STROTHER FIELD SUPERFUND SITE COWLEY COUNTY, KANSAS

HISTORICAL DATA COMPILATION AND EVALUATION SUMMARY REPORT

		_
Bite: St	rother	Field
ID#K	5D980	86272
Break:	6.	3
Other:	Alli	ed_
	10-17	-97

Prepared for:

GREIF BROS. CORPORATION

repared by:

ALLIED ENVIRONMENTAL CONSULTANTS, INC.

Draft

Volume I - Text & Tables

AEC File No. 94959-1-3449

October 17, 1997



TABLE OF CONTENTS

1.	INTRODUCTION	1
2.	SITE-WIDE INFORMATION REVIEW 2.1 PREVIOUS REPORTS AND HISTORICAL RECORDS 2.2 DOCUMENT REVIEW 2.3 SITE USE HISTORY 2.3.1 U.S. Army Air Force 2.3.2 City of Arkansas City, Kansas; City of Winfield Kansas; and The Strother Field Commission 2.3.3 General Electric Aircraft Engines 2.3.4 Halliburton 2.3.5 Range Oil 2.3.6 Struthers Thermo-Flood (Smith-Moon Steel, Strother Manufacturing, Energy Plus) 2.3.7 Montgomery Elevator 2.3.8 Cessna Aircraft 2.3.9 Greif Bros. Corporation 2.3.10 Gordon-Piatt Energy Group 2.4 BORING & MONITORING WELL DATA 2.4.1 Summary of Existing Data 2.4.2 Boring / Monitoring Well Completion Assessment 2.5 AVAILABLE GROUND WATER ANALYTICAL AND PIEZOMETRIC SURFACE DATA	10 10 10 10 11 12 12 13 14 14 17 18
	SITE-WIDE DATA EVALUATION 3.1 GEOLOGIC EVALUATION 3.2 GROUND WATER SURFACE EVALUATION 3.3 SOIL CONTAMINANT EVALUATION 3.3.1 1986 Soil Gas Survey 3.3.2 1991 Soil Gas Survey and Laboratory Analyses: 3.3.3 1994 and 1996 Soils Investigations at the Greif Brothers Facilities: 3.4 GROUND WATER CONTAMINANT EVALUATION 3.4.1 1983 KDHE Data: 3.4.2 1984 KDHE Data: 3.4.3 April 1985: 3.4.4 July/August 1985: 3.4.5 1986 KDHE Data Set: 3.4.6 December, 1991 Data Set:	20 20 20 20 20 20 20 20 20 20 20 20 20 2
4.	SUMMARY & ANALYSIS . 4.1 SOURCE AREA SUMMARY 4.2 GROUNDWATER PLUME ANALYSIS	29 29 3
A	PPENDICES	
AF	PPENDIX A - GROUND WATER ANALYTICAL RESULTS SUMMARY TABLE, GERAGHTY & MIL 1984	LER,
	PPENDIX B - GROUND WATER ANALYTICAL RESULTS SUMMARY TABLE, GENERAL ELECTI 1985	RIC,
AF	PPENDIX C - STATISTICAL SUMMARY OF GROUND WATER SAMPLING EVENTS, DONLEY ENVIRONMENTAL, 1991	

List of Tables

- 2-1 Site Occupants
- 2-2 Strother Field Monitoring Well and Boring Information
- 2-3 Geologic Zones Intersected by Strother Field Monitoring Wells
- 2-4 Summary of Chemical Data, KDHE, 5/18/83
- 2-5 Summary of Chemical Data, KDHE, 5/31/83
- 2-6 Summary of Chemical Data, KDHE, March, 1984
- 2-7 Summary of Chemical and Water Level Data, Geraghty & Miller, April, 1985
- 2-8 Summary of Chemical and Water Level Data, General Electric, July-August, 1985
- 2-9 Summary of Chemical Data, KDHE, July-August, 1986
- 2-10 Summary of Chemical and Water Level Data, Donley, December 1991
- 2-11 Greif Area Wells Analytical Summary
- 2-12 Water Level Data, November 15, 1996
- 2-13 Greif Northeast Corner Soils Laboratory Analytical Results
- 2-14 Greif Northeast Corner Soils Field Analytical Results

Figures

4-2A PCE Shallow Zone

PCE Deep Zone TCA Upper Zone

TCA Deep Zone
TVOC Upper Zone

TVOC Deep Zone

4-2B

4-3A 4-3B

4-4A 4-4B

1-1	Site Location Map
2-1	Potential Source Areas
2-2	Well Location Map
3-1	Clay Overburden Isopach Map
3-2	Alluvial Sand Isopach Map
3-3	April, 1985 Ground Water Surface
3-4	October, 1985 Ground Water Surface
3-5	December, 1991 Ground Water Surface
3-6	November, 1996 Ground Water Surface
3-7	1991 Soil Gas Survey '
3-8A	Greif Soil Boring Locations
3-8B	Greif Brothers Northeast corner lower Clay PCE and Plume, based on Lab Analyses
3-8C	Greif Brothers Northeast corner lower Clay PCE and Plume, based on Field Analyses
3-9	May, 1983 Ground Water Analytical Data
3-10A	November, 1983 Ground Water PCE Concentrations
3-10B	November, 1983 Ground Water TCE Concentrations
3-11A	April, 1985 Ground Water PCE Concentrations
3-11B	April, 1985 Ground Water 1,1,1 TCA Concentrations
3-11C	April, 1985 Ground Water TCE Concentrations
3-12A	October, 1985 Ground Water PCE Concentrations
3-12B	October, 1985 Ground Water 1,1,1 TCA Concentrations
3-12C	October, 1985 Ground Water TCE Concentrations
3-13A	August, 1986 Ground Water PCE Concentrations
3-13B	August, 1986 Ground Water 1,1,1 TCA Concentrations
3-13C	August, 1986 Ground Water TCE Concentrations
3-13D	August, 1986 Ground Water TVOC Concentrations
3-14A	December, 1991 Ground Water PCE Concentrations
3-14B	December, 1991 Ground Water 1,1,1 TCA Concentrations
3-14C	December, 1991 Ground Water TCE Concentrations
3-14D	December, 1991 Ground Water TVOC Concentrations
4-1A	TCE Upper Zone
4-1B	TCE Deep Zone

1. INTRODUCTION

Allied Environmental Consultants, Inc. (AEC) has been authorized by Greif Bros. Corporation (Greif) to research, evaluate, and document known source areas and contamination at the Site from a historical perspective. This information will be used to make recommendations regarding the implementation of the remedial actions required by the U.S. Environmental Protection Agency (EPA).

Strother Field Industrial Park is located in Sections 18 and 19, Township 33 South and Range 4 East of the 6th Principle Meridian in Cowley County, Kansas (Figure 1-1). The site was originally developed in 1940 as a municipal airport by the cities of Arkansas City and Winfield, Kansas (Cities). In 1942, the U.S. Army Air Force leased the site from the Cities, and constructed an air base for the purpose of operating a Flight Training School and Fighter Wing Base, with a 4th Echelon Aircraft Maintenance Center. The Army Air Force returned the site to the Cities control in 1946, and the site soon developed into an industrial park. In 1966, the cities established the Strother Field Commission to manage the industrial park.

In August, 1982, the Kansas Department of Health & Environment (KDHE) discovered volatile organic compounds (VOCs) in the water supply wells at the site. The discovery prompted numerous investigations during the ensuing years, including an EPA-mandated Remedial Investigation (RI) in 1991 and the on-going Remedial Design/Remedial Action (RD/RA). The Strother Field Site (Site) was officially added to the National Priorities List (NPL) in May, 1986. The studies conducted at the Site have resulted in the establishment of an extensive monitoring system. Although many samples have been collected and analyzed over the years, there has been no compilation and evaluation of the complete data set.

Given the scope of the project and the nature of the available data, several tasks were required to complete this objective:

- Review the available information to evaluate the monitoring wells and other sampling points to verify the Site geology and monitoring system.
- Review the available information to evaluate water level readings and the many existing surveys to
 establish the piezometric surface through time.
- Review the available information to locate and verify water chemical analyses, and summarize the
 existing groundwater analyses for the entire Site through time.
- Review the available information to locate and verify soil chemical analyses, and summarize the
 existing soils conditions for the entire Site through time.
- Define source areas based on the available data.

This scope of work required an extensive review of available reports and historical data, and the compilation of this information into a usable and verifiable data set upon which to base this evaluation, as described in the following sections.

..*.*

2. SITE-WIDE INFORMATION REVIEW

2.1 PREVIOUS REPORTS AND HISTORICAL RECORDS

Previous soil and ground water investigations and historical information have been reviewed during this evaluation. Potential source areas and available data have been identified through review of these documents. These include (in chronological order):

- 1. Ground Water Survey, Strother Field Airport and Industrial Park, 1965, Layne-Western Company
- 2. Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983
- 3. Strother Field Study, KDHE, March, 1984
- 4. Ground-Water Quality Conditions at the Strother Field Industrial Park, July, 1984, Geraghty & Miller, Inc.
- 5. Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas, Geraghty & Miller, April, 1985
- 6. Long-term Remedial Program at the GE Engine Test Cell, Strother Field, Kansas, General Electric, October, 1985
- 7. KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field, August, 1986.
- B. Hydrogeologic and Ground Water Contamination Investigation, Strother Field Site, July, 1987, Woodward-Clyde Consultants
- 9. Reports of Groundwater Monitoring Well Installation, October 21, 1988, Professional Engineering Consultants, P.A.
- 10. Report for the Remedial Investigation, Strother Field, May, 1992, Donley Environmental Management, Inc.
- 11. Report for the Feasibility Study, Strother Field, July, 1993, Donley Environmental Management, Inc.
- 12. Environmental Site Assessment, Greif Brothers Strother Field Facility, January, 1994, Allied Environmental Consultants, Inc.
- 13. Record of Decision, Strother Field Industrial Park Superfund Site, March, 1994, USEPA
- 14. Third Quarter Sampling of the Ground Water Monitoring System, Greif Bros. Strother Field Facility, August, 1994, Allied Environmental Consultants, Inc.
- 15. Unilateral Administrative Order for the RD/RA, Strother Field Industrial Park Superfund Site, September, 1994, USEPA
- 16. Strother Field Geotechnical Investigation, Allied Environmental Consultants, Inc., January, 1996
- 17. RTDF Data Collection, Strother Field Superfund Site, March, 1996, Allied Environmental Consultants, Inc.
- 18. Northeast Corner Soils Characterization, Greif Bros. Corporation Strother Field Facility, July, 1996, Allied Environmental Consultants, Inc.
- 19. Piezometer Installation and Data Collection, Strother Field, Allied Environmental Consultants, Inc., October, 1996
- 20. Water Level Data Collection, Strother Field, Allied Environmental Consultants, Inc., November, 1996
- 21. Monitoring Well (ST) Installation, Strother Field, Allied Environmental Consultants, Inc., April, 1997.
- 22. ST Well Sampling, Strother Field, Allied Environmental Consultants, Inc., June, 1997
- 23. Preliminary Draft Report, Use of TCE at Strother Army Air Field, 1942-1946, PHR Environmental Consultants, Inc., June, 1997.
- 24. RTDF Bioremediation Consortium Soil and Ground Water Analytical Results, July, 1997.

