471 U                   | 471 U                      | 471 U        | 471 U                   | 471 U                  | 471 U                                 | 471 U                               | 471 U                    |
| WPO-BC-042-060  | S2460                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-042-070  | S2461                 | 526 U                      | 526 U                   | 526 U                   | 526 U                      | 526 U        | 526 U                   | 526 U                  | 526 U                                 | 526 U                               | 526 U                    |
| FIELD BLANK     | S2462                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-042-090A | S2463                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-042-090B | S2464                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-043-010  | S2465                 | 440 U                      | 440 U                   | 440 U                   | 440 U                      | 440 U        | 440 U                   | 440 U                  | 440 U                                 | 440 U                               | 440 U                    |
| WPO-BC-043-020  | S2466                 | 500 U                      | 500 U                   | 500 U                   | 500 U                      | 500 U        | 500 U                   | 500 U                  | 500 U                                 | 500 U                               | 500 U                    |
| WPO-BC-043-030A | S2467                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-043-030B | S2468                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-043-050  | S2469                 | 449 U                      | 449 U                   | 449 U                   | 449 U                      | 449 U        | 449 U                   | 449 U                  | 449 U                                 | 449 U                               | 449 U                    |
| WPO-BC-043-090  | S2470                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| FIELD BLANK     | S2471                 | 480 U                      | 480 U                   | 480 U                   | 480 U                      | 480 U        | 480 U                   | 480 U                  | 480 U                                 | 480 U                               | 480 U                    |
| WPO-BC-044-010  | S2472                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-044-020  | S2473                 | 449 U                      | 449 U                   | 449 U                   | 449 U                      | 449 U        | 449 U                   | 449 U                  | 449 U                                 | 449 U                               | 449 U                    |
| WPO-BC-044-030  | S2474                 | 455 U                      | 455 U                   | 455 U                   | 455 U                      | 455 U        | 455 U                   | 455 U                  | 455 U                                 | 455 U                               | 455 U                    |
| WPO-BC-044-050  | S2475                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-044-070A | S2476                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |
| WPO-BC-044-070B | S2477                 | NA                         | NA                      | NA                      | NA                         | NA           | NA                      | NA                     | NA                                    | NA                                  | NA                       |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

N = DETECTED BUT NOT QUANTIFIABLE

J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)

NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RT  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | HEXACHLORO-<br>CYCLO-<br>PENTADIENE | ISOPHORONE | NAPHTHALENE | NITROBENZENE | N-NITROSODI-<br>PHENYLAMINE | N-NITROSODI-<br>PROPYLAMINE | bis-<br>(2-ETHYLHEXYL)<br>PHTHALATE | BENZYL BUTYL<br>PHTHALATE | DI-N-BUTYL<br>PHTHALATE | DI-N-OCTYL<br>PHTHALATE | DIETHYL<br>PHTHALATE | DIMETHYL<br>PHTHALATE |
|-----------------|-----------------------|-------------------------------------|------------|-------------|--------------|-----------------------------|-----------------------------|-------------------------------------|---------------------------|-------------------------|-------------------------|----------------------|-----------------------|
| WPO-BC-035-050  | S2421                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-035-060  | S2422                 | 516 U                               | 516 U      | 516 U       | 516 U        | 516 U                       | 516 U                       | 516 U                               | 516 U                     | 516 U                   | 516 U                   | 516 U                | 516 U                 |
| WPO-BC-035-070  | S2423                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-035-080  | S2424                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-035-120  | S2425                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| FIELD BLANK     | S2426                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-036-030  | S2427                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-036-040  | S2428                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-036-080A | S2429                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-036-080B | S2430                 | 464 U                               | 464 U      | 464 U       | 464 U        | 464 U                       | 464 U                       | 464 U                               | 464 U                     | 464 U                   | 464 U                   | 464 U                | 464 U                 |
| WPO-BC-036-180  | S2431                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| FIELD BLANK     | S2432                 | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       | 400 U                               | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 |
| WPO-BC-037-040  | S2433                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-037-060A | S2434                 | 520 U                               | 520 U      | 520 U       | 520 U        | 520 U                       | 520 U                       | 520 U                               | 520 U                     | 520 U                   | 520 U                   | 520 U                | 520 U                 |
| WPO-BC-037-060B | S2435                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-037-090  | S2436                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-038-040  | S2437                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-038-050A | S2438                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-038-050B | S2439                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-038-110  | S2440                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-039-020A | S2441                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-039-020B | S2442                 | 480 U                               | 480 U      | 480 U       | 480 U        | 480 U                       | 480 U                       | 480 U                               | 480 U                     | 480 U                   | 480 U                   | 480 U                | 480 U                 |
| WPO-BC-039-030  | S2443                 | 476 U                               | 476 U      | 476 U       | 476 U        | 476 U                       | 476 U                       | 476 U                               | 476 U                     | 476 U                   | 476 U                   | 476 U                | 476 U                 |
| WPO-BC-039-060  | S2444                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-040-010A | S2445                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-040-010B | S2446                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-040-020  | S2447                 | 460 U                               | 460 U      | 460 U       | 460 U        | 460 U                       | 460 U                       | 460 U                               | 460 U                     | 460 U                   | 460 U                   | 460 U                | 460 U                 |
| WPO-BC-040-030  | S2448                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-040-040  | S2449                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-040-080  | S2450                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| FIELD BLANK     | S2451                 | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       | 400 U                               | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 |
| WPO-BC-041-030  | S2452                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-041-070  | S2453                 | 526 U                               | 526 U      | 526 U       | 526 U        | 526 U                       | 526 U                       | 526 U                               | 526 U                     | 526 U                   | 526 U                   | 526 U                | 526 U                 |
| WPO-BC-041-080A | S2454                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-041-080B | S2455                 | 440 U                               | 440 U      | 440 U       | 440 U        | 440 U                       | 440 U                       | 440 U                               | 440 U                     | 440 U                   | 440 U                   | 440 U                | 440 U                 |
| WPO-BC-041-090  | S2456                 | 444 U                               | 444 U      | 444 U       | 444 U        | 444 U                       | 444 U                       | 444 U                               | 444 U                     | 444 U                   | 444 U                   | 444 U                | 444 U                 |
| WPO-BC-041-110  | S2457                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-042-020  | S2458                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-042-040  | S2459                 | 471 U                               | 471 U      | 471 U       | 471 U        | 471 U                       | 471 U                       | 471 U                               | 471 U                     | 471 U                   | 471 U                   | 471 U                | 471 U                 |
| WPO-BC-042-060  | S2460                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-042-070  | S2461                 | 526 U                               | 526 U      | 526 U       | 526 U        | 526 U                       | 526 U                       | 526 U                               | 526 U                     | 526 U                   | 526 U                   | 526 U                | 526 U                 |
| FIELD BLANK     | S2462                 | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       | 400 U                               | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 |
| WPO-BC-042-090A | S2463                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-042-090B | S2464                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-043-010  | S2465                 | 440 U                               | 440 U      | 440 U       | 440 U        | 440 U                       | 440 U                       | 440 U                               | 440 U                     | 440 U                   | 440 U                   | 440 U                | 440 U                 |
| WPO-BC-043-020  | S2466                 | 500 U                               | 500 U      | 500 U       | 500 U        | 500 U                       | 500 U                       | 500 U                               | 500 U                     | 500 U                   | 500 U                   | 500 U                | 500 U                 |
| WPO-BC-043-030A | S2467                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-043-030B | S2468                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-043-050  | S2469                 | 449 U                               | 449 U      | 449 U       | 449 U        | 449 U                       | 449 U                       | 449 U                               | 449 U                     | 449 U                   | 449 U                   | 449 U                | 449 U                 |
| WPO-BC-043-090  | S2470                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| FIELD BLANK     | S2471                 | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       | 400 U                               | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 |
| WPO-BC-044-010  | S2472                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-044-020  | S2473                 | 449 U                               | 449 U      | 449 U       | 449 U        | 449 U                       | 449 U                       | 449 U                               | 449 U                     | 449 U                   | 449 U                   | 449 U                | 449 U                 |
| WPO-BC-044-030  | S2474                 | 455 U                               | 455 U      | 455 U       | 455 U        | 455 U                       | 455 U                       | 455 U                               | 455 U                     | 455 U                   | 455 U                   | 455 U                | 455 U                 |
| WPO-BC-044-050  | S2475                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-044-070A | S2476                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |
| WPO-BC-044-070B | S2477                 | NA                                  | NA         | NA          | NA           | NA                          | NA                          | NA                                  | NA                        | NA                      | NA                      | NA                   | NA                    |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | BENZO(a)-<br>ANTHRACENE | BENZO(a)-<br>PYRENE | BENZO(b)-<br>FLUORANTHENE | BENZO(k)-<br>FLUORANTHENE | CHRYSENE | ACENAPHTHYLENE | ANTHRACENE | BENZO(ghi)-<br>PERYLENE | FLUORENE | PHENANTHRENE | DIBENZO(a,h)-<br>ANTHRACENE |
|-----------------|-----------------------|-------------------------|---------------------|---------------------------|---------------------------|----------|----------------|------------|-------------------------|----------|--------------|-----------------------------|
| WPO-BC-035-050  | S2421                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-035-060  | S2422                 | 516 U                   | 516 U               | 516 U                     | 516 U                     | 516 U    | 516 U          | 516 U      | 516 U                   | 516 U    | 516 U        | 516 U                       |
| WPO-BC-035-070  | S2423                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-035-080  | S2424                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-035-120  | S2425                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| FIELD BLANK     | S2426                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-036-030  | S2427                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-036-040  | S2428                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-036-080A | S2429                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-036-080B | S2430                 | 464 U                   | 464 U               | 464 U                     | 464 U                     | 464 U    | 464 U          | 464 U      | 464 U                   | 464 U    | 464 U        | 464 U                       |
| WPO-BC-036-100  | S2431                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| FIELD BLANK     | S2432                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       |
| WPO-BC-037-040  | S2433                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-037-060A | S2434                 | 520 U                   | 520 U               | 520 U                     | 520 U                     | 520 U    | 520 U          | 520 U      | 520 U                   | 520 U    | 520 U        | 520 U                       |
| WPO-BC-037-060B | S2435                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-037-090  | S2436                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-038-040  | S2437                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-038-050A | S2438                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-038-050B | S2439                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-038-110  | S2440                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-039-020A | S2441                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-039-020B | S2442                 | 480 U                   | 480 U               | 480 U                     | 480 U                     | 480 U    | 480 U          | 480 U      | 480 U                   | 480 U    | 480 U        | 480 U                       |
| WPO-BC-039-030  | S2443                 | 476 U                   | 476 U               | 476 U                     | 476 U                     | 476 U    | 476 U          | 476 U      | 476 U                   | 476 U    | 476 U        | 476 U                       |
| WPO-BC-039-060  | S2444                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-040-010A | S2445                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-040-010B | S2446                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-040-020  | S2447                 | 460 U                   | 460 U               | 460 U                     | 460 U                     | 460 U    | 460 U          | 460 U      | 460 U                   | 460 U    | 460 U        | 460 U                       |
| WPO-BC-040-030  | S2448                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-040-040  | S2449                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-040-080  | S2450                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| FIELD BLANK     | S2451                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       |
| WPO-BC-041-030  | S2452                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-041-070  | S2453                 | 526 U                   | 526 U               | 885 M                     | 526 U                     | 526 U    | 526 U          | 526 U      | 526 U                   | 526 U    | 526 U        | 526 U                       |
| WPO-BC-041-080A | S2454                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-041-080B | S2455                 | 440 U                   | 440 U               | 440 U                     | 440 U                     | 440 U    | 440 U          | 440 U      | 440 U                   | 440 U    | 440 U        | 440 U                       |
| WPO-BC-041-090  | S2456                 | 444 U                   | 444 U               | 444 U                     | 444 U                     | 444 U    | 444 U          | 444 U      | 444 U                   | 444 U    | 444 U        | 444 U                       |
| WPO-BC-041-110  | S2457                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-042-020  | S2458                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-042-040  | S2459                 | 471 U                   | 471 U               | 471 U                     | 471 U                     | 471 U    | 471 U          | 471 U      | 471 U                   | 471 U    | 471 U        | 471 U                       |
| WPO-BC-042-060  | S2460                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-042-070  | S2461                 | 526 U                   | 526 U               | 526 U                     | 526 U                     | 526 U    | 526 U          | 526 U      | 526 U                   | 526 U    | 526 U        | 526 U                       |
| FIELD BLANK     | S2462                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       |
| WPO-BC-042-090A | S2463                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-042-090B | S2464                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-043-010  | S2465                 | 440 U                   | 440 U               | 440 U                     | 440 U                     | 440 U    | 440 U          | 440 U      | 440 U                   | 440 U    | 440 U        | 440 U                       |
| WPO-BC-043-020  | S2466                 | 500 U                   | 500 U               | 500 U                     | 500 U                     | 500 U    | 500 U          | 500 U      | 500 U                   | 500 U    | 500 U        | 500 U                       |
| WPO-BC-043-030A | S2467                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-043-030B | S2468                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-043-050  | S2469                 | 449 U                   | 449 U               | 449 U                     | 449 U                     | 449 U    | 449 U          | 449 U      | 449 U                   | 449 U    | 449 U        | 449 U                       |
| WPO-BC-043-090  | S2470                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| FIELD BLANK     | S2471                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       |
| WPO-BC-044-010  | S2472                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-044-020  | S2473                 | 449 U                   | 449 U               | 449 U                     | 449 U                     | 449 U    | 449 U          | 449 U      | 449 U                   | 449 U    | 449 U        | 449 U                       |
| WPO-BC-044-030  | S2474                 | 455 U                   | 455 U               | 455 U                     | 455 U                     | 455 U    | 455 U          | 455 U      | 455 U                   | 455 U    | 455 U        | 455 U                       |
| WPO-BC-044-050  | S2475                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-044-070A | S2476                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |
| WPO-BC-044-070B | S2477                 | NA                      | NA                  | NA                        | NA                        | NA       | NA             | NA         | NA                      | NA       | NA           | NA                          |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
Y = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