2.2 DOCUMENT REVIEW

Ground Water Survey. Strother Field Airport and Industrial Park, 1965. Layne-Western Company:

The investigation was conducted for the Strother Field Commission in order to determine the quantity and quality of ground water at the Strother Field Site. Twenty-five test holes and four test wells were drilled and electric-logged by Layne. The test wells and an existing supply well were test pumped to provide data on the aquifer characteristics. Layne concluded that a well field with an average annual yield of approximately 1,440 acre-feet of ground water could be developed with the installation of twelve production wells pumped at 150 gallons per minute, 12 hours per day. Information regarding aquifer properties is available in this document.

Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983: Two inactive solid waste disposal sites were discussed. The north dump site was reportedly closed in 1975. The south dump site, located near the waste water treatment plant, reportedly closed in the early 1970's. The KDHE indicated that both sites were likely used for disposal of industrial wastes. The report did not clarify the exact locations of the dumps, either by description or site drawings.

Analyses of groundwater samples collected at selected water supply wells (SFW Series) by the KDHE in May, 1983, identified chlorinated solvents in the water supply. The KDHE recommended that the water supply wells be discontinued for the purpose of providing drinking water, but allowed the SFW wells to be used for industrial purposes. The Strother Field Commission subsequently installed a second well field along the west and north boundaries of the site. The KDHE also recommended that the Commission undertake a thorough investigation to determine the likely source areas and extent of contamination at the site, including the installation of a monitoring well network. Monitoring wells MW-1 through MW-6 were subsequently installed in September, 1983.

Analytical results for the SFW wells were tabulated in the report, however, no laboratory reports are available. A more complete table of analytical results was found in the Geraghty & Miller report from July, 1984.

Strother Field Study, KDHE, March, 1984: During this study, KDHE installed 13 test holes (AG Series) in October and November, 1983. KDHE also sampled four GE monitoring wells near the GE main facility (GT Series) and six Strother Field monitoring wells (MW-1 through MW-6) at various times from September through December 1983.

KDHE determined that the primary source of groundwater contamination was the GE Test Cell and the pumping influence of the Strother Field supply wells (SFW Series). They found no evidence to indicate contribution of contaminants from either the north or south landfills. The KDHE also found constituents in the groundwater at the former chrome wastewater pond area at the central GE plant and at the Peabody Gordon-Piatt site at the southern-most end of the Site. The KDHE proposed that the contamination at these two sites was the result of migration from the northern portion of the field. They did note an anomaly at the Gordon-Piatt site. The presence of PCE could not be attributed to the GE Test Cell and KDHE recommended further study to determine the source area.

The KDHE determined that there was no threat to the rural water district supply wells (RFW Series) due to the pumping influence of SFW 8 and 9. The report also stated that SFW 1, 8, and 9 were the most consistently pumped wells in the field. In addition, although trace contaminants were detected in private wells at Hackney, concentrations did not exceed the EPA short and long term exposure criteria. The KDHE recommended the further pumping of SFW-8 until an alternative remedial system could be implemented. KDHE found that the majority of the TCE stored on site was at the GE central facility in above-ground tanks, and that the majority of PCE and 1,1,1-TCA storage occurred at the Greif Bros. Facility. KDHE also noted that Halliburton, Gordon-Piatt, and Range Oil have used chlorinated solvents. KDHE recommended a complete hazardous waste survey for all Site occupants.

(-

No laboratory reports, water level measurements, or well completion data is included with this report. Chemical results are hand-plotted on site maps. A more complete table of analytical results was found in a Geraghty & Miller Report dated July, 1984.

Ground-Water Quality Conditions at the Strother Field Industrial Park, Geraghty & Miller, July, 1984: Geraghty & Miller installed and sampled ten new monitoring wells during the investigation (DM-5 through DM-14). The report, prepared on behalf of General Electric, identified the North Landfill; Test Cell Area; one or more sources in the G.E. Operating and Maintenance Area; and the alleged Phantom Dump Area as potential source areas.

Well construction details and a table of analytical results are included with the report. The analytical summary table includes multiple sampling results of selected wells by various entities from 1982 to 1984.

Results of a Hydrogeological Investigation at the Cessna Aircraft Plant. Strother Field. Arkansas City. Kansas. Geraghty & Miller. April. 1985: The investigation included the installation and sampling of 18 monitoring wells (CMW Series). Well construction details, water level measurements, and laboratory analyses are available in this report for selected wells.

Geraghty & Miller did not submit soil samples for VOC analyses but did use an Organic Vapor Analyzer (OVA) to field screen drill cuttings. They detected no VOC vapors in the soils at any of the monitoring well locations. Geraghty & Miller concluded that no major contamination problem existed at the site. The four "hot spots" detected in the ground water were believed to be limited in aerial extent.

Long-term Remedial Program at the General Electric Test Cell. Strother Field. Kansas. October. 1985: The program included a hydrogeological study conducted by Geraghty & Miller for G.E. The objective of the study was to collect data to prepare and implement a remedial plan for ground water contamination at the G.E. Test Cell area. G.E. installed (or accessed) 43 monitoring wells and 116 borings, conducted an air-stripper test, and designed a pilot testing program for a remedial withdrawal well. G.E. collected 136 ground water samples near the test cell, five samples from adjacent areas, and seventeen samples from wells in and south of Hackney. Ground water levels were also collected throughout the site.

G.E. concluded that a narrow, northwest-southeast oriented plume of ground water contamination (VOCs) occurred between the test cell and supply wells SFW-2 and SFW-3. Pumpage of the supply wells prevented off-site movement of the plume and continued pumping of SFW-2 would eventually remove the contaminants. Additional remediation will be accomplished by installing and operating another withdrawal well closer to the source (REM-1). The pilot test indicated that flow rates of 50-75 gpm for REM-1 and 125 gpm for SFW-2 would be sufficient. G.E. also recommended pumping SFW-8 to stabilize ground water flow patterns in the southern portion of the field. Air strippers were subsequently installed at SFW-2, SFW-8, and REM-1.

Water level data and analytical summary tables for the period from 1982 through 1985 are included with the report; however, no laboratory reports were available.

KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field, August, 1986. This set of laboratory reports was compiled by the KDHE during a site-wide sampling event in 1986. The reports were apparently not included in any titled report, and did not include water level measurement data.

Hydrogeologic and Ground Water Contamination Investigation, Woodward-Clyde Consultants, July, 1987: The report states that ground water and soil contamination by VOCs has been confirmed by results of a series of ground water sampling and analysis events and a soil gas survey. Woodward-Clyde based this conclusion on previous sampling investigations; they did not collect additional samples for this study. However, they did have a Soil Gas survey performed by Tracer Research. A total of 24 VOCs were found in the ground water, with the major contaminants identified as TCE, TCA, and DCE. Four potential source areas were identified, as discussed below:

- 1. North Area, including the G.E. Test Cell area. Other possible sources include the north landfill, "phantom dump", and Struther Thermo-Flood.
- Central Area, including the G.E. main complex in the central portion of the site was noted to contain a
 number of closely-spaced source areas. Based on soil gas TCE, TCA, and DCE concentrations, two
 areas west of the main G.E. building have been, and are contributing to, ground water contamination.
 Other source areas could exist, particularly in the northern part of the site near Struther Thermo-Flood
 (TCE in monitoring wells DM-13&14).
- 3. South-central Area, including Cessna, Greif Bros., and Gordon-Piatt.
- 4. The Hackney COOP (carbon tetrachloride).

The majority of the Woodward-Clyde report was devoted to groundwater modeling scenarios.

Report of Groundwater Monitoring Well Installation October 21, 1988, Professional Engineering Consultants, P.A.: On July 28 and 29, 1988, GGP1, GGP2, and GGP3 were installed. The report prepared by Professional Engineering Consultants, P.A. (PEC) concluded that groundwater flow was northeast, towards SFW8. TCE was encountered in GGP1. TCE, PCE, 1,1 DCE, and 1,2 DCE were encountered in GGP2. TCE and PCE were encountered in GGP3. PEC concluded that there was a TCE source south of GGP1.

Report for the Remedial Investigation, Strother Field, Donley Environmental Management, May, 1992. In early 1990, GE entered into an agreement with KDHE to conduct a formal Remedial Investigation and Feasibility Study (RI/FS). The RI was conducted by Donley, and was to consolidate, review, and evaluate the work of previous investigators, then to confirm these results and fill any gaps in our current knowledge of the Site.

The first task of the RI was to examine the available data and develop a strategy to locate source areas. Donley identified 11 potential on-site source areas based on their proximity to known areas of contamination, as well as historical information about chemical and waste management practices. In each of the areas on Strother Field, Donley conducted a soil gas survey to locate zones of elevated VOCs, followed by the collection and analyses of soil samples from the vertical zone which exhibited the highest concentration of VOCs.