Table B-2 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
BOREHOLE  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.      | TRAFFIC<br>REPORT NO. | INDENO(1,2,3-CD)<br>PYRENE | PYRENE | ANTILINE | BENZYL<br>ALCOHOL | 4-CHLORO-<br>ANTILINE | DIBENZOFURAN | 2-METHYL-<br>NAPHTHYLENE | 2-NITROANTILINE | 3-NITROANTILINE | 4-NITROANTILINE |
|-----------------|-----------------------|----------------------------|--------|----------|-------------------|-----------------------|--------------|--------------------------|-----------------|-----------------|-----------------|
| WPO-BC-035-050  | S2421                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-035-060  | S2422                 |                            | 516 U  | 516 U    | 516 U             | 516 U                 | 516 U        | 516 U                    | 516 U           | 516 U           | 516 U           |
| WPO-BC-035-070  | S2423                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-035-080  | S2424                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-035-120  | S2425                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| FIELD BLANK     | S2426                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-036-030  | S2427                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-036-040  | S2428                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-036-080A | S2429                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-036-080B | S2430                 |                            | 464 U  | 464 U    | 464 U             | 464 U                 | 464 U        | 464 U                    | 464 U           | 464 U           | 464 U           |
| WPO-BC-036-100  | S2431                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| FIELD BLANK     | S2432                 |                            | 400 U  | 400 U    | 400 U             | 400 U                 | 400 U        | 400 U                    | 400 U           | 400 U           | 400 U           |
| WPO-BC-037-040  | S2433                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-037-060A | S2434                 |                            | 520 U  | 520 U    | 520 U             | 520 U                 | 520 U        | 520 U                    | 520 U           | 520 U           | 520 U           |
| WPO-BC-037-060B | S2435                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-037-090  | S2436                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-038-040  | S2437                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-038-050A | S2438                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-038-050B | S2439                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-038-110  | S2440                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-039-020A | S2441                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-039-020B | S2442                 |                            | 480 U  | 480 U    | 480 U             | 480 U                 | 480 U        | 480 U                    | 480 U           | 480 U           | 480 U           |
| WPO-BC-039-030  | S2443                 |                            | 476 U  | 476 U    | 476 U             | 476 U                 | 476 U        | 476 U                    | 476 U           | 476 U           | 476 U           |
| WPO-BC-039-060  | S2444                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-040-010A | S2445                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-040-010B | S2446                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-040-020  | S2447                 |                            | 460 U  | 460 U    | 460 U             | 460 U                 | 460 U        | 460 U                    | 460 U           | 460 U           | 460 U           |
| WPO-BC-040-030  | S2448                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-040-040  | S2449                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-040-080  | S2450                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| FIELD BLANK     | S2451                 |                            | 400 U  | 400 U    | 400 U             | 400 U                 | 400 U        | 400 U                    | 400 U           | 400 U           | 400 U           |
| WPO-BC-041-030  | S2452                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-041-070  | S2453                 |                            | 526 U  | 526 U    | 526 U             | 526 U                 | 526 U        | 526 U                    | 526 U           | 526 U           | 526 U           |
| WPO-BC-041-080A | S2454                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-041-080B | S2455                 |                            | 440 U  | 440 U    | 440 U             | 440 U                 | 440 U        | 440 U                    | 440 U           | 440 U           | 440 U           |
| WPO-BC-041-090  | S2456                 |                            | 444 U  | 444 U    | 444 U             | 444 U                 | 444 U        | 444 U                    | 444 U           | 444 U           | 444 U           |
| WPO-BC-041-110  | S2457                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-042-020  | S2458                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-042-040  | S2459                 |                            | 471 U  | 471 U    | 471 U             | 471 U                 | 471 U        | 471 U                    | 471 U           | 471 U           | 471 U           |
| WPO-BC-042-060  | S2460                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-042-070  | S2461                 |                            | 526 U  | 526 U    | 526 U             | 526 U                 | 526 U        | 526 U                    | 526 U           | 526 U           | 526 U           |
| FIELD BLANK     | S2462                 |                            | 400 U  | 400 U    | 400 U             | 400 U                 | 400 U        | 400 U                    | 400 U           | 400 U           | 400 U           |
| WPO-BC-042-090A | S2463                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-042-090B | S2464                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-043-010  | S2465                 |                            | 440 U  | 440 U    | 440 U             | 440 U                 | 440 U        | 440 U                    | 440 U           | 440 U           | 440 U           |
| WPO-BC-043-020  | S2466                 |                            | 500 U  | 500 U    | 500 U             | 500 U                 | 500 U        | 500 U                    | 500 U           | 500 U           | 500 U           |
| WPO-BC-043-030A | S2467                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-043-030B | S2468                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-043-050  | S2469                 |                            | 449 U  | 449 U    | 449 U             | 449 U                 | 449 U        | 449 U                    | 449 U           | 449 U           | 449 U           |
| WPO-BC-043-090  | S2470                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| FIELD BLANK     | S2471                 |                            | 400 U  | 400 U    | 400 U             | 400 U                 | 400 U        | 400 U                    | 400 U           | 400 U           | 400 U           |
| WPO-BC-044-010  | S2472                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-044-020  | S2473                 |                            | 449 U  | 449 U    | 449 U             | 449 U                 | 449 U        | 449 U                    | 449 U           | 449 U           | 449 U           |
| WPO-BC-044-030  | S2474                 |                            | 455 U  | 455 U    | 455 U             | 455 U                 | 455 U        | 455 U                    | 455 U           | 455 U           | 455 U           |
| WPO-BC-044-050  | S2475                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-044-070A | S2476                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |
| WPO-BC-044-070B | S2477                 | NA                         | NA     | NA       | NA                | NA                    | NA           | NA                       | NA              | NA              | NA              |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
J = ESTIMATED VALUE (TENTATIVELY IDENTIFIED COMPOUNDS)  
NA = NOT ANALYZED

29-Mar-84

Table B-3  
GROUNDWATER INORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE R1  
GROUNDWATER  
INORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | CHROMIUM | NICKEL | ZINC | ARSENIC | CADMIUM | LEAD |
|-------------|----------|--------|------|---------|---------|------|
| WPD-GW-031  | 10 U     | 40 U   | 50   | 10 U    | 1 U     | 61   |
| WPD-GW-032  | 10 U     | 40 U   | 79   | 10 U    | 1 U     | 5 U  |
| WPD-GW-033  | 11       | 40 U   | 86   | 10 U    | 5.6     | 18   |
| WPD-GW-034  | 15       | 40 U   | 122  | 10 U    | 1 U     | 10   |
| WPD-GW-035  | 26       | 40 U   | 97   | 10 U    | 4.1     | 15   |
| WPD-GW-036  | 27       | 40 U   | 70   | 10 U    | 2.0     | 70   |
| WPD-GW-037  | 10       | 40 U   | 39   | 10 U    | 3.9     | 8    |
| WPD-GW-038  | 10       | 40 U   | 77   | 10 U    | 1.2     | 9    |
| WPD-GW-039  | 35       | 40 U   | 381  | 30      | 1.2     | 21   |
| WPD-GW-040A | 10 U     | 40 U   | 87   | 10 U    | 1 U     | 5 U  |
| WPD-GW-040B | 10 U     | 40 U   | 85   | 10 U    | 2.3     | 5 U  |
| WPD-GW-041  | 12       | 40 U   | 69   | 10 U    | 1 U     | 5 U  |
| WPD-GW-042A | 10 U     | 40 U   | 96   | 10 U    | 1 U     | 5 U  |
| WPD-GW-042B | 10 U     | 40 U   | 124  | 10 U    | 1 U     | 5 U  |
| WPD-GW-043  | 10 U     | 40 U   | 166  | 10 U    | 1 U     | 5 U  |
| WPD-GW-044  | 15       | 40 U   | 177  | 17      | 1 U     | 10   |
| FIELD BLANK | 10 U     | 40 U   | 10 U | 10 U    | 1 U     | 5 U  |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