Unfortunately, the soil gas survey was not extremely effective in defining groundwater plumes and source areas. The groundwater sampling did not include all wells, or define the conditions in the upper and lower portions of the aquifer. However, the work did meet the minimum requirement for a Remedial Investigation.

Donley compared these results to historical records of past chemical-use practices. From north to south, these source areas included:

Northern Ground-Water Plume:

- the Commission's inactive north landfill.
- the ditch located north of GE's north test cell, and
- the alleged phantom dump.

North-Central Ground-Water Plume:

two former drum storage areas and a loading area at Struthers Thermo-Flood.

Central Ground-Water Plume:

- former discharge lines from GE's hangar building 9, and
- GE's former solvent tank and supply lines to the former vapor degreaser at building 5.

,)

Southern Ground-Water Plume:

- · Greif Brothers' paint waste treatment operation,
- Greif Brothers' loading dock.
- Greif Brothers' degreasing operations and associated solvent storage tank,
- Gordon Piatt's property, and
- the Commission's inactive south landfill.

According to Donley, the ground-water data showed five distinct plumes of VOCs, as indicated above. The major constituents in the north, and north-central plumes were TCE, TCA, and their degradation products. The major constituents in the southern plume were PCE, TCA, TCE, and their degradation products.

Ground water analytical results, soil gas analyses and water level measurements were collected during the RI investigation.

Report for the Feasibility Study, Strother Field, July, 1993, Donley Environmental Management, Inc.: The Feasibility Study (FS) was prepared in association with the Remedial Investigation (1991) and included the following items: the General Response Actions for the Site; the processes used to develop and screen technology options and site-wide Remedial Alternatives; Applicable or Relevant and Appropriate Requirements (ARARs); and a detailed analysis of the approved Remedial Alternatives. The RI and FS reports were reviewed by the USEPA, and used to select the final remedial action as documented in the Record of Decision.

Environmental Site Assessment, Greif Bros. Strother Field Facility. Allied Environmental Consultants. Inc. January. 1994: During the investigation, twenty soil borings (16 outside and 4 inside) the Greif facility were installed. Two monitoring wells, GB1 and GB2 were installed west and south of the plant. Soil samples were collected for both on-site and analytical laboratory analyses. The analytical results indicate that there are two contaminants which exceed the Target Cleanup Levels (TCL) for soils proposed by the United State Environmental Protection Agency (USEPA) in the Record of Decision (ROD).

Elevated PCE concentrations were found in the 5-10 foot and 10-15 foot intervals in a boring placed at the northeast corner of the Greif facility. Elevated Toluene concentrations were found in the 10-15 foot and 15-20 foot intervals in a boring placed at the northwest corner of the Greif facility. No contaminants were found in groundwater samples from GB1 and GB2.

October 17, 1997

Record of Decision, Strother Field Industrial Park Superfund Site, March, 1994, USEPA: The remedy selected by the USEPA (with the approval of the KDHE) included the following components:

- 1. Enhancement of the existing ground water extraction and treatment system by changing the location of one existing withdrawal well and converting three existing monitoring wells to extraction wells with dedicated air strippers.
- 2. Monitoring the ground water treatment system and the ground water contaminant plume throughout the remedial period.
- 3. Performing a soil vapor extraction (SVE) pilot study to determine the feasibility of SVE technology to remediate subsurface soil contamination.
- 4. Monitoring of the SVE system to determine performance and to establish maximum attainable goals.
- 5. Monitoring air emissions from the ground water treatment system and SVE system to ensure worker health and safety and to determine if additional treatment of emissions is necessary.

Third Quarter Sampling of the Ground Water Monitoring System. Greif Bros. Strother Field Facility. August. 1994. Allied Environmental Consultants. Inc.: This report summarized the quarterly sampling events conducted at the Greif facility in February, April, and August 1994. Eight monitoring wells were sampled and analyzed during the quarterly sampling events, including GGP-1, GGP-2, GGP-3, RI-8, MW-4A, MW-4B, MW-10A, and MW-GB2. The data was collected in order to augment conclusions presented in the RI Report concerning the ground water contaminant concentrations and the piezometric surface in the vicinity of the Greif facility.

<u>Unilateral Administrative Order for the RD/RA. Strother Field Industrial Park Superfund Site. September.</u> 1994, <u>USEPA</u>: The Order was issued by the USEPA to direct the PRPs to perform the remedial design as specified in the ROD and to implement the design by performing the prescribed remedial action. The PRPs were identified as the Cities of Arkansas City and Winfield, Energy Plus, General Electric, Gordon-Piatt Energy Group, Greif Bros. Corporation, Montgomery Elevator, Strother Field Commission, and Struthers Thermo-Flood.

Strother Field Geotechnical Investigation. Allied Environmental Consultants, Inc., January, 1996: The study was authorized by the PRP Group to provide additional information concerning the subsurface soil conditions near the proposed soil remediation areas, including the northeast and northwest corners of the Greif facility and two locations along the east side of GE Building 5. The information was used to evaluate several potential remedial techniques, including soil vapor extraction and bioremediation.

Shelby tube samples were collected at the four locations and submitted to a geotechnical laboratory. Test parameters, with the range of results in parentheses, are as follows: moisture content (21.9 to 26.1%), hydraulic conductivity (2.6 x 10^{-7} to 9.6 x 10^{-9} cm/sec), density (98.1 to 106.1 pcf), and void ratio (0.589 to 0.718).

RTDF Data Collection, Strother Field Superfund Site, Allied Environmental Consultants, Inc., March, 1996: A limited soil vapor extraction (SVE) pilot study was conducted at the Site to determine air permeability properties of the in-situ silty clay soils. A portable extraction system utilizing a rotary vane-type vacuum pump was employed near the northwest corner of the Greif facility for a 6-hour test under varying vacuum rates. Results of the study indicate a negligible flow rate of 2-6 cfm. A limited SVE pilot study was also conducted near the G.E. Test Cell with similar results.

Northeast Corner Soils Characterization. Greif Bros. Strother Field Facility. Allied Environmental Consultants, Inc., July, 1996: The data collected during this investigation was used to define how much soil (vertically and horizontally) would have to be removed or treated, should a remedial action be contemplated. During the investigation, some soil samples were analyzed using field analytical equipment, with verification of selected samples at certified analytical laboratories. Data was reviewed and mapped for the three primary constituents of concern at each 5-foot interval using the laboratory data.

<u>Piezometer Installation and Data Collection, Strother Field. Allied Environmental Consultants. Inc.</u>
<u>October, 1996</u>: The project was authorized by the PRP Group and included the installation of eleven piezometers along the east side of the Site. Following the installation of the piezometers, ground water levels were collected throughout the Site in order to map the piezometric surface and demonstrate hydraulic containment at the Site.

1 .:

Water Level Data Collection. Strother Field. Allied Environmental Consultants. Inc., November, 1996. During this project, water levels were collected throughout the site in order to determine the piezometric surface.

Monitoring Well (ST) Installation. Strother Field. Allied Environmental Consultants. Inc., April, 1997: The PRP Group authorized the installation of three stainless steel monitoring wells along the east side of the Site to provide additional sampling points and to demonstrate containment at the Site. Stainless steel materials were utilized to address the concern that vinyl chloride concentrations detected in the ground water may be attributable in part to deterioration of PVC well materials. During this project, water levels were again collected throughout the site in order to determine the piezometric surface.

ST Well Sampling. Strother Field. Allied Environmental Consultants. Inc., June, 1997: During this project, the three recently installed stainless steel monitoring wells were purged (using a micro-purge pump) and sampled at three distinct depths in each well (4, 10, and 18 feet below static water level). The method 8260 analyses found no concentrations of VOC constituents above laboratory detection limits in any of the wells.

Preliminary Draft Report. Use of TCE at Strother Army Air Field. 1942-1946. PHR Environmental Consultants. Inc. June. 1997: PHR investigated the historical use of TCE as a degreasing solvent by the Army at the Site from 1942 to 1944. The results of this investigation have been summarized in Section 2.3.1.

RTDF Bioremediation Consortium Soil and Ground Water Analytical Results, RTDF Consortium, July, 1997: The RTDF Bioremediation Consortium findings indicate a limited degradation of TCE to Dichloroethylene (DCE) in unamended and control treatments of microcosm studies. Microcosm treatments fed lactate, benzoate, propylene glycol + glutamic acid (PG+GA), and butyrate largely degraded to ethene. Molasses gave only partial dechlorination to a mixture of DCE and vinyl chloride (VC).

The report also stated that microbes present at the Site are capable of reductive dechlorination when stimulated with the addition of substrates such as lactate, benzoate, PG+GA, and butyrate. Repeated feedings of substrate and TCE to enrichment bottles with soil resulted in conversion of TCE to ethene in as little as two weeks. Liquid cultures capable of transforming TCE to ethene developed from enrichments fed acetate, lactate, and PG+GA.

Other findings indicate complete dehalogenation activity (TCE to ethene) was observed in a column containing soil from Strother Field in 130 to 170 days without inoculation. The Strother culture can tolerate and completely dehalogenate TCE at feed concentrations of at least 108 mg/L TCE.

2.3 SITE USE HISTORY

The site was originally developed in 1940 as a municipal airport by the cities of Arkansas City and Winfield, under the management of the Cities. The U.S. Army Air Force (Army) leased the site from the Cities, and operated a flight training school and fighter wing base with a fourth echelon aircraft maintenance center from 1942 to 1946. Following the Army's departure, the site was soon developed into an industrial park by the Cities.

A historical listing of Strother Field tenants, compiled by Donley Environmental Management (Donley) in the 1991 Remedial Investigation (RI) Report, has been re-produced as Table 2-1. Many of the tenants listed in Table 2-1 have been identified as potential contributors to the groundwater contamination.