29-Mar-84

Table B-4  
GROUNDWATER ORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE #1  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACROLEIN | ACRYLONITRILE | BENZENE | CARBON<br>TETRACHLORIDE | CHLOROBENZENE | 1,2-DI-<br>CHLOROETHANE | 1,1,1-TRI-<br>CHLOROETHANE | 1,1-DI-<br>CHLOROETHANE | 1,1,2-TRI-<br>CHLOROETHANE | 1,1,2,2-TETRA-<br>CHLOROETHANE | CHLOROETHANE |
|-------------|-----------------------|----------|---------------|---------|-------------------------|---------------|-------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|--------------|
| WPO-GW-031  | S2479                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-032  | S2486                 | 100 U    | 100 U         | 5 M     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-033  | S2487                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-034  | S2488                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-035  | S2489                 | 100 U    | 100 U         | 5 M     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-036  | S2480                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-037  | S2481                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-038  | S2482                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-039  | S2490                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-040A | S2483                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-040B | S2484                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-041  | S2485                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-042A | S2491                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-042B | S2494                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-043  | S2492                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| WPO-GW-044  | S2493                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |
| FIELD BLANK | S2495                 | 100 U    | 100 U         | 5 U     | 5 U                     | 5 U           | 1 U                     | 5 U                        | 5 U                     | 5 U                        | 10 U                           | 10 U         |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN LB/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2-CHLOROETHYL-<br>VINYL ETHER | CHLOROFORM | 1,1-DI-<br>CHLOROETHENE | TRANS-1,2 DI-<br>CHLOROETHENE | 1,2-DI-<br>CHLOROPROPENE | TRANS-1,3-DI-<br>CHLOROPROPENE | CIS-1,3-DI-<br>CHLOROPROPENE | ETHYL BENZENE | METHYLENE<br>CHLORIDE | CHLOROMETHANE | BROMOMETHANE |
|-------------|-----------------------|-------------------------------|------------|-------------------------|-------------------------------|--------------------------|--------------------------------|------------------------------|---------------|-----------------------|---------------|--------------|
| WPO-GW-031  | S2479                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-032  | S2486                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-033  | S2487                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-034  | S2488                 | 10 U                          | 5 M        | 5 U                     | 86                            | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-035  | S2489                 | 10 U                          | 5 M        | 5 U                     | 260                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-036  | S2480                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-037  | S2481                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-038  | S2482                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-039  | S2490                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-040A | S2483                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-040B | S2484                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-041  | S2485                 | 10 U                          | 5 U        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 U           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-042A | S2491                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-042B | S2494                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-043  | S2492                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| WPO-GW-044  | S2493                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |
| FIELD BLANK | S2495                 | 10 U                          | 5 M        | 5 U                     | 5 U                           | 10 U                     | 5 U                            | 5 U                          | 5 M           | 5 U                   | 10 U          | 10 U         |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | BROMOFORM | BROMODICHLORO-<br>METHANE | FLUOROTRICHORO-<br>METHANE | DICHLORO-<br>DIFLUORO-<br>METHANE | CHLORODIBROMO-<br>METHANE | TETRACHORO-<br>ETHENE | TOLUENE | TRICHLOROETHENE | VINYL CHLORIDE | ACETONE | 2-BUTANONE |
|-------------|-----------------------|-----------|---------------------------|----------------------------|-----------------------------------|---------------------------|-----------------------|---------|-----------------|----------------|---------|------------|
| WPO-GW-031  | S2479                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-032  | S2486                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-033  | S2487                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-034  | S2488                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-035  | S2489                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-036  | S2480                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-037  | S2481                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-038  | S2482                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-039  | S2490                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-040A | S2483                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-040B | S2484                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-041  | S2485                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 U                   | 5 U     | 5 U             | 10 U           | 50      | 5 U        |
| WPO-GW-042A | S2491                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-042B | S2494                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-043  | S2492                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 5 U        |
| WPO-GW-044  | S2493                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 6 M                   | 5 M     | 5 U             | 10 U           | 18 M    | 5 U        |
| FIELD BLANK | S2495                 | 10 U      | 5 U                       | 5 U                        | 5 U                               | 5 U                       | 5 M                   | 5 M     | 5 U             | 10 U           | 5 U     | 62         |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN US/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | CARBONDISULFIDE | 2-HEXANONE | 4-METHYL-<br>2-PENTANONE | STYRENE | VINYL ACETATE | TOTAL XYLENES | ALDRIN | DIELDRIN | CHLORDANE | 4,4'-DDT | 4,4'-DDE | 4,4'-DDD |
|-------------|-----------------------|-----------------|------------|--------------------------|---------|---------------|---------------|--------|----------|-----------|----------|----------|----------|
| WPO-GW-031  | S2479                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-032  | S2486                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-033  | S2487                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-034  | S2488                 | 1 U             | 5 M        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-035  | S2489                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-036  | S2480                 | 1 U             | 15         | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-037  | S2481                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-038  | S2482                 | 6 M             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-039  | S2490                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-040A | S2483                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-040B | S2484                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-041  | S2485                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-042A | S2491                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-042B | S2494                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-043  | S2492                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| WPO-GW-044  | S2493                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |
| FIELD BLANK | S2495                 | 1 U             | 5 U        | 5 U                      | 5 U     | 5 U           | 5 U           | 10 U   | 10 U     | 10 U      | 10 U     | 10 U     | 10 U     |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN US/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | a-ENDOSULFAN | b-ENDOSULFAN | ENDOSULFAN<br>SULFATE | ENDRIN | ENDRIN<br>ALDEHYDE | HEPTACHLOR | HEPTACHLOR<br>EPOXIDE | a-GHC | b-GHC | d-GHC | g-GHC<br>(LINDANE) | PCB-1242 |
|-------------|-----------------------|--------------|--------------|-----------------------|--------|--------------------|------------|-----------------------|-------|-------|-------|--------------------|----------|
| WPO-GW-031  | S2479                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-032  | S2486                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-033  | S2487                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-034  | S2488                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-035  | S2489                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-036  | S2480                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-037  | S2481                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-038  | S2482                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-039  | S2490                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-040A | S2483                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-040B | S2484                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-041  | S2485                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-042A | S2491                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-042B | S2494                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-043  | S2492                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| WPO-GW-044  | S2493                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |
| FIELD BLANK | S2495                 | 10 U         | 10 U         | 10 U                  | 10 U   | 10 U               | 10 U       | 10 U                  | 10 U  | 10 U  | 10 U  | 10 U               | 200 U    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE R1  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | PCB-125A | PCB-1221 | PCB-1232 | PCB-1248 | PCB-1260 | PCB-1016 | TOXAPHENE | 2,4,6-TRICHLORO-<br>PHENOL | p-CHLORO-<br>m-CRESOL | 2-CHLOROPHENOL | 2,4-DICHLORO-<br>PHENOL |
|-------------|-----------------------|----------|----------|----------|----------|----------|----------|-----------|----------------------------|-----------------------|----------------|-------------------------|
| WPO-GW-031  | S2479                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-032  | S2486                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-033  | S2487                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-034  | S2488                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-035  | S2489                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-036  | S2480                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-037  | S2481                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-038  | S2482                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-039  | S2490                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-040A | S2483                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-040B | S2484                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-041  | S2485                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-042A | S2491                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-042B | S2494                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-043  | S2492                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| WPO-GW-044  | S2493                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |
| FIELD BLANK | S2495                 | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U    | 200 U     | 20 U                       | 20 U                  | 20 U           | 20 U                    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2,4-DIMETHYL-<br>PHENOL | 2-NITROPHENOL | 4-NITROPHENOL | 2,4-DINITRO-<br>PHENOL | 4,6-DINITRO-<br>2-METHYLPHENOL | PENTA-<br>CHLOROPHENOL | PHENOL | BENZOIC ACID | 2-METHYLPHENOL | 4-METHYLPHENOL |
|-------------|-----------------------|-------------------------|---------------|---------------|------------------------|--------------------------------|------------------------|--------|--------------|----------------|----------------|
| WPO-GW-031  | S2479                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-032  | S2486                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-033  | S2487                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 M   | 200 U        | 10 U           | 10 U           |
| WPO-GW-034  | S2488                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-035  | S2489                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 M   | 200 U        | 10 U           | 10 U           |
| WPO-GW-036  | S2480                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-037  | S2481                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-038  | S2482                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-039  | S2490                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 M   | 200 U        | 10 U           | 10 U           |
| WPO-GW-040A | S2483                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-040B | S2484                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-041  | S2485                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-042A | S2491                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-042B | S2494                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 M   | 200 U        | 10 U           | 10 U           |
| WPO-GW-043  | S2492                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| WPO-GW-044  | S2493                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |
| FIELD BLANK | S2495                 | 20 U                    | 40 U          | 100 U         | 100 U                  | 40 U                           | 20 U                   | 20 U   | 200 U        | 10 U           | 10 U           |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN US/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2,4,5-TRICHLORO-<br>PHENOL | ACENAPHTHENE | BENZIDINE | 1,2,4-TRICHLORO-<br>BENZENE | HEXA-<br>CHLOROBENZENE | HEXA-<br>CHLOROETHANE | bis<br>(2-CHLOROETHYL)<br>ETHER | 2-CHLORO-<br>NAPHTHALENE | 1,2-DICHLORO-<br>BENZENE | 1,3-DICHLORO-<br>BENZENE |
|-------------|-----------------------|----------------------------|--------------|-----------|-----------------------------|------------------------|-----------------------|---------------------------------|--------------------------|--------------------------|--------------------------|
| WPO-GW-031  | S2479                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-032  | S2486                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-033  | S2487                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-034  | S2488                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-035  | S2489                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-036  | S2480                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-037  | S2481                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-038  | S2482                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-039  | S2490                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-040A | S2483                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-040B | S2484                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-041  | S2485                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-042A | S2491                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-042B | S249A                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-043  | S2492                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| WPO-GW-044  | S2493                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |
| FIELD BLANK | S2495                 | 200 U                      | 20 U         | 80 U      | 20 U                        | 20 U                   | 20 U                  | 20 U                            | 20 U                     | 20 U                     | 20 U                     |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 1,4-DICHLORO-<br>BENZENE | 3,3-DICHLORO-<br>BENZIDINE | 2,4-DINITRO-<br>TOLUENE | 2,6-DINITRO-<br>TOLUENE | 1,2-DIPHENYL-<br>HYDRAZINE | FLUORANTHENE | 4-CHLOROPHENYL<br>PHENYL ETHER | 4-BROMOPHENYL<br>PHENYL ETHER | bis-<br>(2-CHLOROISOPROPYL)<br>ETHER | bis-<br>(2-CHLOROETHOXY)<br>METHANE |
|-------------|-----------------------|--------------------------|----------------------------|-------------------------|-------------------------|----------------------------|--------------|--------------------------------|-------------------------------|--------------------------------------|-------------------------------------|
| WPO-GW-031  | S2479                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-032  | S2486                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-033  | S2487                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-034  | S2488                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-035  | S2489                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-036  | S2480                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-037  | S2481                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-038  | S2482                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-039  | S2490                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-040A | S2483                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-040B | S2484                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-041  | S2485                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-042A | S2491                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-042B | S2494                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-043  | S2492                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| WPO-GW-044  | S2493                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |
| FIELD BLANK | S2495                 | 20 U                     | 40 U                       | 40 U                    | 40 U                    | 40 U                       | 20 U         | 20 U                           | 20 U                          | 40 U                                 | 40 U                                |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | HEXACHLORO-<br>BUTADIENE | HEXACHLORO-<br>CYCLO-<br>PENTADIENE | ISOPHORONE | NAPHTHALENE | NITROBENZENE | N-NITROSODI-<br>PHENYLAMINE | N-NITROSODI-<br>PROPYLAMINE | bis-<br>(2-ETHYLHEXYL)<br>PHTHALATE | BENZYL BUTYL<br>PHTHALATE | DI-N-BUTYL<br>PHTHALATE | DI-N-OCTYL<br>PHTHALATE |
|-------------|-----------------------|--------------------------|-------------------------------------|------------|-------------|--------------|-----------------------------|-----------------------------|-------------------------------------|---------------------------|-------------------------|-------------------------|
| WPO-GW-031  | S2479                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-032  | S2486                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-033  | S2487                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 M                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-034  | S2488                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-035  | S2489                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-036  | S2480                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-037  | S2481                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-038  | S2482                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-039  | S2490                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-040A | S2483                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-040B | S2484                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-041  | S2485                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-042A | S2491                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-042B | S2494                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-043  | S2492                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| WPO-GW-044  | S2493                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |
| FIELD BLANK | S2495                 | 20 U                     | 20 U                                | 20 U       | 20 U        | 20 U         | 20 U                        | 20 U                        | 20 U                                | 20 U                      | 20 U                    | 20 U                    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | DIETHYL<br>PHTHALATE | DIMETHYL<br>PHTHALATE | BENZO(a)-<br>ANTHRACENE | BENZO(a)-<br>PYRENE | BENZO(b)-<br>FLUORANTHENE | BENZO(k)-<br>FLUORANTHENE | CHRYSENE | ACENAPHTHYLENE | ANTHRACENE | BENZO(ghi)-<br>PERYLENE | FLUORENE | PHENANTHRENE |
|-------------|-----------------------|----------------------|-----------------------|-------------------------|---------------------|---------------------------|---------------------------|----------|----------------|------------|-------------------------|----------|--------------|
| WPO-GW-031  | S2479                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-032  | S2486                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-033  | S2487                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-034  | S2488                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-035  | S2489                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-036  | S2480                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-037  | S2481                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-038  | S2482                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-039  | S2490                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-040A | S2483                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-040B | S2484                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-041  | S2485                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-042A | S2491                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-042B | S2494                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-043  | S2492                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| WPO-GW-044  | S2493                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |
| FIELD BLANK | S2495                 | 20 U                 | 20 U                  | 20 U                    | 40 U                | 40 U                      | 40 U                      | 40 U     | 20 U           | 20 U       | 40 U                    | 20 U     | 20 U         |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | DIBENZO(a,h)-<br>ANTHRACENE | INDENO(1,2,3-cd)<br>PYRENE | PYRENE | ANILINE | BENZYL<br>ALCOHOL |
|-------------|-----------------------|-----------------------------|----------------------------|--------|---------|-------------------|
| WPO-GW-031  | S2479                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-032  | S2486                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-033  | S2487                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-034  | S2488                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-035  | S2489                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-036  | S2480                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-037  | S2481                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-038  | S2482                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-039  | S2490                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-040A | S2483                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-040B | S2484                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-041  | S2485                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-042A | S2491                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-042B | S2494                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-043  | S2492                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| WPO-GW-044  | S2493                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |
| FIELD BLANK | S2495                 | 40 U                        | 40 U                       | 20 U   | 20 U    | 40 U              |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-4 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
GROUNDWATER  
ORGANICS ANALYSIS

ALL RESULTS IN UG/L (PPB)

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 4-CHLORO-<br>ANILINE | DIBENZOFURAN | 2-METHYL-<br>NAPHTHALENE | 2-NITROANILINE | 3-NITROANILINE | 4-NITROANILINE |
|-------------|-----------------------|----------------------|--------------|--------------------------|----------------|----------------|----------------|
| WPO-GW-031  | S2479                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-032  | S2486                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-033  | S2487                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-034  | S2488                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-035  | S2489                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-036  | S2480                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-037  | S2481                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-038  | S2482                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-039  | S2490                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-040A | S2483                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-040B | S2484                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-041  | S2485                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-042A | S2491                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-042B | S2494                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-043  | S2492                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| WPO-GW-044  | S2493                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |
| FIELD BLANK | S2495                 | 100 U                | 20 U         | 40 U                     | 200 U          | 200 U          | 200 U          |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-5  
SURFACE SOIL INORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE RI  
SURFACE SOIL  
INORGANICS ANALYSIS

ALL RESULTS IN MG/KG

| SAMPLE NO.  | CHROMIUM | NICKEL | ZINC   | ARSENIC | CADMIUM | LEAD   |
|-------------|----------|--------|--------|---------|---------|--------|
| WPO-SS-001  | 10.0     | 12.0   | 52.5   | 14      | 0.25    | 21     |
| WPO-SS-002  | 10.0     | 12.0   | 32.5   | 12      | 1.7     | 8.25   |
| WPO-SS-005  | 10.5     | 10.0   | 132    | 9.1     | 0.40    | 26     |
| WPO-SS-006  | 29.5     | 18.0   | 496    | 8.0     | 2.1     | 120    |
| WPO-SS-007  | 16.5     | 14.0   | 158    | 3.2     | 0.65    | 32     |
| WPO-SS-008A | 549      | 184    | 21,000 | 12      | 90      | 4,000  |
| WPO-SS-008B | 547      | 156    | 20,800 | 13      | 82      | 3,700  |
| WPO-SS-009  | 14.5     | 18.0   | 43.5   | 5.0     | 0.15    | 15     |
| WPO-SS-010  | 218      | 16.0   | 103    | 7.4     | 2.5     | 48     |
| WPO-SS-011  | 6.5      | 6.0    | 23.5   | 2.4     | 0.10    | 4.5    |
| WPO-SS-012  | 17.5     | 16.0   | 28.5   | 2.1     | 0.05    | 3.0    |
| WPO-SS-013  | 9.5      | 8.0    | 65.0   | 8.4     | 0.30    | 26     |
| WPO-SS-014  | 11.0     | 10.0   | 27.0   | 7.4     | 0.05    | 6.0    |
| FIELD BLANK | 0.5 U    | 2.0 U  | ND     | 0.5 U   | 0.05 U  | 0.25 U |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
ND = NON DETECTABLE

29-Mar-84

Table B-6  
SURFACE SOIL ORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE #1  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACROLEIN | ACRYLONITRILE | BENZENE | CARBON<br>TETRACHLORIDE | CHLOROBENZENE | 1,2-DI-<br>CHLOROETHANE | 1,1,1-TRI-<br>CHLOROETHANE | 1,1-DI-<br>CHLOROETHANE | 1,1,2-TRI-<br>CHLOROETHANE | 1,1,2,2-TETRA-<br>CHLOROETHANE |
|-------------|-----------------------|----------|---------------|---------|-------------------------|---------------|-------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|
| WPO-SS-002  | S2409                 | SI U     | SI U          | SI U    | SI U                    | SI U          | SI U                    | SI U                       | SI U                    | SI U                       | SI U                           |
| WPO-SS-005  | S2402                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |
| WPO-SS-007  | S2403                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |
| WPO-SS-008A | S2404                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |
| WPO-SS-008B | S2406                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |
| WPO-SS-011  | S2405                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |
| FIELD BLANK | S2407                 | NA       | NA            | NA      | NA                      | NA            | NA                      | NA                         | NA                      | NA                         | NA                             |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
N = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

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Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | CHLOROETHANE | 2-CHLOROETHYL-<br>VINYL ETHER | CHLOROFORM | 1,1-DI-<br>CHLOROETHENE | TRANS-1,2<br>DICHLOROETHENE | 1,2-DI-<br>CHLOROPROPANE | TRANS-1,3-DI-<br>CHLOROPROPENE | CIS-1,3-DI-<br>CHLOROPROPENE | ETHYLBENZENE | METHYLENE<br>CHLORIDE |
|-------------|-----------------------|--------------|-------------------------------|------------|-------------------------|-----------------------------|--------------------------|--------------------------------|------------------------------|--------------|-----------------------|
| WPO-SS-002  | S2409                 | S.I.U.       | S.I.U.                        | S.I.U.     | S.I.U.                  | S.I.U.                      | S.I.U.                   | S.I.U.                         | S.I.U.                       | S.I.U.       | 6.1 M                 |
| WPO-SS-005  | S2402                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |
| WPO-SS-007  | S2403                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |
| WPO-SS-000A | S2404                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |
| WPO-SS-000B | S2406                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |
| WPO-SS-011  | S2405                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |
| FIELD BLANK | S2407                 | NA           | NA                            | NA         | NA                      | NA                          | NA                       | NA                             | NA                           | NA           | NA                    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

29-Mar-84

Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | CHLOROMETHANE | BROMOMETHANE | BROMOFORM | BROMODICHLORO-<br>METHANE | FLUOROTRICHORO-<br>METHANE | DICHLORODIFLUORO-<br>METHANE | CHLORODIBROMO-<br>METHANE | TETRACHORO-<br>ETHENE | TOLUENE | TRICHLOROETHENE |
|-------------|-----------------------|---------------|--------------|-----------|---------------------------|----------------------------|------------------------------|---------------------------|-----------------------|---------|-----------------|
| WPO-SS-002  | S2409                 | S.U.U         | S.U.U        | S.U.U     | S.U.U                     | S.U.U                      | S.U.U                        | S.U.U                     | S.U.U                 | S.U.U   | S.U.U           |
| WPO-SS-005  | S2402                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |
| WPO-SS-007  | S2403                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |
| WPO-SS-008A | S2404                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |
| WPO-SS-008B | S2406                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |
| WPO-SS-011  | S2405                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |
| FIELD BLANK | S2407                 | NA            | NA           | NA        | NA                        | NA                         | NA                           | NA                        | NA                    | NA      | NA              |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

29-Mar-84

Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | VINYL CHLORIDE | ACETONE | 2-BUTANONE | CARBONDISULFIDE | 2-HEXANONE | 4-METHYL-<br>2-PENTANONE | STYRENE | VINYL ACETATE | TOTAL XYLENES | 2,4,6-TRICHLORO-<br>PHENOL |
|-------------|-----------------------|----------------|---------|------------|-----------------|------------|--------------------------|---------|---------------|---------------|----------------------------|
| WPO-SS-002  | S2409                 | S.I.U          | S.I.U   | S.I.U      | S.I.U           | S.I.U      | S.I.U                    | S.I.U   | S.I.U         | S.I.U         | 851 U                      |
| WPO-SS-005  | S2482                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 824 U                      |
| WPO-SS-007  | S2483                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 1104 U                     |
| WPO-SS-008A | S2484                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 4400                       |
| WPO-SS-008B | S2486                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 4280 U                     |
| WPO-SS-011  | S2485                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 816 U                      |
| FIELD BLANK | S2487                 | NA             | NA      | NA         | NA              | NA         | NA                       | NA      | NA            | NA            | 800 U                      |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

29-Mar-84

Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE R1  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | p-CHLORO-<br>m-CRESOL | 2-CHLOROPHENOL | 2,4-DICHLORO-<br>PHENOL | 2,4-DIMETHYL-<br>PHENOL | 2-NITROPHENOL | 4-NITROPHENOL | 2,4-DINITRO-<br>PHENOL | 4,6-DINITRO-<br>2-METHYLPHENOL | PENTA-<br>CHLOROPHENOL | PHENOL |
|-------------|-----------------------|-----------------------|----------------|-------------------------|-------------------------|---------------|---------------|------------------------|--------------------------------|------------------------|--------|
| WPO-SS-002  | S2409                 | 851 U                 | 851 U          | 851 U                   | 851 U                   | 851 U         | 851 U         | 851 U                  | 851 U                          | 851 U                  | 851 U  |
| WPO-SS-005  | S2402                 | 824 U                 | 824 U          | 824 U                   | 824 U                   | 824 U         | 824 U         | 824 U                  | 824 U                          | 824 U                  | 824 U  |
| WPO-SS-007  | S2403                 | 1104 U                | 1104 U         | 1104 U                  | 1104 U                  | 1104 U        | 1104 U        | 1104 U                 | 1104 U                         | 1104 U                 | 1104 U |
| WPO-SS-008A | S2404                 | 4400 U                | 4400 U         | 4400 U                  | 4400 U                  | 4400 U        | 4400 U        | 4400 U                 | 4400 U                         | 4400 U                 | 4400 U |
| WPO-SS-008B | S2406                 | 4280 U                | 4280 U         | 4280 U                  | 4280 U                  | 4280 U        | 4280 U        | 4280 U                 | 4280 U                         | 4280 U                 | 4280 U |
| WPO-SS-011  | S2405                 | 816 U                 | 816 U          | 816 U                   | 816 U                   | 816 U         | 816 U         | 816 U                  | 816 U                          | 816 U                  | 816 U  |
| FIELD BLANK | S2407                 | 800 U                 | 800 U          | 800 U                   | 800 U                   | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

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Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN US/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | BENZOIC ACID | 2-METHYLPHENOL | 4-METHYLPHENOL | 2,4,5-TRICHLORO-<br>PHENOL | ACENAPHTHENE | BENZIDINE | 1,2,4-TRICHLORO-<br>BENZENE | HEXA-<br>CHLOROBENZENE | HEXA-<br>CHLOROETHANE | bis<br>(2-CHLOROETHYL)<br>ETHER |
|-------------|-----------------------|--------------|----------------|----------------|----------------------------|--------------|-----------|-----------------------------|------------------------|-----------------------|---------------------------------|
| WPO-SS-002  | S2409                 | 851 U        | 851 U          | 851 U          | 851 U                      | 426 U        | 426 U     | 426 U                       | 426 U                  | 426 U                 | 426 U                           |
| WPO-SS-005  | S2402                 | 824 U        | 824 U          | 824 U          | 824 U                      | 412 U        | 412 U     | 412 U                       | 412 U                  | 412 U                 | 412 U                           |
| WPO-SS-007  | S2403                 | 1104 U       | 1104 U         | 1104 U         | 1104 U                     | 552 U        | 552 U     | 552 U                       | 552 U                  | 552 U                 | 552 U                           |
| WPO-SS-008A | S2404                 | 4400 U       | 4400 U         | 4400 U         | 4400 U                     | 2200 U       | 2200 U    | 2200 U                      | 2200 U                 | 2200 U                | 2200 U                          |
| WPO-SS-008B | S2406                 | 4280 U       | 4280 U         | 4280 U         | 4280 U                     | 2140 U       | 2140 U    | 2140 U                      | 2140 U                 | 2140 U                | 2140 U                          |
| WPO-SS-011  | S2405                 | 816 U        | 816 U          | 816 U          | 816 U                      | 408 U        | 408 U     | 408 U                       | 408 U                  | 408 U                 | 408 U                           |
| FIELD BLANK | S2407                 | 800 U        | 800 U          | 800 U          | 800 U                      | 400 U        | 400 U     | 400 U                       | 400 U                  | 400 U                 | 400 U                           |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

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WESTERN PROCESSING  
OFF SITE RI  
SURFACE SOIL  
ORGANICS ANALYSIS

Table B-6 (Cont'd)