These suspected potentially responsible parties (PRPs) have been identified primarily through the 1994 Unilateral Administrative Order (UAO) and the 1991 RI report. The UAO identified the following PRPs: City of Arkansas City, Kansas; City of Winfield, Kansas; Energy Plus, Inc.; General Electric Company; Gordon-Piatt Energy Group, Inc.; Greif Brothers Corporation; Montgomery Elevator Company; Strother Field Commission; and the Struthers Thermo-Flood Corporation. The RI Report identified the following PRPs: City of Arkansas City, Kansas; City of Winfield, Kansas; General Electric Company; Gordon-Piatt Energy Group, Inc.; Greif Brothers Corporation; Strother Field Commission; and the Struthers Thermo-Flood Corporation.

Brief descriptions of the histories and chemical usage practices of these occupants have been summarized in the following sections. Each of the areas discussed are shown on Figure 2-1, and are numbered from north to south. Based on the information found in other past reports, Cessna Aircraft, the Army, Halliburton, and Range Oil have been included.

2.3.1 U.S. Army Air Force

The US Army Air Force constructed an air base at the Strother Field municipal airport in 1942, which it operated as a basic flight training school and fighter wing base until 1945. The Army returned the field, with improvements, to the Cities in 1946. The Cities have since developed the site into the present industrial park.

US Army Air Force activities at the site included aircraft maintenance and support, as well as personnel housing and recreation. The majority of the Army's industrial activities were centered around the aircraft parking apron and the area south of the present General Electric facility. The central part of the field was used for hangars, barracks, classrooms, and offices. The land to the south, including the present Greif Bros. property, was utilized for aircraft repair, hangars, vehicle maintenance, machine shops, and an ordinance depot. The main fuel depot was apparently located at the southwest corner of the field, west of the Greif Bros. site. The Army constructed the North Landfill (Area 1 on Figure 2-1) and the South Landfill (Area 27 on Figure 2-1) in 1942.

US Army Air Force chemical usage records have primarily been obtained from the "Preliminary Draft Report, Use of TCE at Strother Army Air Field, 1942-1946" prepared by PHR Environmental Consultants, Inc. The report includes copies of Army Air Force technical manuals which recommend the use of gásoline, kerosene, naphtha, mineral spirits, carbon tetrachloride, or trichloroethylene (TCE) for use in degreasing operations. Also included in the report are orders issued at Strother Field prohibiting use of gasoline and carbon tetrachloride as de-greasers due to health and safety considerations.

The structures which are suspected of containing chlorinated compounds are the Ordinance Area (Area 26 on Figure 2-1); the Base Engineering, Maintenance, and Inspection Building - also referred to as the Sub-Depot Hangar (Area 17 on Figure 2-1); the Base Engineering Shop (Area 18 on Figure 2-1); the Paint-O-Dope Building (Area 16 on Figure 2-1), and the Reclamation Yard (Area 15 on Figure 2-1) immediately to the northwest of the Paint-O Dope building. Potable degreasing units were reportedly dised in the flight line hangars which have been incorporated into adding structures (Areas / and 12 on Figure 2-1).

The Army Air Force utilized three 12,000-gallon UST's for storage of "airplane oil". One 185,108-gallon AST was used to store 87-octane gasoline. One 25,108-gallon AST was used to store 91-octane gasoline. A portion of the 25,108-gallon tank was later partitioned to store 100-octane gasoline.

2.3.2 City of Arkansas City, Kansas; City of Winfield Kansas; and The Strother Field Commission

The Cities managed operations of the field beginning in 1940. When the Army deactivated the Site in 1946, the Cities resumed management. The Strother Field Commission (Commission) was formed in 1966 to manage the field. An area on the Commission's property known as the Phantom Dump (Area 3 on Figure 2-1) was reported from KDHE sources in a July, 1984 Geraghty & Miller report. This was also the location of the firing range, which may have been mistaken for a dump area. The existence of this dump has never been substantiated.

According to the RI Report, the South Landfill was used with the Commission's consent until 1971. The North Landfill was then re-opened and operated until 1975. There is evidence to suggest that the North Landfill was used through 1975, as well. The alleged Phantom Dump was reportedly used between 1957 and 1966.

2.3.3 General Electric Aircraft Engines

General Electric began operations at Strother Field in 1951, occupying a former Army hangar along the west-central portion of the site. The RI Report identified a degreaser which was used in the southwest corner of Building 5 (Area 11 on Figure 2-1), and later relocated to the northern portion of Building 5 (Area 10 on Figure 2-1). TCE, TCA and PCE were identified in these areas during the RI.

GE also operated an oil/water separator and waste oil tank located on the west side of Building 9 (Area 12 on Figure 2-1). 1,1-DCE and TCA were identified in this area during the RI.

The G.E. Jet Engine Test Cell (Area 2 on Figure 2-1) was constructed at the north end of the field in the late 1960's. In 1985, G.E. began leasing a 20 acre parcel of land to the south of their main facility that was previously occupied by Cessna Aircraft.

According to the RI Report, G.E. has used various chemicals for cleaning metal parts, stripping paint, and re-applying paint. Major chemical constituents have included 1,1,1-TCA; TCE; chloroflourocarbons; methylene chloride; orthodichlorobenzene; sodium cresylate; BTXE; MEK; nitric acid; and alkaline salts. G.E. switched degreasing compounds from TCE to TCA in approximately 1983. G.E. is categorized as a large quantity generator of hazardous waste.

G.E. has utilized at least 12 UST's between 1960 and 1980 for the purpose of storing jet fuel and gasoline. From 1990 to 1991, G.E. removed the UST's under KDHE oversight and replaced them with ASTs.

2.3.4 Halliburton

Halliburton Services began operations at the Site in 1975, utilizing facilities at the northern end of the field that are presently occupied by Coon Concrete Products (Area 4 on Figure 2-1). The property is apparently directly east and adjacent to the former Phantom Dump area. Halliburton is an oilfield service company, engaging in drilling and production services.

Halliburton's operations at the site resulted in a classification as a small quantity generator of hazardous waste. According to the RI Report, the company acknowledged using small quantities of chlorinated hydrocarbon degreasing solvent. The waste solvent was reportedly disposed of by mixing with waste oil for off-site disposal by an outside contractor. Halliburton also utilized two 10,000-gallon USTs which were installed in 1977 for gasoline and diesel storage.

2.3.5 Range Oil

Range Oil began operations at Strother Field in 1977 at facilities situated at the north end of the field (Area 5 on Figure 2-1), directly east of the Halliburton property. Range Oil is also an oilfield service company, engaged in oil and gas exploration and oilfield supplies.

According to the RI Report, Range Oil has used a hydrocarbon degreasing solvent. The solvent (Stoddard Solvent) was stored in a 300-gallon above-ground storage tank (AST). Range Oil reportedly disposed of the waste solvent by dumping it on the ground along their fence lines. Range Oil has also utilized three 2,000-gallon USTs which were installed in 1977. One tank was used for diesel fuel storage and the other two for gasoline storage. The RI Report also noted that the facility was the site of eight fires during the period of 1982-1989, requiring the assistance of the local fire department. The 1984 KDHE report also stated that Range Oil utilized an underground concrete holding tank to contain wash water from their truck repair garage. The report did not specify the final disposal method for the wash water.

2.3.6 Struthers Thermo-Flood (Smith-Moon Steel, Strother Manufacturing, Energy Plus)

In 1951, Smith-Moon Steel Corporation occupied the facility at the north end of the field. In 1965, Smith-Moon was acquired by Struthers Wells Corporation and continued operations as Struthers Thermo-Flood, a subsidiary corporation. In 1987, Crown Anderson, Inc. purchased Struthers Thermo-Flood, which terminated operations in 1990, and was liquidated in bankruptcy in 1992. In 1994, Struthers-Wells filed for chapter 11 bankruptcy. In 1990, the buildings were leased to Strother Manufacturing, which subsequently vacated the site in 1991. In 1992, Energy Plus leased the site.

The various entities have manufactured process heaters, waste heat boilers, pressure vessels, and large heat exchangers. Please refer to Area 7 on Figure 2-1.

In November, 1989, at the request of the KDHE, Struthers submitted a list of chemicals currently in use at the site. The list included acetone, benzene, Barsol solvent (D-1150 and D-2402), dimethyl benzene, ethyl acetate, ethyl benzene, formaldehyde, glycol, ketone, lacquer thinner, methyl benzene, MEK, methyl toluene, naptha, naphthene, toluene, and xylene. The business was classified as a small quantity generator of hazardous waste. TCA, TCE and PCE were identified in this area during the RI.

According to KDHE records, a 1,500-gallon diesel fuel UST was installed in 1981 and removed in 1989. The Donley RI Report referenced an environmental assessment conducted at the site by SCS Engineers in March, 1990. The SCS report identified five potential areas of concern, including: the AST area near the southwest corner of the site; the eastern wall of the rail car entrance to the old hangar; a suspected dump site along the northern property line; an area of metallic debris west of the sandblasting building; and the former UST location.

A letter from Donley to the KDHE in April, 1993, summarized a report prepared for Struthers by Terracon Environmental, Inc., in February, 1991. Terracon reportedly installed monitoring well RI-1 in the suspected dump site area along the northern property line. Concentrations of TCE (3,100 ppb) and 1,2-DCE (2,200 ppb) were detected in the ground water. The RI Report also identified a container storage area on the eastern side of the facility (Area 6 on Figure 2-1).

2.3.7 Montgomery Elevator

Montgomery Elevator began operations at Strother Field as Western Manufacturing in 1949 and soon after moved to the south end of the field. Montgomery's operations include the manufacture of custom elevators and elevator components. It occupied two former Army Air Force warehouses located just north of the main Greif manufacturing facility (Area 19 on Figure 2-1). In 1981, Montgomery moved to its present location at the center of Strother Field (Area 8 on Figure 2-1). The south location was briefly leased to Gordon-Piatt, then sold to Greif Bros.