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2-CHLORO-<br>NAPHTHALENE | 1,2-DICHLORO-<br>BENZENE | 1,3-DICHLORO-<br>BENZENE | 1,4-DICHLORO-<br>BENZENE | 3,3-DICHLORO-<br>BENZIDINE | 2,4-DINITRO-<br>TOLUENE | 2,6-DINITRO-<br>TOLUENE | 1,2-DIPHENYL-<br>HYDRAZINE | FLUORANTHENE | 4-CHLOROPHENYL<br>PHENYL ETHER |
|-------------|-----------------------|--------------------------|--------------------------|--------------------------|--------------------------|----------------------------|-------------------------|-------------------------|----------------------------|--------------|--------------------------------|
| WPO-SS-002  | S2409                 | 426 U                    | 426 U                    | 426 U                    | 426 U                    | 426 U                      | 426 U                   | 426 U                   | 426 U                      | 426 U        | 426 U                          |
| WPO-SS-005  | S2402                 | 412 U                    | 412 U                    | 412 U                    | 412 U                    | 412 U                      | 412 U                   | 412 U                   | 412 U                      | 412 U        | 412 U                          |
| WPO-SS-007  | S2403                 | 552 U                    | 552 U                    | 552 U                    | 552 U                    | 552 U                      | 552 U                   | 552 U                   | 552 U                      | 552 U        | 552 U                          |
| WPO-SS-008A | S2404                 | 2200 U                   | 2200 U                   | 2200 U                   | 2200 U                   | 2200 U                     | 2200 U                  | 2200 U                  | 2200 U                     | 2200 U       | 2200 U                         |
| WPO-SS-008B | S2406                 | 2140 U                   | 2140 U                   | 2140 U                   | 2140 U                   | 2140 U                     | 2140 U                  | 2140 U                  | 2140 U                     | 2140 U       | 2140 U                         |
| WPO-SS-011  | S2405                 | 400 U                    | 400 U                    | 400 U                    | 400 U                    | 400 U                      | 400 U                   | 400 U                   | 400 U                      | 400 U        | 400 U                          |
| FIELD BLANK | S2407                 | 400 U                    | 400 U                    | 400 U                    | 400 U                    | 400 U                      | 400 U                   | 400 U                   | 400 U                      | 400 U        | 400 U                          |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

29-Mar-84

WESTERN PROCESSING  
OFF SITE R1  
SURFACE SOIL  
ORGANICS ANALYSIS

Table B-6 (Cont'd)

ALL RESULTS IN LB/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 4-BROMOPHENYL<br>PHENYL ETHER | bis-<br>(2-CHLOROISOPROPYL)<br>ETHER | bis-<br>(2-CHLOROETHOXY)<br>METHANE | HEXACHLORO-<br>BUTADIENE | HEXACHLORO-<br>CYCLO-<br>PENTADIENE | ISOPHORONE | NAPHTHALENE | NITROBENZENE | N-NITROSODI-<br>PHENYLAMINE | N-NITROSODI-<br>PROPYLAMINE |
|-------------|-----------------------|-------------------------------|--------------------------------------|-------------------------------------|--------------------------|-------------------------------------|------------|-------------|--------------|-----------------------------|-----------------------------|
| WPO-SS-002  | S2409                 | 426 U                         | 426 U                                | 426 U                               | 426 U                    | 426 U                               | 426 U      | 426 U       | 426 U        | 426 U                       | 426 U                       |
| WPO-SS-005  | S2402                 | 412 U                         | 412 U                                | 412 U                               | 412 U                    | 412 U                               | 412 U      | 412 U       | 412 U        | 412 U                       | 412 U                       |
| WPO-SS-007  | S2403                 | 552 U                         | 552 U                                | 552 U                               | 552 U                    | 552 U                               | 552 U      | 552 U       | 552 U        | 552 U                       | 552 U                       |
| WPO-SS-008A | S2404                 | 2200 U                        | 2200 U                               | 2200 U                              | 2200 U                   | 2200 U                              | 2200 U     | 2200 U      | 2200 U       | 2200 U                      | 2200 U                      |
| WPO-SS-008B | S2406                 | 2140 U                        | 2140 U                               | 2140 U                              | 2140 U                   | 2140 U                              | 2140 U     | 2140 U      | 2140 U       | 2140 U                      | 2140 U                      |
| WPO-SS-011  | S2405                 | 400 U                         | 400 U                                | 400 U                               | 400 U                    | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       |
| FIELD BLANK | S2407                 | 400 U                         | 400 U                                | 400 U                               | 400 U                    | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
N = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

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WESTERN PROCESSING  
OFF SITE #1  
SURFACE SOIL  
ORGANICS ANALYSIS

Table B-6 (Cont'd)

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | bis-<br>(2-ETHYLHEXYL)<br>PHTHALATE | BENZYL BUTYL<br>PHTHALATE | D1-N-BUTYL<br>PHTHALATE | D1-N-OCTYL<br>PHTHALATE | DIETHYL<br>PHTHALATE | DIMETHYL<br>PHTHALATE | BENZO(a)-<br>ANTHRACENE | BENZO(a)-<br>PYRENE | BENZO(b)-<br>FLUORANTHENE | BENZO(k)-<br>FLUORANTHENE | CHRYSENE |
|-------------|-----------------------|-------------------------------------|---------------------------|-------------------------|-------------------------|----------------------|-----------------------|-------------------------|---------------------|---------------------------|---------------------------|----------|
| WPO-SS-002  | S2409                 | 426 U                               | 426 U                     | 426 U                   | 426 U                   | 426 U                | 426 U                 | 426 U                   | 426 U               | 426 U                     | 426 U                     | 426 U    |
| WPO-SS-005  | S2402                 | 412 U                               | 412 U                     | 412 U                   | 412 U                   | 412 U                | 412 U                 | 412 U                   | 412 U               | 412 U                     | 412 U                     | 412 U    |
| WPO-SS-007  | S2403                 | 552 U                               | 552 U                     | 552 U                   | 552 U                   | 552 U                | 552 U                 | 552 U                   | 552 U               | 552 U                     | 552 U                     | 552 U    |
| WPO-SS-008A | S2404                 | 2200 U                              | 2200 U                    | 2200 U                  | 2200 U                  | 2200 U               | 2200 U                | 2200 U                  | 2200 U              | 2200 U                    | 2200 U                    | 2200 U   |
| WPO-SS-008B | S2406                 | 2570 M                              | 2140 U                    | 2140 U                  | 2140 U                  | 2140 U               | 2140 U                | 2140 U                  | 2140 U              | 2140 U                    | 2140 U                    | 2140 U   |
| WPO-SS-011  | S2405                 | 408 U                               | 408 U                     | 408 U                   | 408 U                   | 408 U                | 408 U                 | 408 U                   | 408 U               | 408 U                     | 408 U                     | 408 U    |
| FIELD BLANK | S2407                 | 400 U                               | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
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NA = NOT ANALYZED

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WESTERN PROCESSING  
OFF SITE R1  
SURFACE SOIL  
ORGANICS ANALYSIS

Table B-6 (Cont'd)

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACENAPHTHYLENE | ANTHRACENE | BENZO(ghi)-<br>PERYLENE | FLUORENE | PHENANTHRENE | DIBENZO(a,h)-<br>ANTHRACENE | INDENO(1,2,3-cd)<br>PYRENE | PYRENE | ANILINE | BENZYL<br>ALCOHOL |
|-------------|-----------------------|----------------|------------|-------------------------|----------|--------------|-----------------------------|----------------------------|--------|---------|-------------------|
| WPO-SS-002  | S2409                 | 426 U          | 426 U      | 426 U                   | 426 U    | 426 U        | 426 U                       | 426 U                      | 426 U  | 426 U   | 426 U             |
| WPO-SS-005  | S2402                 | 412 U          | 412 U      | 412 U                   | 412 U    | 412 U        | 412 U                       | 412 U                      | 412 U  | 412 U   | 412 U             |
| WPO-SS-007  | S2403                 | 552 U          | 552 U      | 552 U                   | 552 U    | 552 U        | 552 U                       | 552 U                      | 552 U  | 552 U   | 552 U             |
| WPO-SS-008A | S2404                 | 2200 U         | 2200 U     | 2200 U                  | 2200 U   | 2200 U       | 2200 U                      | 2200 U                     | 2200 U | 2200 U  | 2200 U            |
| WPO-SS-008B | S2406                 | 2140 U         | 2140 U     | 2140 U                  | 2140 U   | 2140 U       | 2140 U                      | 2140 U                     | 2140 U | 2140 U  | 2140 U            |
| WPO-SS-011  | S2405                 | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       | 400 U                      | 400 U  | 400 U   | 400 U             |
| FIELD BLANK | S2407                 | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       | 400 U                      | 400 U  | 400 U   | 400 U             |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
N = DETECTED BUT NOT QUANTIFIABLE  
NA = NOT ANALYZED

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Table B-6 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SURFACE SOIL  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 4-CHLORO-<br>ANILINE | DIBENZOFURAN | 2-METHYL-<br>NAPHTHALENE | 2-NITROANILINE | 3-NITROANILINE | 4-NITROANILINE |
|-------------|-----------------------|----------------------|--------------|--------------------------|----------------|----------------|----------------|
| WPO-SS-002  | S2409                 | 426 U                | 426 U        | 426 U                    | 426 U          | 426 U          | 426 U          |
| WPO-SS-005  | S2402                 | 412 U                | 412 U        | 412 U                    | 412 U          | 412 U          | 412 U          |
| WPO-SS-007  | S2403                 | 552 U                | 552 U        | 552 U                    | 552 U          | 552 U          | 552 U          |
| WPO-SS-008A | S2404                 | 2200 U               | 2200 U       | 2200 U                   | 2200 U         | 2200 U         | 2200 U         |
| WPO-SS-008B | S2406                 | 2140 U               | 2140 U       | 2140 U                   | 2140 U         | 2140 U         | 2140 U         |
| WPO-SS-011  | S2405                 | 400 U                | 400 U        | 400 U                    | 400 U          | 400 U          | 400 U          |
| FIELD BLANK | S2407                 | 400 U                | 400 U        | 400 U                    | 400 U          | 400 U          | 400 U          |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
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NA = NOT ANALYZED

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Table B-7  
SEDIMENT INORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
INORGANICS ANALYSIS

ALL RESULTS IN MG/KG

| SAMPLE NO.  | CHROMIUM | NICKEL | ZINC   | ARSENIC | CADMIUM | LEAD   |
|-------------|----------|--------|--------|---------|---------|--------|
| WPO-SD-001  | 37.0     | 12.0   | 684    | 17      | 2.7     | 190    |
| WPO-SD-002  | 17.0     | 12.0   | 31,100 | 11      | 5.6     | 1,300  |
| WPO-SD-003  | 7.0      | 6.0    | 878    | 5.0     | 1.4     | 27     |
| WPO-SD-004A | 11.0     | 8.0    | 167    | 7.5     | 0.8     | 25     |
| WPO-SD-004B | 9.0      | 8.0    | 118    | 7.0     | 0.55    | 18     |
| WPO-SD-005  | 793      | 16.0   | 1,670  | 12      | 4.6     | 430    |
| WPO-SD-006  | 8.0      | 8.0    | 1,470  | 7.5     | 0.40    | 5.5    |
| WPO-SD-007  | 23.0     | 28.0   | 3,630  | 7.0     | 68      | 11     |
| WPO-SD-008  | 2,620    | 48.0   | 3,710  | 24      | 18      | 240    |
| WPO-SD-009  | 309      | 120    | 5,420  | 150     | 86      | 1,300  |
| WPO-SD-010  | 12.0     | 8.0    | 91.5   | 7.0     | 0.55    | 38     |
| WPO-SD-011  | 6.0      | 4.0    | 51.5   | 4.5     | 0.40    | 11     |
| WPO-SD-012  | 10.0     | 8.0    | 79.5   | 5.5     | 0.45    | 42     |
| WPO-SD-013  | 7.0      | 8.0    | 47.0   | 5.5     | 0.25    | 21     |
| WPO-SD-014  | 6.0      | 4.0    | 48.5   | 3.5     | 0.40    | 13     |
| WPO-SD-015  | 15.0     | 8.0    | 155    | 5.5     | 1.5     | 26     |
| WPO-SD-016  | 1,620    | 108    | 1,120  | 5.5     | 15      | 31     |
| WPO-SD-017A | 308      | 8.0    | 168    | 9.0     | 4.0     | 100    |
| WPO-SD-017B | 398      | 12.0   | 215    | 8.5     | 4.0     | 100    |
| WPO-SD-018  | 16.0     | 12.0   | 46.5   | 8.0     | 0.30    | 3.75   |
| WPO-SD-019  | 9.0      | 12.0   | 91.5   | 6.5     | 0.70    | 18     |
| WPO-SD-020  | 51.0     | 12.0   | 248    | 4.0     | 7.9     | 21     |
| WPO-SD-021  | 128      | 16.0   | 280    | 6.0     | 10      | 24     |
| WPO-SD-022  | 7.0      | 6.0    | 27.5   | 3.0     | 0.10    | 8.5    |
| WPO-SD-023  | 1,560    | 116    | 1,130  | 6.0     | 16      | 25     |
| WPO-SD-024  | 57.0     | 44.0   | 890    | 3.5     | 30      | 21     |
| WPO-SD-025  | 6.0      | 12.0   | 94.5   | 3.0     | 1.3     | 1.25   |
| WPO-SD-026  | 90.0     | 16.0   | 430    | 4.0     | 8.8     | 29     |
| WPO-SD-027A | 18.0     | 12.0   | 102    | 4.0     | 1.0     | 14     |
| WPO-SD-027B | 22.0     | 8.0    | 95.5   | 6.0     | 0.65    | 22     |
| WPO-SD-028  | 10.0     | 8.0    | 52.5   | 4.5     | 0.35    | 10     |
| WPO-SD-029  | 11.5     | 8.0    | 20.5   | 3.5     | 1.6     | 2.5    |
| WPO-SD-030  | 64.5     | 14.0   | 146    | 2.5     | 3.1     | 7.5    |
| FIELD BLANK | 0.5 U    | 2.0 U  | 0.5 U  | 1.0     | 0.05 U  | 0.25 U |

## LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT

29-Mar-84

Table B-8  
SEDIMENT ORGANICS ANALYSIS

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACROLEIN | ACRYLONITRILE | BENZENE | CARBON<br>TETRACHLORIDE | CHLOROBENZENE | 1,2-DI-<br>CHLOROETHANE | 1,1,1-TRI-<br>CHLOROETHANE | 1,1-DI-<br>CHLOROETHANE | 1,1,2-TRI-<br>CHLOROETHANE | 1,1,2,2-TETRA-<br>CHLOROETHANE | CHLOROETHANE |
|-------------|-----------------------|----------|---------------|---------|-------------------------|---------------|-------------------------|----------------------------|-------------------------|----------------------------|--------------------------------|--------------|
| WPO-SD-001  | S2412                 | 66 U     | 66 U          | 6.6 U   | 6.6 U                   | 6.6 U         | 6.6 U                   | 6.6 U                      | 6.6 U                   | 6.6 U                      | 6.6 U                          | 6.6 U        |
| WPO-SD-002  | S2413                 | 64 U     | 64 U          | 6.4 U   | 6.4 U                   | 6.4 U         | 6.4 U                   | 6.4 U                      | 6.4 U                   | 6.4 U                      | 6.4 U                          | 6.4 U        |
| WPO-SD-005  | S2410                 | 55 U     | 55 U          | 5.5 U   | 5.5 U                   | 5.5 U         | 5.5 U                   | 5.5 U                      | 5.5 U                   | 5.5 U                      | 5.5 U                          | 5.5 U        |
| WPO-SD-008  | S2411                 | 75 U     | 75 U          | 7.5 U   | 7.5 U                   | 7.5 U         | 7.5 U                   | 7.5 U                      | 7.5 U                   | 7.5 U                      | 7.5 U                          | 7.5 U        |
| WPO-SD-010  | S2414                 | 75 U     | 75 U          | 7.5 U   | 7.5 U                   | 7.5 U         | 7.5 U                   | 7.5 U                      | 7.5 U                   | 7.5 U                      | 7.5 U                          | 7.5 U        |
| WPO-SD-015  | S2415                 | 83 U     | 83 U          | 8.3 U   | 8.3 U                   | 8.3 U         | 8.3 U                   | 8.3 U                      | 8.3 U                   | 8.3 U                      | 8.3 U                          | 8.3 U        |
| WPO-SD-017A | S2416                 | 66 U     | 66 U          | 6.6 U   | 6.6 U                   | 6.6 U         | 9.2 M                   | 54.4                       | 9.0 M                   | 6.6 U                      | 6.6 U                          | 6.6 U        |
| WPO-SD-017B | S2417                 | 71 U     | 71 U          | 7.1 U   | 7.1 U                   | 7.1 U         | 49.5                    | 152                        | 43.0                    | 7.1 U                      | 7.1 U                          | 7.1 U        |
| WPO-SD-021  | S2418                 | 62 U     | 62 U          | 6.2 U   | 6.2 U                   | 6.2 U         | 6.2 U                   | 6.2 U                      | 6.2 U                   | 6.2 U                      | 6.2 U                          | 6.2 U        |
| WPO-SD-022  | S2419                 | 85 U     | 85 U          | 8.5 U   | 8.5 U                   | 8.5 U         | 8.5 U                   | 8.5 U                      | 8.5 U                   | 8.5 U                      | 8.5 U                          | 8.5 U        |
| WPO-SD-028  | S2420                 | 78 U     | 78 U          | 7.8 U   | 7.8 U                   | 7.8 U         | 7.8 U                   | 7.8 U                      | 7.8 U                   | 7.8 U                      | 7.8 U                          | 7.8 U        |
| FIELD BLANK | S2478                 | 45 U     | 45 U          | 4.5 U   | 4.5 U                   | 4.5 U         | 4.5 U                   | 4.5 U                      | 4.5 U                   | 4.5 U                      | 4.5 U                          | 4.5 U        |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2-CHLOROETHYL-<br>VINYL ETHER | CHLOROFORM | 1,1-DI-<br>CHLOROETHENE | TRANS-1,2 DI-<br>CHLOROETHENE | 1,2-DI-<br>CHLOROPROPANE | TRANS-1,3-DI-<br>CHLOROPROPENE | CIS-1,3-DI-<br>CHLOROPROPENE | ETHYLBENZENE | METHYLENE<br>CHLORIDE | CHLOROMETHANE |
|-------------|-----------------------|-------------------------------|------------|-------------------------|-------------------------------|--------------------------|--------------------------------|------------------------------|--------------|-----------------------|---------------|
| WPO-SD-001  | S2412                 | 6.6 U                         | 6.6 U      | 6.6 U                   | 6.6 U                         | 6.6 U                    | 6.6 U                          | 6.6 U                        | 6.6 U        | 80.2                  | 6.6 U         |
| WPO-SD-002  | S2413                 | 6.4 U                         | 6.4 U      | 6.4 U                   | 6.4 U                         | 6.4 U                    | 6.4 U                          | 6.4 U                        | 6.4 U        | 44.7                  | 6.4 U         |
| WPO-SD-005  | S2410                 | 5.5 U                         | 5.5 U      | 5.5 U                   | 5.5 U                         | 5.5 U                    | 5.5 U                          | 5.5 U                        | 5.5 U        | 17.9 M                | 5.5 U         |
| WPO-SD-008  | S2411                 | 7.5 U                         | 7.5 U      | 7.5 U                   | 7.5 U                         | 7.5 U                    | 7.5 U                          | 7.5 U                        | 7.5 U        | 20.0 M                | 7.5 U         |
| WPO-SD-010  | S2414                 | 7.5 U                         | 7.5 U      | 7.5 U                   | 7.5 U                         | 7.5 U                    | 7.5 U                          | 7.5 U                        | 7.5 U        | 28.4 M                | 7.5 U         |
| WPO-SD-015  | S2415                 | 8.3 U                         | 8.3 U      | 8.3 U                   | 8.3 U                         | 8.3 U                    | 8.3 U                          | 8.3 U                        | 8.3 U        | 26.6 M                | 8.3 U         |
| WPO-SD-017A | S2416                 | 6.6 U                         | 6.6 U      | 10.0 M                  | 69.3                          | 6.6 U                    | 6.6 U                          | 6.6 U                        | 14.3 M       | 610                   | 6.6 U         |
| WPO-SD-017B | S2417                 | 7.1 U                         | 23.0 M     | 40.0                    | 344                           | 7.1 U                    | 7.1 U                          | 7.1 U                        | 33.7 M       | 1710                  | 7.1 U         |
| WPO-SD-021  | S2418                 | 6.2 U                         | 6.2 U      | 6.2 U                   | 6.2 U                         | 6.2 U                    | 6.2 U                          | 6.2 U                        | 6.2 U        | 12.4 M                | 6.2 U         |
| WPO-SD-022  | S2419                 | 8.5 U                         | 8.5 U      | 8.5 U                   | 8.5 U                         | 8.5 U                    | 8.5 U                          | 8.5 U                        | 8.5 U        | 20.0 M                | 8.5 U         |
| WPO-SD-028  | S2420                 | 7.8 U                         | 7.8 U      | 7.8 U                   | 7.8 U                         | 7.8 U                    | 7.8 U                          | 7.8 U                        | 7.8 U        | 41.8                  | 7.8 U         |
| FIELD BLANK | S2478                 | 4.5 U                         | 4.5 U      | 4.5 U                   | 4.5 U                         | 4.5 U                    | 4.5 U                          | 4.5 U                        | 4.5 U        | 7.4 M                 | 4.5 U         |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | BROMOMETHANE | BROMOFORM | BROMODICHLORO-<br>METHANE | FLUOROTRICHLO-<br>METHANE | DICHLORODIFLUORO-<br>METHANE | CHLORODIBROMO-<br>METHANE | TETRACHLO-<br>ETHENE | TOLUENE | TRICHLOROETHENE | VINYL CHLORIDE |
|-------------|-----------------------|--------------|-----------|---------------------------|---------------------------|------------------------------|---------------------------|----------------------|---------|-----------------|----------------|
| WPO-SD-001  | S2412                 | 6.6 U        | 6.6 U     | 6.6 U                     | 6.6 U                     | 6.6 U                        | 6.6 U                     | 6.6 U                | 6.6 U   | 6.6 U           | 6.6 U          |
| WPO-SD-002  | S2413                 | 6.4 U        | 6.4 U     | 6.4 U                     | 6.4 U                     | 6.4 U                        | 6.4 U                     | 6.4 U                | 6.4 U   | 6.4 U           | 6.4 U          |
| WPO-SD-005  | S2410                 | 5.5 U        | 5.5 U     | 5.5 U                     | 5.5 U                     | 5.5 U                        | 5.5 U                     | 5.5 U                | 5.5 U   | 5.5 U           | 5.5 U          |
| WPO-SD-008  | S2411                 | 7.5 U        | 7.5 U     | 7.5 U                     | 7.5 U                     | 7.5 U                        | 7.5 U                     | 7.5 U                | 0.2 M   | 7.5 U           | 7.5 U          |
| WPO-SD-010  | S2414                 | 7.5 U        | 7.5 U     | 7.5 U                     | 7.5 U                     | 7.5 U                        | 7.5 U                     | 7.5 U                | 14.9 M  | 7.5 U           | 7.5 U          |
| WPO-SD-015  | S2415                 | 0.3 U        | 0.3 U     | 0.3 U                     | 0.3 U                     | 0.3 U                        | 0.3 U                     | 0.3 U                | 56.0    | 0.3 U           | 0.3 U          |
| WPO-SD-017A | S2416                 | 6.6 U        | 6.6 U     | 6.6 U                     | 6.6 U                     | 6.6 U                        | 6.6 U                     | 6.6 U                | 261     | 900             | 6.6 U          |
| WPO-SD-017B | S2417                 | 7.1 U        | 7.1 U     | 7.1 U                     | 7.1 U                     | 7.1 U                        | 7.1 U                     | 7.1 U                | 668     | 1510            | 16.8 M         |
| WPO-SD-021  | S2418                 | 6.2 U        | 6.2 U     | 6.2 U                     | 6.2 U                     | 6.2 U                        | 6.2 U                     | 6.2 U                | 6.2 U   | 6.2 U           | 6.2 U          |
| WPO-SD-022  | S2419                 | 8.5 U        | 8.5 U     | 8.5 U                     | 8.5 U                     | 8.5 U                        | 8.5 U                     | 8.5 U                | 8.5 U   | 8.5 U           | 8.5 U          |
| WPO-SD-028  | S2420                 | 7.8 U        | 7.8 U     | 7.8 U                     | 7.8 U                     | 7.8 U                        | 7.8 U                     | 7.8 U                | 7.8 U   | 7.8 U           | 7.8 U          |
| FIELD BLANK | S2478                 | 4.5 U        | 4.5 U     | 4.5 U                     | 4.5 U                     | 4.5 U                        | 4.5 U                     | 4.5 U                | 4.5 U   | 4.5 U           | 4.5 U          |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN US/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACETONE | 2-BUTANONE | CARBONDISULFIDE | 2-HEXANONE | 4-METHYL-<br>2-PENTANONE | STYRENE | VINYL ACETATE | TOTAL XYLENES | 2,4,6-TRICHLORO-<br>PHENOL | p-CHLORO-<br>m-CRESOL |
|-------------|-----------------------|---------|------------|-----------------|------------|--------------------------|---------|---------------|---------------|----------------------------|-----------------------|
| WPO-SD-001  | S2412                 | 7.5 M   | 6.6 U      | 6.6 U           | 6.6 U      | 6.6 U                    | 6.6 U   | 6.6 U         | 6.6 U         | 964 U                      | 964 U                 |
| WPO-SD-002  | S2413                 | 23.0 M  | 6.4 U      | 6.4 U           | 6.4 U      | 6.4 U                    | 6.4 U   | 6.4 U         | 6.4 U         | 988 U                      | 988 U                 |
| WPO-SD-005  | S2410                 | 32.0    | 5.5 U      | 5.5 U           | 5.5 U      | 5.5 U                    | 5.5 U   | 5.5 U         | 5.5 U         | 1333 U                     | 1333 U                |
| WPO-SD-008  | S2411                 | 49.1    | 7.5 U      | 7.5 U           | 7.5 U      | 7.5 U                    | 7.5 U   | 7.5 U         | 7.5 U         | 842 U                      | 842 U                 |
| WPO-SD-010  | S2414                 | 19.2 M  | 7.5 U      | 7.5 U           | 7.5 U      | 7.5 U                    | 7.5 U   | 7.5 U         | 7.5 U         | 1356 U                     | 1356 U                |
| WPO-SD-015  | S2415                 | 16.3 M  | 8.3 U      | 8.3 U           | 8.3 U      | 8.3 U                    | 8.3 U   | 8.3 U         | 8.3 U         | 1212 U                     | 1212 U                |
| WPO-SD-017A | S2416                 | 14.0 M  | 6.6 U      | 6.6 U           | 6.6 U      | 6.6 U                    | 6.6 U   | 6.6 U         | 60.2          | 1026 U                     | 1026 U                |
| WPO-SD-017B | S2417                 | 16.0 M  | 7.1 U      | 7.1 U           | 7.1 U      | 7.1 U                    | 7.1 U   | 7.1 U         | 106           | 1039 U                     | 1039 U                |
| WPO-SD-021  | S2418                 | 6.2 U   | 6.2 U      | 6.2 U           | 6.2 U      | 6.2 U                    | 6.2 U   | 6.2 U         | 6.2 U         | 952 U                      | 952 U                 |
| WPO-SD-022  | S2419                 | 14.7 M  | 8.5 U      | 8.5 U           | 8.5 U      | 8.5 U                    | 8.5 U   | 8.5 U         | 8.5 U         | 1194 U                     | 1194 U                |
| WPO-SD-028  | S2420                 | 7.8 U   | 7.8 U      | 7.8 U           | 7.8 U      | 7.8 U                    | 7.8 U   | 7.8 U         | 7.8 U         | 1026 U                     | 1026 U                |
| FIELD BLANK | S2478                 | 4.5 U   | 4.5 U      | 4.5 U           | 4.5 U      | 4.5 U                    | 4.5 U   | 4.5 U         | 4.5 U         | 800 U                      | 800 U                 |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN LB/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2-CHLOROPHENOL | 2,4-DICHLORO-<br>PHENOL | 2,4-DIMETHYL-<br>PHENOL | 2-NITROPHENOL | 4-NITROPHENOL | 2,4-DINITRO-<br>PHENOL | 4,6-DINITRO-<br>2-METHYLPHENOL | PENTA-<br>CHLOROPHENOL | PHENOL | BENZOIC ACID |
|-------------|-----------------------|----------------|-------------------------|-------------------------|---------------|---------------|------------------------|--------------------------------|------------------------|--------|--------------|
| WPO-SD-001  | S2412                 | 964 U          | 964 U                   | 964 U                   | 964 U         | 964 U         | 964 U                  | 964 U                          | 964 U                  | 964 U  | 964 U        |
| WPO-SD-002  | S2413                 | 988 U          | 988 U                   | 988 U                   | 988 U         | 988 U         | 988 U                  | 988 U                          | 988 U                  | 988 M  | 988 U        |
| WPO-SD-005  | S2410                 | 1333 U         | 1333 U                  | 1333 U                  | 1333 U        | 1333 U        | 1333 U                 | 1333 U                         | 1333 U                 | 1333 U | 1333 U       |
| WPO-SD-008  | S2411                 | 842 U          | 842 U                   | 842 U                   | 842 U         | 842 U         | 842 U                  | 842 U                          | 842 U                  | 842 U  | 842 U        |
| WPO-SD-010  | S2414                 | 1356 U         | 1356 U                  | 1356 U                  | 1356 U        | 1356 U        | 1356 U                 | 1356 U                         | 1356 U                 | 1356 U | 1356 U       |
| WPO-SD-015  | S2415                 | 1212 U         | 1212 U                  | 1212 U                  | 1212 U        | 1212 U        | 1212 U                 | 1212 U                         | 1212 U                 | 1212 U | 1212 U       |
| WPO-SD-017A | S2416                 | 1026 U         | 1026 U                  | 1026 U                  | 1026 U        | 1026 U        | 1026 U                 | 1026 U                         | 1026 U                 | 1026 U | 1026 U       |
| WPO-SD-017B | S2417                 | 1039 U         | 1039 U                  | 1039 U                  | 1039 U        | 1039 U        | 1039 U                 | 1039 U                         | 1039 U                 | 1455 M | 1039 U       |
| WPO-SD-021  | S2418                 | 952 U          | 952 U                   | 952 U                   | 952 U         | 952 U         | 952 U                  | 952 U                          | 952 U                  | 952 U  | 952 U        |