Montgomery is listed with the USEPA as a small quantity generator of hazardous waste (<100 kg/mo). They have reported using toluene at both their north and south facilities in water fall paint booths. Toluene was later replaced with xylene. Xylene was also used as a paint thinner until July, 1994, when it was replaced with Aromatic 100 Solvent. Other substances in use have included Parabond cement (containing 80% 1,1,1-TCA) and Electra 350 chlorinated solvent containing PCE (later replaced with D-Limonene). Montgomery has submitted toxic chemical release inventory reporting forms (for air emissions) for 1,1,1-TCA and xylene.

Montgomery has had several documented RCRA violations at Strother Field, including an April, 1980, citation for paint spillage and discharging degreasing tanks onto the surface of the ground. In March, 1983, after moving to their present location, Montgomery was cited for additional cleanup of the paint area at the old (south) plant. KDHE also instructed Montgomery to properly dispose of 35 drums of paint studge from the old plant. Montgomery was cited in July, 1994, for illegal disposal (in trash) of rags contaminated with xylene and PCE.

2.3.8 Cessna Aircraft

Cessna Aircraft Company operated at Strother Field from 1967 to 1985, occupying two large buildings near the southwest portion of the site (Area 13 and 14 on Figure 2-1). Cessna was reportedly the largest employer at Strother Field in the late 1970's and early 1980's, manufacturing an average of 20 small airplanes per day.

KDHE records indicate that Cessna has used large quantities of methylene chloride-based paint stripper from 1967 to 1982. Other chemicals reportedly used at the site include: xylene; MEK; toluene; cresylic acid; methanol; ethanol; orthodichlorobenzene; 1,1,1-TCA; and TCE. According to the RI Report. Cessna a may have disposed of waste paint and thinner at the north landfill from 1971 to 1975, and possibly at the south landfill during the period prior to 1971.

In July, 1985, Cessna removed a 10,000-gallon aviation gas UST and pressure-tested a 10,000-gallon diesel fuel UST (which proved to be sound).

2.3.9 Greif Bros. Corporation

Greif Bros. Corporation began operations at Strother Field in 1955 at their current facilities located near the southern end of the field. Greif fabricates 55-gallon drums and other metal containers utilizing processes which include metal degreasing and painting operations. Greif is a Class 1 generator of hazardous waste (exceeding 1,000 kg/mo).

Greif chemical usage records have been obtained from the Donley RI Report and documents on file with KDHE offices, including CERCLA Section 104 responses. According to KDHE reports, the facility began use of chlorinated hydrocarbon degreasers in 1960. The original Greif degreaser used trichloroethylene (TCE), and was located in a former Army Air Force warehouse situated east of the main Greif facility and north of the Gordon-Piatt facility (Area 22 on Figure 2-1). The degreaser was enclosed in an 8-foot deep pit.

· · ·

′ }

In 1967, the degreaser was re-located to the northeast corner of the main Greif facility (the present-day location). This is noted as Area 21 on Figure 2-1. At this time, Greif switched to tetrachloroethylene (PCE) as a degreasing agent. Greif records include discussions about the cracked concrete floor in the degreaser pit and leakage of PCE in 1976. The degreaser was replaced later that year and the pit was reconstructed.

Following the purchase of a new degreaser and recovery still in 1976, Greif switched to 1,1,1-trichloroethane (1,1,1-TCA). During a 35-month period from 1981-1984, the facility reported purchasing 9,816 gallons of 1,1,1-TCA (280 gal/mo) and disposing of the waste through USPCI. In October, 1983, Greif installed an above-ground, 500-gallon TCA storage tank near the northeast end of the manufacturing building. In 1993, Greif switched to trichloroethylene (TCE) for degreasing and removed the TCA storage tank. Greif installed two 8,000-gallon underground diesel fuel storage tanks in 1977 and subsequently removed them in 1989.

The facility has also reported using 15 drums per month of xylene and 200 gallons per month of a ketone/naphtha/alcohol blend used as a silk screen ink solvent. Greif has also used toluene, acetone, methyl ethyl ketone (MEK), and methylene chloride. The waste silk screen cleaner was stored in the area noted as Area 20 on Figure 2-1, for recycling by an independent contractor.

Paint thinner, paint sludge, and degreaser waste was disposed of at the Commission's north landfill from 1960-67. The waste was usually burned along with other trash. The north dump was apparently located north of the present G.E. Test Cell, along the south bank of Posey Creek (area of monitoring well DM-28).

2.3.10 Gordon-Piatt Energy Group

There have been several Gordon-Piatt entities which are referenced herein collectively. Gordon-Piatt began operations at Strother Field in 1949, originally occupying the former Army parachute-packing building near the present Terminal building (Area 9 on Figure 2-1). Gordon-Piatt constructed their present facilities at the south end of Strother Field in 1958 (Area 24 on Figure 2-1). The company is primarily a manufacturer of industrial burners and is listed as a large quantity generator of hazardous waste.

KDHE RCRA inspection reports indicate that Gordon-Piatt has used acetone and xylene as thinners for paints. A lacquer thinner and Barsol thinner are presently in use. The facility has also used S406 Solvent, containing 64% methylene chloride, as a paint stripper since 1980. A naphtha/paraffin solvent has been utilized for parts cleaning. In addition, Gordon-Piatt's Section 104 response indicated the use of a stamping oil containing 34% 1,1,1-TCA. A 1986 RCRIS waste report included PCE in their waste stream, although Gordon-Piatt has since claimed the reference to PCE was in error.

The Donley RI Report stated that Gordon-Piatt operates four 10,000-gallon UST's and one 2,300-gallon UST which were installed during the period from 1961 to 1979. Two of the UST's reportedly contained diesel fuel, while the contents of the remaining tanks were unknown. KDHE records from 1986 indicate that the site utilizes one UST for diesel fuel storage and two UST's for storage of virgin xylene.

Gordon-Piatt has been cited several times for NPDES violations, including a diesel fuel spill into Posey Creek (via the storm sewer system) in 1979. The KDHE found that the release resulted from an estimated 500-gallon diesel spill at the Gordon-Piatt facility several weeks before the Posey Creek discovery. Gordon-Piatt was also cited in 1990 for discharge of solvents including toluene (5,130 ppb), xylene (1,660 ppb), and ethylbenzene (2,200 ppb) in paint booth waterfall effluent. RCRA violations have included a 1983 citation for dumping waste cutting fluid on the ground surface behind the plant, and a 1991 citation for a small area of surface contamination noted outside the door of their current hazardous waste storage building (Area 23 on Figure 2-1 north of the main plant, next to GGP-2). The soil was excavated and disposed of in September, 1991. Prior to expanding to their current configuration, Gordon-Piatt had a storage building west of the facility, south of the Greif facility (Area 25 on Figure 2-1).

2.4 BORING & MONITORING WELL DATA

Several attempts have been made in past reports to summarize boring and monitoring well data. However, there was no complete inventory of the borings, supply wells, monitoring wells, and temporary wells from which data has been obtained for past studies. Well location and elevation surveys had not been compared. This information was required in order to complete this evaluation. Monitoring well locations are shown in Figure 2-2.

2.4.1 Summary of Existing Data

AEC has summarized the available geologic, well completion, and elevation/location data in Table 2-2. This table was compiled from the following sources:

<u>MW SERIES</u>: Well completion and geologic information are available from KDHE WWC-5 forms. Coordinate and elevation data for the MW Series wells were obtained from the Donley RI report. Discrepancies between the Terra-Tech and Cullum survey data for wells MW4A and MW4B were noted during the data review. Based on comparison of the groundwater levels and corresponding water level elevations, the Cullum data was chosen as the more accurate of the survey data for these two wells.

Hunt Drilling constructed monitoring wells MW-1 through MW-6 in September, 1983. The wells were constructed with 4-inch diameter PVC and were completed with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

KDHE constructed monitoring wells MW-7 through MW-9 in June and July, 1985. The wells were constructed with 2-inch diameter PVC and were completed with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

MW (A) SERIES: KDHE constructed monitoring wells MW-1A through MW-11A in July and August, 1986. The wells were constructed with 2-inch diameter PVC and were completed with 5-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact). Coordinate and elevation data for the MWA Series wells were obtained from the Donley RI report. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report. Coordinate information for wells MW5A and MW11A was estimated from site drawings in the 1987 Woodward-Clyde Report.

MW (B) SERIES: KDHE constructed monitoring wells MW-4B, MW-9B, and MW-11B in July and August, 1986. The wells were constructed with 2-inch diameter PVC and were completed with 5-foot screened sections. The wells extended approximately 5-6 feet below the silty clay/sand contact. Coordinate and elevation data for the MWB Series wells were obtained from the Donley RI report.

<u>REM-1</u>: Well completion and geologic information are available from driller's logs. Coordinate and elevation data for REM-1 was obtained from the Donley RI report.

(-

Layne-Western constructed recovery well REM-1 in October, 1985, using 8-inch diameter stainless steel with a 10-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact). This well has generally been operating since 1985 as an extraction well with dedicated air stripper, at a rate of approximately 50-75 gallons per minute (gpm).

<u>RI SERIES</u>: Well completion and geologic information are available from driller's logs, with the exception of RI-1 (no data available). Coordinate and elevation data for the RI Series wells were obtained from the Donley RI report.

Terracon Environmental, Inc., installed monitoring well RI-1 in February, 1991, at the direction of Strother Manufacturing. TerraTech Environmental constructed monitoring wells RI-2 through RI-8 in August and September, 1991 (under the direction of Donley Environmental). The wells were constructed with 2-inch diameter PVC and were completed with 25-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

<u>RWD SERIES</u>: Well completion and geologic information are available from State Board of Health Public Water Supply application forms. Coordinate and elevation data for the RWD Series wells were obtained from the Donley RI report.

Rural Water District supply wells RWD-1 and RWD-2 were installed in 1973 using 12-inch diameter stainless steel casing with 12-foot screened sections. Both wells extended to the base of the shallow aquifer (bedrock contact).

RWD-3 was installed by Hunt Drilling in 1980 using 12-inch diameter stainless steel casing with an 8-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact).

<u>SFW SERIES</u>: Well completion and geologic information are available from State Board of Health Public Water Supply application forms, KGS Bulletin 158 (Geology and Groundwater Resources of Cowley County, Kansas) and KDHE WWC-5 forms (SFW-10, 11 and 13 only). No well completion or geologic information was found for SFW-12. Coordinate and elevation data for the SFW Series wells were obtained from the Donley RI report. Coordinate information for SFW6 was estimated from site drawings in the 1987 Woodward-Clyde Report.

Layne-Western constructed Strother Field supply wells SFW-1 through SFW-6 in 1942 for the U.S. Army Air Force. The wells were constructed with 8-inch diameter steel casing with unknown screened sections. All wells extended to the presumed base of the shallow aquifer (41-44 feet below ground surface). SFW-2 was converted to use as an extraction well with dedicated air stripper in 1985, and has operated as a source control well since that time at approximately 125 gpm.

SFW-7 was installed by Layne-Western in 1967 using 12-inch diameter stainless steel casing with a 12-foot screened section. The well extended to the presumed base of the shallow aquifer (42.5 feet below ground surface).

SFW-8 and SFW-9 were installed in 1971 using 12-inch diameter stainless steel casing with 10-foot screened sections. Both wells extended to the base of the shallow aquifer (bedrock contact). SFW-8 was converted to use as an extraction well with dedicated air stripper in 1985, and has operated as a source control well since that time at approximately 125 gpm.

SFW-10 and SFW-11 were installed by Hunt Drilling in April, 1986 using 12-inch diameter stainless steel casing with 10-foot screened sections. Both wells extended to the presumed base of the shallow aquifer (42-45 feet below ground surface).

SFW-13 was installed by Hunt Drilling in September, 1989 using 12-inch diameter stainless steel with an 8-foot screened section. The well extended to the base of the shallow aquifer (bedrock contact).

<u>AG SERIES</u>: Geologic information was obtained from driller's logs. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report

KDHE constructed soil borings AG-1 through AG-13 in October and November, 1983. All borings extended to the base of the shallow aquifer (bedrock contact).

<u>ST_SERIES</u>: Well completion and geologic information was documented on driller's logs and KDHE WWC-5 forms. Survey information for ST Series wells was supplied by Young and Associates.

AEC constructed monitoring wells ST-1 through ST-3 in March, 1997. The wells were constructed with 2-inch diameter stainless steel with 20-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

<u>PZ SERIES</u>: Well completion and geologic information was documented on driller's logs. Survey information for PZ Series piezometers was supplied by Young and Associates.

AEC constructed piezometers PZ-1 through PZ-12 (PZ-8 was omitted) in September, 1996. The piezometers were constructed with 1-inch diameter PVC with 2 ½ -foot screened sections. All wells extended approximately 3 feet below the silty clay/sand contact.

<u>HMW SERIES</u>: Well completion and geologic information was documented on driller's logs and KDHE WWC-5 forms. Survey information for HMW Series wells was supplied by Terracon Environmental.

Terracon installed monitoring wells HMW-1 through HMW-5 at Hackney in September, 1992 (under the direction of KDHE). The wells were constructed of 2-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

Terracon installed monitoring wells HMW-6 through HMW-10 at Hackney in May, 1994 (under the direction of KDHE). The wells were constructed of 2-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

<u>GB SERIES</u>: Well completion and geologic information was documented on driller's logs. Survey information for GB Series wells was supplied by Cullum Engineering.

AEC constructed monitoring wells GB-1 and GB-2 at the Greif Bros. Facility in December, 1993. Both wells were constructed with 2-inch diameter PVC with 10-foot screened sections. The wells extended to the base of the shallow aquifer (bedrock contact).

<u>CMW SERIES</u>: Well completion and geologic information was documented on KDHE WWC-5 forms. Elevation information for all CMW Series wells was available from the Donley RI report, but Northing and Easting information was not established for all CMW wells. Northing and Easting was estimated from site drawings in the 1985 Geraghty and Miller Report for wells CMW-1, CMW-3A&B, CMW-4, CMW-8A&B, CMW-10, and CMW-13.

Geraghty & Miller constructed monitoring wells CMW-1 through CMW-14 in February, 1985, at the direction of Cessna Aircraft Company. Several of the installations were twinned (CMW-1A&B, CMW-3A&B, CMW-8A&B, and CMW-11A&B). All wells were constructed with 2-inch diameter PVC. The twinned (A) wells extended to the base of the shallow aquifer and utilized 5-foot screened sections. All other wells were completed in the upper section of the aquifer and utilized 10-foot screened sections.

<u>DM SERIES</u>: Well completion and geologic information was documented on KDHE WWC-5 forms and on Layne-Western drill logs. Coordinate and elevation data for the DM Series wells were obtained from the Donley RI report. Coordinate information for AG Series borings was estimated from site drawings in the 1984 KDHE Report. Coordinate information for wells DM9 and DM11 was estimated from site drawings in the 1987 Woodward-Clyde Report.

Layne-Western installed monitoring wells DM-1 through DM-4 in August, 1981, at the direction of General Electric. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

Layne-Western installed monitoring wells DM-5 through DM-14 in May, 1984. The wells were constructed with 2-inch diameter PVC with 5-foot screened sections.

Layne-Western installed monitoring wells DM-15 through DM-29 in April and May, 1985. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

Layne-Western installed monitoring wells DM-30 and DM-31 in October, 1985. The wells were constructed with 2-inch diameter PVC with 10-foot screened sections.

<u>GGP_SERIES</u>: Well completion and geologic information was documented on KDHE WWC-5 forms. Coordinate and elevation data for the GGP Series wells were obtained from the Donley RI report.

Harp Well Service installed monitoring wells GGP-1 through GGP-3 at the Greif/Gordon-Piatt area in September, 1988. The wells were constructed of 5-inch diameter PVC with 10-foot screened sections. All wells extended to the base of the shallow aquifer (bedrock contact).

<u>GT SERIES</u>: These wells are referenced in the Donley RI report, however, no well completion or geologic information was found. Coordinate and elevation data for the GT Series wells were obtained from the Donley RI report.

<u>P SERIES</u>: These piezometers are referenced in the Donley RI report, however, no well construction or geologic information was found. Coordinate and elevation data for the P Series wells were obtained from the Donley RI report.

2.4.2 Boring / Monitoring Well Completion Assessment

₹ ...

In previous studies, well completion data was not correlated with geologic data to determine the portions of the aquifer monitored by each well. This information is required to compare chemical data between wells completed in different portions of the subsurface. The thickness of the alluvial sand is also essential information at each well location.

It should be noted that while measuring point elevations (top of casing) were available for most locations, ground surface elevations were not known. Since many of the wells were not completed to the full depth of the alluvial aquifer, an isoconcentration map of the thickness of the sand was made using known thickness data. The thickness of the sand was then estimated from this map for each location which did not penetrate the entire alluvial sand deposit.

The screened intervals were then examined in relation to geologic zones. Two arbitrary hydrologic zones were chosen for comparative purposes. Wells screened from the clay overburden to the upper 60% of the alluvial sand are considered to represent the upper portion of the aquifer. Wells screened into the lower 40% of the alluvial sand are considered to represent the lower portion of the aquifer. The results of this evaluation are shown in Table 2-3.

2.5 AVAILABLE GROUND WATER ANALYTICAL AND PIEZOMETRIC SURFACE DATA

Selected Ground water analytical and piezometric surface data has been compiled and examined from previous reports. The data used, and the assessment of the data quality, is summarized below. Sampling events were chosen to provide examination representative of the time periods and site. Tables summarizing the data have been prepared as noted.

- Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation, KDHE, June, 1983: This data is the earliest view of the contamination found in the supply wells. There are no analytical laboratory reports to verify the information from May 18th and May 31st, 1983 (Tables 2-4 and 2-5). However, a summary table in the July 1984 Geraghty & Miller report did report the data.
- <u>Strother Field Study, KDHE, March, 1984</u>: The installation and sampling technique for these points (AG Series borings) is very poorly documented. The samples were collected during October and November, 1983. There are no analytical laboratory reports to verify the information, though a summary table in a July 1984 Geraghty & Miller report did report the data. There is no groundwater level data associated with this sampling round. This is the only record of these points being sampled (Table 2-6).
- Ground-Water Quality Conditions at the Strother Field Industrial Park, July, 1984. Geraghty & Miller, Inc.: This report contains a summary table of analytical results from 1982 through 1984. There are no analytical laboratory reports to verify the information. This table was used to document the data reported in the June, 1983 and March, 1984 KDHE reports. This table has been included for reference in Appendix 1. Data collected specifically for this report is limited in area, and therefore will not be included in the data assessment.
- Long-term Remedial Program at the GE Engine Test Cell. Strother Field. Kansas. General Electric.
 October, 1985: This is one of the more extensive sampling rounds conducted at the field, conducted in July and August of 1985. Water levels are available. Analytical results are summarized in a table of the report. There are no analytical laboratory reports to verify the information (Table 2-8). The analytical summary table found in this report has been included for reference in Appendix 2.
- KDHE Analytical Laboratory Reports for Selected Monitoring Wells at Strother Field. August, 1986:
 This is one of the more extensive sampling rounds conducted at the field, however, water levels are not available for this period. KDHE analytical laboratory reports were available to verify the information, but there was no quality assurance data (Table 2-9).
- Report for the Remedial Investigation, Strother Field, May, 1992, Donley Environmental Management.
 This is the most extensive sampling round conducted at the field, which was conducted in December of 1991. Analytical reports and water level measurements are available for wells throughout the Site (Table 2-10). This report also contained a statistical summary of past analytical results for wells throughout the Site, although the origin of the data and the analytical summaries were not included. This statistical summary has been included for reference in Appendix 3.
- Third Quarter Sampling of the Ground Water Monitoring System, Greif Bros. Strother Field Facility.
 August. 1994. Allied Environmental Consultants, Inc.: Samples were collected in selected wells around the Greif Facility during three quarters of 1994. (Table 2-11)
- Water level Data Collection. Strother Field. November 15, 1996: Water level measurements were collected throughout the Site and the Hackney area (Table 2-12).