| WPO-SD-022  | S2419                 | 1194 U         | 1194 U                  | 1194 U                  | 1194 U        | 1194 U        | 1194 U                 | 1194 U                         | 1194 U                 | 1194 U | 1194 U       |
| WPO-SD-028  | S2420                 | 1026 U         | 1026 U                  | 1026 U                  | 1026 U        | 1026 U        | 1026 U                 | 1026 U                         | 1026 U                 | 1026 U | 1026 U       |
| FIELD BLANK | S2478                 | 800 U          | 800 U                   | 800 U                   | 800 U         | 800 U         | 800 U                  | 800 U                          | 800 U                  | 800 U  | 800 U        |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 2-METHYLPHENOL | 4-METHYLPHENOL | 2,4,5-TRICHLORO-<br>PHENOL | ACENAPHTHENE | BENZIDINE | 1,2,4-TRICHLORO-<br>BENZENE | HEXA-<br>CHLOROBENZENE | HEXA-<br>CHLOROETHANE | bis<br>(2-CHLOROETHYL)<br>ETHER | 2-CHLORO-<br>NAPHTHALENE |
|-------------|-----------------------|----------------|----------------|----------------------------|--------------|-----------|-----------------------------|------------------------|-----------------------|---------------------------------|--------------------------|
| WPO-SD-001  | S2412                 | 964 U          | 964 U          | 964 U                      | 482 U        | 482 U     | 482 U                       | 482 U                  | 482 U                 | 482 U                           | 482 U                    |
| WPO-SD-002  | S2413                 | 988 U          | 988 U          | 988 U                      | 494 U        | 494 U     | 494 U                       | 494 U                  | 494 U                 | 494 U                           | 494 U                    |
| WPO-SD-005  | S2410                 | 1333 U         | 1333 U         | 1333 U                     | 444 U        | 444 U     | 444 U                       | 444 U                  | 444 U                 | 444 U                           | 444 U                    |
| WPO-SD-008  | S2411                 | 842 U          | 842 U          | 842 U                      | 2113         | 421 U     | 421 U                       | 421 U                  | 421 U                 | 421 U                           | 421 U                    |
| WPO-SD-010  | S2414                 | 1356 U         | 1356 U         | 1356 U                     | 678 U        | 678 U     | 678 U                       | 678 U                  | 678 U                 | 678 U                           | 678 U                    |
| WPO-SD-015  | S2415                 | 1212 U         | 1212 U         | 1212 U                     | 606 U        | 606 U     | 606 U                       | 606 U                  | 606 U                 | 606 U                           | 606 U                    |
| WPO-SD-017A | S2416                 | 1026 U         | 1026 U         | 1026 U                     | 513 U        | 513 U     | 513 U                       | 513 U                  | 513 U                 | 513 U                           | 513 U                    |
| WPO-SD-017B | S2417                 | 1039 U         | 1039 U         | 1039 U                     | 519 U        | 519 U     | 519 U                       | 519 U                  | 519 U                 | 519 U                           | 519 U                    |
| WPO-SD-021  | S2418                 | 952 U          | 952 U          | 952 U                      | 476 U        | 476 U     | 476 U                       | 476 U                  | 476 U                 | 476 U                           | 476 U                    |
| WPO-SD-022  | S2419                 | 1194 U         | 1194 U         | 1194 U                     | 597 U        | 597 U     | 597 U                       | 597 U                  | 597 U                 | 597 U                           | 597 U                    |
| WPO-SD-028  | S2420                 | 1026 U         | 1026 U         | 1026 U                     | 513 U        | 513 U     | 513 U                       | 513 U                  | 513 U                 | 513 U                           | 513 U                    |
| FIELD BLANK | S2478                 | 800 U          | 800 U          | 800 U                      | 400 U        | 400 U     | 400 U                       | 400 U                  | 400 U                 | 400 U                           | 400 U                    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
N = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPM) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 1,2-DICHLORO-<br>BENZENE | 1,3-DICHLORO-<br>BENZENE | 1,4-DICHLORO-<br>BENZENE | 3,3-DICHLORO-<br>BENZIDINE | 2,4-DINITRO-<br>TOLUENE | 2,6-DINITRO-<br>TOLUENE | 1,2-DIPHENYL-<br>HYDRAZINE | FLUORANTHENE | 4-CHLOROPHENYL<br>PHENYL ETHER | 4-BROMOPHENYL<br>PHENYL ETHER |
|-------------|-----------------------|--------------------------|--------------------------|--------------------------|----------------------------|-------------------------|-------------------------|----------------------------|--------------|--------------------------------|-------------------------------|
| WPO-SD-001  | S2412                 | 482 U                    | 482 U                    | 482 U                    | 482 U                      | 482 U                   | 482 U                   | 482 U                      | 482 U        | 482 U                          | 482 U                         |
| WPO-SD-002  | S2413                 | 494 U                    | 494 U                    | 494 U                    | 494 U                      | 494 U                   | 494 U                   | 494 U                      | 494 U        | 494 U                          | 494 U                         |
| WPO-SD-005  | S2410                 | 444 U                    | 444 U                    | 444 U                    | 444 U                      | 444 U                   | 444 U                   | 444 U                      | 444 U        | 444 U                          | 444 U                         |
| WPO-SD-008  | S2411                 | 421 U                    | 421 U                    | 421 U                    | 421 U                      | 421 U                   | 421 U                   | 421 U                      | 2046 M       | 421 U                          | 421 U                         |
| WPO-SD-010  | S2414                 | 678 U                    | 678 U                    | 678 U                    | 678 U                      | 678 U                   | 678 U                   | 678 U                      | 678 U        | 678 U                          | 678 U                         |
| WPO-SD-015  | S2415                 | 606 U                    | 606 U                    | 606 U                    | 606 U                      | 606 U                   | 606 U                   | 606 U                      | 606 U        | 606 U                          | 606 U                         |
| WPO-SD-017A | S2416                 | 513 U                    | 513 U                    | 513 U                    | 513 U                      | 513 U                   | 513 U                   | 513 U                      | 513 U        | 513 U                          | 513 U                         |
| WPO-SD-017B | S2417                 | 519 U                    | 519 U                    | 519 U                    | 519 U                      | 519 U                   | 519 U                   | 519 U                      | 519 U        | 519 U                          | 519 U                         |
| WPO-SD-021  | S2418                 | 476 U                    | 476 U                    | 476 U                    | 476 U                      | 476 U                   | 476 U                   | 476 U                      | 476 U        | 476 U                          | 476 U                         |
| WPO-SD-022  | S2419                 | 597 U                    | 597 U                    | 597 U                    | 597 U                      | 597 U                   | 597 U                   | 597 U                      | 597 U        | 597 U                          | 597 U                         |
| WPO-SD-020  | S2420                 | 513 U                    | 513 U                    | 513 U                    | 513 U                      | 513 U                   | 513 U                   | 513 U                      | 513 U        | 513 U                          | 513 U                         |
| FIELD BLANK | S2478                 | 400 U                    | 400 U                    | 400 U                    | 400 U                      | 400 U                   | 400 U                   | 400 U                      | 400 U        | 400 U                          | 400 U                         |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN US/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | bis-<br>(2-CHLOROISOPROPYL)<br>ETHER | bis-<br>(2-CHLOROETHOXY)<br>METHANE | HEXACHLORO-<br>BUTADIENE | HEXACHLORO-<br>CYCLO-<br>PENTADIENE | ISOPHORONE | NAPHTHALENE | NITROBENZENE | N-NITROSODI-<br>PHENYLAMINE | N-NITROSODI-<br>PROPYLAMINE | bis-<br>(2-ETHYLHEXYL)<br>PHTHALATE |
|-------------|-----------------------|--------------------------------------|-------------------------------------|--------------------------|-------------------------------------|------------|-------------|--------------|-----------------------------|-----------------------------|-------------------------------------|
| WPO-SD-001  | S2412                 | 482 U                                | 482 U                               | 482 U                    | 482 U                               | 482 U      | 482 U       | 482 U        | 482 U                       | 482 U                       | 482 U                               |
| WPO-SD-002  | S2413                 | 494 U                                | 494 U                               | 494 U                    | 494 U                               | 494 U      | 494 M       | 494 U        | 494 U                       | 494 U                       | 494 U                               |
| WPO-SD-005  | S2410                 | 444 U                                | 444 U                               | 444 U                    | 444 U                               | 444 U      | 444 U       | 444 U        | 444 U                       | 444 U                       | 444 U                               |
| WPO-SD-008  | S2411                 | 421 U                                | 421 U                               | 421 U                    | 421 U                               | 421 U      | 2703        | 421 U        | 421 U                       | 421 U                       | 421 U                               |
| WPO-SD-010  | S2414                 | 678 U                                | 678 U                               | 678 U                    | 678 U                               | 678 U      | 678 U       | 678 U        | 678 U                       | 678 U                       | 3257 M                              |
| WPO-SD-015  | S2415                 | 606 U                                | 606 U                               | 606 U                    | 606 U                               | 606 U      | 606 U       | 606 U        | 606 U                       | 606 U                       | 3564                                |
| WPO-SD-017A | S2416                 | 513 U                                | 513 U                               | 513 U                    | 513 U                               | 513 U      | 513 U       | 513 U        | 513 U                       | 513 U                       | 513 U                               |
| WPO-SD-017B | S2417                 | 519 U                                | 519 U                               | 519 U                    | 519 U                               | 519 U      | 519 U       | 519 U        | 519 U                       | 519 U                       | 519 U                               |
| WPO-SD-021  | S2418                 | 476 U                                | 476 U                               | 476 U                    | 476 U                               | 476 U      | 476 U       | 476 U        | 476 U                       | 476 U                       | 857 M                               |
| WPO-SD-022  | S2419                 | 597 U                                | 597 U                               | 597 U                    | 597 U                               | 597 U      | 597 U       | 597 U        | 597 U                       | 597 U                       | 597 U                               |
| WPO-SD-028  | S2420                 | 513 U                                | 513 U                               | 513 U                    | 513 U                               | 513 U      | 513 U       | 513 U        | 513 U                       | 513 U                       | 513 U                               |
| FIELD BLANK | S2478                 | 400 U                                | 400 U                               | 400 U                    | 400 U                               | 400 U      | 400 U       | 400 U        | 400 U                       | 400 U                       | 400 U                               |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE RI  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | BENZYL BUTYL<br>PHTHALATE | DI-N-BUTYL<br>PHTHALATE | DI-N-OCTYL<br>PHTHALATE | DIETHYL<br>PHTHALATE | DIMETHYL<br>PHTHALATE | BENZO(a)-<br>ANTHRACENE | BENZO(a)-<br>PYRENE | BENZO(b)-<br>FLUORANTHENE | BENZO(k)-<br>FLUORANTHENE | CHRYSENE |
|-------------|-----------------------|---------------------------|-------------------------|-------------------------|----------------------|-----------------------|-------------------------|---------------------|---------------------------|---------------------------|----------|
| WPO-SD-001  | S2412                 | 482 U                     | 482 U                   | 482 U                   | 482 U                | 482 U                 | 482 U                   | 482 U               | 482 U                     | 482 U                     | 482 U    |
| WPO-SD-002  | S2413                 | 494 U                     | 494 U                   | 494 U                   | 494 U                | 494 U                 | 494 U                   | 494 U               | 494 U                     | 494 U                     | 494 U    |
| WPO-SD-005  | S2410                 | 444 U                     | 444 U                   | 444 U                   | 444 U                | 444 U                 | 444 U                   | 444 U               | 444 U                     | 444 U                     | 444 U    |
| WPO-SD-008  | S2411                 | 421 U                     | 421 U                   | 421 U                   | 421 U                | 421 U                 | 421 U                   | 421 U               | 421 U                     | 421 U                     | 1574 M   |
| WPO-SD-010  | S2414                 | 678 U                     | 678 U                   | 678 U                   | 678 U                | 678 U                 | 678 U                   | 678 U               | 678 U                     | 678 U                     | 678 U    |
| WPO-SD-015  | S2415                 | 606 U                     | 606 U                   | 606 U                   | 606 U                | 606 U                 | 606 U                   | 606 U               | 606 U                     | 606 U                     | 606 U    |
| WPO-SD-017A | S2416                 | 513 U                     | 513 U                   | 513 U                   | 513 U                | 513 U                 | 513 U                   | 513 U               | 513 U                     | 513 U                     | 513 U    |
| WPO-SD-017B | S2417                 | 519 U                     | 519 U                   | 519 U                   | 519 U                | 519 U                 | 519 U                   | 519 U               | 519 U                     | 519 U                     | 519 U    |
| WPO-SD-021  | S2418                 | 476 U                     | 476 U                   | 476 U                   | 476 U                | 476 U                 | 476 U                   | 476 U               | 476 U                     | 476 U                     | 476 U    |
| WPO-SD-022  | S2419                 | 597 U                     | 597 U                   | 597 U                   | 597 U                | 597 U                 | 597 U                   | 597 U               | 597 U                     | 597 U                     | 597 U    |
| WPO-SD-028  | S2420                 | 513 U                     | 513 U                   | 513 U                   | 513 U                | 513 U                 | 513 U                   | 513 U               | 513 U                     | 513 U                     | 513 U    |
| FIELD BLANK | S2478                 | 400 U                     | 400 U                   | 400 U                   | 400 U                | 400 U                 | 400 U                   | 400 U               | 400 U                     | 400 U                     | 400 U    |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