Chemical analytes listed in the summaries include: vinyl chloride; chloroethane; 1,1-DCE; 1,1-DCA; 1,2-DCE (total); 1,2-DCA; 1,1,1-TCA; TCE; benzene; 1,1,2-TCA; PCE; toluene; chlorobenzene; ethylbenzene; 1,2-Dichlorobenzene; xylene (total); cis-1,2-DCE; trans-1,2-DCE; carbon disulfide; chloroform; carbon tetrachloride; 2-Butanone (MEK); and methylene chloride. Water level elevations have been included, where available.

2.6 AVAILABLE SOIL ANALYTICAL DATA

Available soil analytical data has been compiled and examined from previous reports. The data used, and the assessment of the data quality, is summarized below. There has been surprisingly little soil sampling and analysis. Tables summarizing the data have been prepared as noted.

- Hydrogeologic and Ground Water Contamination Investigation. Strother Field Site. July. 1987.
 Woodward-Clyde Consultants: A soil gas survey was conducted by Tracer Research as part of this evaluation. Results will be used, however soil gas surveys have proven to have limited effectiveness in clay soils like those at the Site.
- Report for the Remedial Investigation. Strother Field. May. 1992. Donley Environmental Management.
 Inc.: A soil gas survey was conducted as part of this evaluation. In addition, a limited number of soil samples were collected and analyzed. Results will be used, however soil gas surveys have proven to have limited effectiveness in clay soils like those at the Site.
- Environmental Site Assessment, Greif Brothers Strother Field Facility, January, 1994, Allied Environmental Consultants, Inc.: Soil samples were collected and analyzed by field and laboratory methods to identify constituents in soils at the Greif Facility. Analytical results are summarized in Tables 2-13 and 2-14.
- Northeast Corner Soils Characterization, Greif Bros, Corporation Strother Field Facility, July, 1996,
 <u>Allied Environmental Consultants, Inc.</u>: Soil samples were collected and analyzed by field and
 laboratory methods to further define constituents in soils at the northeast corner of the Greif Facility.
 Analytical results are summarized in Tables 2-13 and 2-14.

3. SITE-WIDE DATA EVALUATION

3.1 GEOLOGIC EVALUATION

(...

Many of the previous reports have identified the geologic formation names and ages. This is a very simple geologic system, comprised of clay-shale bedrock overlain by very permeable alluvial (river) sands, which are in turn overlain by a layer of very impermeable silty clay. These types of river deposits can vary in thickness, depending on the location of the old river channel and tributaries, as well as subsequent erosional events.

In order to analyze the geology underlying the site, all of the available geologic information was evaluated, and maps were generated. Unfortunately, there is not a complete set of ground surface elevations at the well locations. This means that the configuration of the alluvial sand and clay-shale bedrock surfaces could not be mapped. Therefore, isopach (thickness) maps were generated for the clay overburden and the alluvial sand. These are presented as Figures 3-1 and 3-2, respectively.

The average depth to bedrock is approximately 39.3 feet. The average clay thickness is 19.7 feet, with the thickest clays at approximately 29 feet, and the thinnest at approximately 12 feet. The average sand thickness is 19.6 feet, with the thickest sands at approximately 28 feet, and the thinnest at approximately 11 feet. Areas of the Site which exhibit significant thickening of the sand layer impact the flow of groundwater significantly. These areas are summarized below.

- There is a significant alluvial sand thin in the area of REM-1, in the northern portion of the Site. This corresponds to a thickening of the clay overburden in the same area. This may explain why the extraction rate for REM-1 has not been as high as expected.
- There is a significant alluvial sand thin in the area of MW-7A, in the central portion of the Site.
- There is a significant alluvial sand thin in the area of ST-2, which is located between SFW-8 and SFW-2, the two primary extraction wells. This may explain why these two wells are effectively keeping contaminants from migrating to the east into the Hackney area.
- There is a significant alluvial sand thin in the area of GGP-1 and MW-1A, which extends toward the
 east at PZ-12 and MW-6. This thinning in the southern portion of the Site may explain how the
 contaminants from the Site are being prevented from migrating toward the south. It also explains why
 the ground water surface flows somewhat east / northeast in the area of Gordon Piatt and Greif
 Brothers.

3.2 GROUND WATER SURFACE EVALUATION

The extent of water level data varies throughout the Site history, with limited data available in the early records. Wells have been installed as the site evaluation process has progressed. Available information has been assembled, and piezometric surface maps have been prepared.

Geraghty & Miller collected ground water level data during work reported in April, 1985. This data is presented in Figure 3-3. This map shows an area of water table draw-down near SFW-3 and SFW-7. A second area of draw-down is shown centered around SFW-9.

General Electric collected ground water level data during work reported in October, 1985. This data is presented in Figure 3-4. This map shows an area of water table draw-down centered around SFW-2, extending towards the south near SFW-5. The area around SFW-9 shows no draw down.

20

Donley Environmental collected ground water level data during work reported in the 1991 Remedial Investigation Report. This data is presented in Figure 3-5. This map clearly shows two well-defined areas of draw down at SFW-2 and SFW-8. There is also indication of some influence from REM-1.

The Strother Field PRP Group collected ground water level data in November 1997. This data is presented in Figure 3-6. These maps reflect the ground water surface features found in 1991.

Several key observations have been drawn from this information:

- 1. The general groundwater flow is towards the east southeast, although flow in portions of the Site vary in response to pumping supply wells and geologic conditions.
- 2. Prior to 1985-1986, the supply wells were pumped as needed by the field. When pumping, the supply wells heavily influenced the movement of water in the nearby area. The groundwater surface prior to this date varied, depending on which wells were pumping.
- 3. After the implementation of the Interim Remedial System in 1985-1986 (consisting of SFW-2, SFW-8, and REM-1) the water surface has been consistent.
- 4. Groundwater flow at the southern portion of the Site has more of a northeast trend than would be expected, due to the influence of pumping at SFW-8 and the alluvial sand thin to the south.

3.3 SOIL CONTAMINANT EVALUATION

As stated previously, the soil analytical data available for the Site is very limited. Results are evaluated and summarized below.

3.3.1 1986 Soil Gas Survey

The soil gas survey conducted for the KDHE by Tracer Research, Inc. as part of the Woodward & Clyde 1987 Report included 75 sampling points. Field work was conducted in late July and early August, 1986. Analytical parameters were limited to methylene chloride; TCE; PCE; 1,1,1-TCA; 1,1-DCE; carbon tetrachloride; and chloroform. Elevated levels of TCE, DCE, PCE, and TCA were detected, as summarized below:

- The highest concentration of TCE in soil gas was detected near the west side of G.E. Building 5 (19 ppb). Smaller detections were noted in the G.E. Test Cell area (.006 ppb) and just north of the Greif Bros./Gordon-Piatt facilities (2 ppb).
- A maximum DCE concentration of 179 ppb was detected near the west side of G.E. Building 5. Much smaller detections were noted just north of the Greif Bros./Gordon-Piatt facilities (1 ppb).
- A maximum PCE concentration of 4 ppb was detected just north of the Greif Bros./Gordon-Piatt facilities.
- The highest TCA concentration was noted just north of the Greif Bros./Gordon-Piatt facilities (41 ppb).
 A second TCA plume was noted near the west side of G.E. Building 5 (19 ppb).

3.3.2 1991 Soil Gas Survey and Laboratory Analyses:

Donley Environmental conducted two sequential sampling investigations from July to December, 1991. Both rounds consisted of a soil gas survey followed by soil sampling and laboratory analyses. The initial survey was conducted using an extensive grid system in and near 11 potential source areas, identified as: North Landfill, South Landfill, G.E. central facility, Greif Bros./Gordon-Piatt/K-Square facilities, a small area just northeast of the G.E. complex, a small area just west of K-Square Molding, Range Oil facilities, Struthers Thermo-Flood facilities, former Cessna facilities, the G.E. Test Cell area, and the Phantom Dump area. Significant concentrations of VOC vapors were found in only three of the areas: G.E. central facility, Greif Bros./Gordon-Piatt/K-Square facilities, and the Struthers Thermo-Flood facilities.

As noted above, the soil gas survey results were verified by the collection of twenty-four soil samples for laboratory analyses from twenty locations, including fourteen soil borings and six monitoring wells (RI-2 through RI-7). Results are described below, and represented on Figure 3-7.

G.E. Central Facilities: During the first round of soil gas sampling, elevated levels of several VOCs were noted, including 1,1-DCE ranging from 20 to 430 ppb (concentrated near the southeast corner of Building 5). Low levels of TCE (1-17 ppb) and 1,2-DCE (2-4 ppb) were observed in a small area to the west of Building 5. An area near the northwest corner of G.E. Hangar Building 9 revealed concentrations of cis-1,2-DCE (9-22 ppb) and 1,1,1-TCA (2-7 ppb). During the second soil gas survey, a location near the entrance to Hangar Building 9 was sampled. 1,1-DCE was detected at concentrations ranging from 2,900-32,000 ppb.

Soils from a boring installed through the floor of Building 5 (in the vicinity of a former TCE/TCA line) revealed concentrations of 1,1-DCE (1,000 ppb) and 1,1,1-TCA (6,100 ppb). A boring placed near the southeast corner of Building 5 (near the fuel storage area) revealed an Ethylbenzene concentration of 73 ppb.

Greif Bros./Gordon-Piatt/K-Square Facilities: During the first soil gas survey, elevated levels of several VOCs were noted at an area between the northeast corner of the Greif facility and the northwest corner of the Gordon-Piatt facility. 1,1-DCE was detected at concentrations ranging from 152-788 ppb, TCE ranged from 8-96 ppb, PCE ranged from 3-36 ppb, and 1,1-DCA ranged from 1-26 ppb. An area near the northwest corner of the Gordon-Piatt pre-treatment system revealed a 1,1-DCE concentration of 373 ppb. The second soil gas survey detected elevated concentrations of MEK and Toluene near the northwest corner of the Greif Bros. facility.