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Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPM) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | ACENAPHTHYLENE | ANTHRACENE | BENZO(ghi)-<br>PERYLENE | FLUORENE | PHENANTHRENE | DIBENZO(a,h)-<br>ANTHRACENE | INDENO(1,2,3-cd)<br>PYRENE | PYRENE | ANTILINE | BENZYL<br>ALCOHOL |
|-------------|-----------------------|----------------|------------|-------------------------|----------|--------------|-----------------------------|----------------------------|--------|----------|-------------------|
| WPO-SD-001  | S2412                 | 482 U          | 482 U      | 482 U                   | 482 U    | 482 U        | 482 U                       | 482 U                      | 482 U  | 482 U    | 482 U             |
| WPO-SD-002  | S2413                 | 494 U          | 494 U      | 494 U                   | 494 U    | 494 U        | 494 U                       | 494 U                      | 494 U  | 494 U    | 494 U             |
| WPO-SD-005  | S2410                 | 444 U          | 444 U      | 444 U                   | 444 U    | 444 U        | 444 U                       | 444 U                      | 444 U  | 444 U    | 444 U             |
| WPO-SD-008  | S2411                 | 421 U          | 421 U      | 421 U                   | 1638 M   | 10962        | 421 U                       | 421 U                      | 2589   | 421 U    | 421 U             |
| WPO-SD-010  | S2414                 | 678 U          | 678 U      | 678 U                   | 678 U    | 678 U        | 678 U                       | 678 U                      | 678 U  | 678 U    | 678 U             |
| WPO-SD-015  | S2415                 | 686 U          | 686 U      | 686 U                   | 686 U    | 686 U        | 686 U                       | 686 U                      | 686 U  | 686 U    | 686 U             |
| WPO-SD-017A | S2416                 | 513 U          | 513 U      | 513 U                   | 513 U    | 513 U        | 513 U                       | 513 U                      | 513 U  | 513 U    | 513 U             |
| WPO-SD-017B | S2417                 | 519 U          | 519 U      | 519 U                   | 519 U    | 519 U        | 519 U                       | 519 U                      | 519 U  | 519 U    | 519 U             |
| WPO-SD-021  | S2418                 | 476 U          | 476 U      | 476 U                   | 476 U    | 476 U        | 476 U                       | 476 U                      | 476 U  | 476 U    | 476 U             |
| WPO-SD-022  | S2419                 | 597 U          | 597 U      | 597 U                   | 597 U    | 597 U        | 597 U                       | 597 U                      | 597 U  | 597 U    | 597 U             |
| WPO-SD-028  | S2420                 | 513 U          | 513 U      | 513 U                   | 513 U    | 513 U        | 513 U                       | 513 U                      | 513 U  | 513 U    | 513 U             |
| FIELD BLANK | S2478                 | 400 U          | 400 U      | 400 U                   | 400 U    | 400 U        | 400 U                       | 400 U                      | 400 U  | 400 U    | 400 U             |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE

29-Mar-84

Table B-8 (Cont'd)

WESTERN PROCESSING  
OFF SITE #1  
SEDIMENT  
ORGANICS ANALYSIS

ALL RESULTS IN UG/KG (PPB) ON A DRY WEIGHT BASIS

| SAMPLE NO.  | TRAFFIC<br>REPORT NO. | 4-CHLORO-<br>ANILINE | DIBENZOFURAN | 2-METHYL-<br>NAPHTHALENE | 2-NITROANILINE | 3-NITROANILINE | 4-NITROANILINE |
|-------------|-----------------------|----------------------|--------------|--------------------------|----------------|----------------|----------------|
| WPO-SD-001  | S2412                 | 482 U                | 482 U        | 482 U                    | 482 U          | 482 U          | 482 U          |
| WPO-SD-002  | S2413                 | 494 U                | 494 U        | 494 U                    | 494 U          | 494 U          | 494 U          |
| WPO-SD-005  | S2410                 | 444 U                | 444 U        | 444 U                    | 444 U          | 444 U          | 444 U          |
| WPO-SD-008  | S2411                 | 421 U                | 3275         | 10651                    | 421 U          | 421 U          | 421 U          |
| WPO-SD-010  | S2414                 | 678 U                | 678 U        | 678 U                    | 678 U          | 678 U          | 678 U          |
| WPO-SD-015  | S2415                 | 686 U                | 686 U        | 686 U                    | 686 U          | 686 U          | 686 U          |
| WPO-SD-017A | S2416                 | 513 U                | 513 U        | 513 U                    | 513 U          | 513 U          | 513 U          |
| WPO-SD-017B | S2417                 | 519 U                | 519 U        | 519 U                    | 519 U          | 519 U          | 519 U          |
| WPO-SD-021  | S2418                 | 476 U                | 476 U        | 476 U                    | 476 U          | 476 U          | 476 U          |
| WPO-SD-022  | S2419                 | 597 U                | 597 U        | 597 U                    | 597 U          | 597 U          | 597 U          |
| WPO-SD-028  | S2420                 | 513 U                | 513 U        | 513 U                    | 513 U          | 513 U          | 513 U          |
| FIELD BLANK | S2478                 | 400 U                | 400 U        | 400 U                    | 400 U          | 400 U          | 400 U          |

LEGEND

U = UNDETECTED AT THE LISTED DETECTION LIMIT  
M = DETECTED BUT NOT QUANTIFIABLE