Soil samples collected from borings placed near the northeast corner of the Greif facility contained elevated concentrations of TCE (13,000 ppb), PCE (340,000 ppb), 1,1-DCE (130 ppb), and 1,1,1-TCA (450 ppb). Soil samples collected near the northwest corner of the Greif facility contained concentrations of Toluene (31,000 ppb) and MEK (91,000 ppb).

Struthers Thermo-Flood Facilities: The first soil gas survey detected two hot spots. The eastern property line (a former waste storage area) revealed 1,2-DCE levels ranging from 50-200 ppb. The second hot spot (near the northeast corner of the manufacturing building) revealed 1,2-DCE concentrations ranging from 285-353 ppb. 1,1,1-TCA values in the same general areas ranged from 5-70 ppb. Elevated TCA (70 ppb) and PCE (47 ppb) levels were noted near the location of monitoring well RI-1 (a reported waste storage and disposal area along the north property boundary).

G.E. Test Cell: Although soil gas results did not reveal significant VOC constituents in the soils at this location, subsequent laboratory analyses detected elevated concentrations of VOC constituents near monitoring well DM-15 (near a former oil/water separator). Detected VOCs included 1,2-DCE (420 ppb); 1,2-DCA (140 ppb); 1,1,1-TCA (7 ppb); and Vinyl Chloride (10 ppb).

3.3.3 1994 and 1996 Soils Investigations at the Greif Brothers Facilities:

Soil samples were collected and analyzed by field and laboratory methods to define the extent of soil contamination in soils at the Greif Facility. Analytical results are summarized in Tables 2-13 and 2-14. Two areas of the Greif Facility have been identified as potential source areas. These are the Silk Screen Cleaner Recycling Area at the northwest corner of the facility, and the degreaser at the northeast corner of the facility. Greif has conducted thorough investigations to determine the extent of contamination resulting from their facility.

Northwest Corner: The northwest corner of the main Greif Facility was used to recycle cleaner used for their silk screening process. Data was collected in this area during a 1994 soils investigation. The location of these borings is shown on Figure 3-8A. Samples were taken at each 5 foot interval to a depth of 20 feet.

The locations which define the northwest Recycling Area are boreholes BH-G-9, BH-G-13, BH-G-14, BH-G-15, and BH-G-18. The only location with significant soil contamination is location BH-G-14; which is adjacent to the Drum Storage Area. High levels of MEK and Toluene were identified from 5 feet to 20 feet below ground surface. Lower levels of 1,1 DCE, TCE, PCE, and 1,1,1 TCA were also identified. The estimated footprint of this soil contaminant plume has a 20 foot radius at the groundwater contact.

Historical ground water analytical results for wells in this area are summarized in Table 2-11. Monitoring wells down gradient or near the Recycling Area at Greif include MW4A, MW4B, RI8, and MW10A. Only two of these wells have detected either of the primary contaminants found in the NW Recycling Area. MEK was detected at low levels during 1 sampling event at MW4B, and Toluene was detected at low levels during 2 sampling events at MW10A. Given the fact that the NW Recycling Area is now effectively "capped" by concrete and the Greif Building, this area does not appear to be a significant, measurable contributor to the ground water contamination.

Northeast Corner: Greif has operated a degreasing unit in the northeast corner of the main facility since 1967. The unit is situated in a concrete-lined pit approximately 8-feet deep. Between 1967 and 1976, PCE was the primary degreasing compound. In 1976, the degreaser was replaced with a more efficient model. At that time, cracks were noted in the containment pit, which was repaired. 1,1,1 TCA was then used as the primary degreasing compound from 1976 to 1993. Since that time, TCE has been the primary degreasing compound.

As part of the 1994 soils evaluation, this area was also evaluated. Additional data was collected in 1996 to further delineate the soil contaminant plume in the northeast area of Greif. This data is summarized in Tables 3-13 and 3-14, and the locations are presented on Figure 3-8A. In both sampling events, the data was analyzed by field gas chromatograph methods, with some samples presented to a laboratory for comparative analysis. In general, the field analysis is 1 to 3 orders of magnitude higher than the laboratory analysis, and is considered somewhat qualitative.

The laboratory and field analyses for the base of the clay overburden indicate a soil contaminant plume of similar sizes, extending from north of location 96-A, south to location 96-C, east to near BH-G-5, and west to 96-B. This area is shown on Figures 3-8B and 3-8C. These figures represent the concentrations present just above the groundwater surface.

(~

The highest TCE and PCE values detected in field analysis at this depth were in 96-D, with PCE detected at 13,211 ppb, and TCE detected at 3,808 ppb. The highest PCE and TCE values detected in laboratory analysis at this depth were in BH-G-7, with TCE detected at 93 ppb, and in 96-A with TCE detected at 38 ppb.

This soil analytical data has been compared with the historical groundwater analytical data from the surrounding wells, summarized in Table 2-11. These observations are summarized below.

 Well GGP-1 is the only up-gradient monitoring point from this source area. It monitors the deeper portion of the aquifer.

PCE has only been detected in well GGP-1 in 3 out of 10 sampling events, at levels ranging from 2.5 ppb to 49 ppb. This is most likely from the soil contaminant plume at the Grief facility, given the close proximity of the well.

1,1.1 TCA has only been detected in well GGP-1 in 2 out of 10 sampling events, at levels ranging from 44 ppb to 100 ppb. This is most likely from the soil contaminant plume at the Grief facility, given the close proximity of the well.

TCE has been detected in this well each time it has been sampled at levels ranging from 990 ppb to 28,000 ppb, with an average detection level of 9,501 ppb. This is a higher concentration than expected, and higher than any found in the soils at the northeast corner of the Greif facility. It is also much higher proportionately than the PCE and 1,1,1 TCA levels. This indicates an additional TCE source from the Gordon Piatt / Army Ordnance area.

- Well GGP-2 is a deep monitoring well, and is directly down gradient from the Greif degreaser area. PCE is found in every sampling event (12 of 12) in this well, and ranges from 150 ppb to 6,700 ppb, with an average of 2,096 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.
 - 1,1,1 TCA is found in 9 of 12 sampling events at this well, and ranges from 62 ppb to 5,300 ppb, with an average of 1,890 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE is also detected in each of the sampling events from GGP-2. The concentrations range from 260 ppb to 15,000 ppb, with an average of 4,658 ppb. This is a much higher level of TCE than detected in soils at the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility.

- Well MW-10A is just side-gradient from the Greif degreaser area, and side gradient from the Gordon Piatt building. PCE has been detected in this well in 6 out of 9 sampling events, at ranges from 28 ppb to 62 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.
 - 1,1,1 TCA has been detected in this well in 2 out of 9 sampling events, at ranges from 1.7 ppb to 19.7 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE is also detected in each of the sampling events from MW-10A. The concentrations range from 230 ppb to 1,400 ppb, with an average of 839 ppb. This is a much higher level of TCE than expected to result from the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility. This analysis has excluded the 1986 analytical values for TCE, which were considered to be erroneous.

- Well GGP-3 is also a deep monitoring point, and is approximately half way between the Greif degreaser area and SWF-8. PCE has been detected in this well in 11 out of 11 sampling events, at ranges from 40 ppb to 770 ppb, with an average of 361. This PCE is most likely from the Greif degreaser area, given the location and proximity of the well.
 - 1,1,1 TCA has been detected in this well in 8 out of 11 sampling events, at ranges from 5.9 ppb to 300 ppb. This level of contamination is most likely from the Greif degreaser area, given the location and proximity of the well.

TCE has been detected in each of the sampling events from GGP-3. The concentrations range from 51 ppb to 5,220 ppb, with an average of 2,557 ppb. This is a much higher level of TCE than expected to result from the degreaser area, and cannot be accounted for as a degradation product of PCE. Again, these levels of TCE must be from a source south of the Greif Facility.

• Insufficient data has been collected to eliminate other sources of 1,1,1 TCA or PCE from the ARMY, Montgomery Elevator, or Gordon-Piatt operations.

3.4 GROUND WATER CONTAMINANT EVALUATION

Available ground water analyses have been summarized and examined. This data has been reviewed in conjunction with available well completion, geologic soils analysis, and hydrologic data. The data has been examined from a historical perspective, since ground water analyses are available for different sets of wells during each sampling period.

The data was evaluated with two basic goals in mind:

- 1. Determine the size of the contaminant plume vertically and horizontally, if possible.
- 2. Verify evidence indicating contaminant sources at the site.

Tables of each data set, and maps showing detected concentrations have been prepared. Please note that wells representing the shallow portion of the aquifer are designated with an (s), and those representing the deep portion are designated with a (d). Values for 111 TCA, PCE, TCE, and total VOCs were posted on maps, where available. These constituents were chosen because they generally represent the original products used. It should be noted that the degradation products of the compounds are present as well. Observations based on these data sets are summarized below.

3.4.1 1983 KDHE Data:

From the "Report on Preliminary Problem Assessment and Abatement Guidelines for Strother Field Industrial Park Groundwater Contamination Investigation", KDHE, June, 1983:

KDHE analyzed samples from the existing supply wells on May 18th and May 31st, 1983. Data is poorly documented, and no laboratory reports or ground water elevations were included in the report. Therefore, no validation of the data is possible. There are some useful observations which can be made from this data (refer to Figure 3-9 and Tables 2-4 and 2-5).

- Levels of reported constituents remain stable, with the exception of SFW1, which decreases by an order of magnitude between 5/18 and 5/31. This is apparently due to the pumping influence form SFW2. This indicates that contaminant plumes are influenced in the immediate area of pumping wells. The pumping of these wells was not stabilized until 1985-1986, and prior to that time the contaminant plumes were unpredictably influenced by them.
- Contaminants identified in SFW9 indicate a source for TCE from the vicinity of the old Army Paint-O-Dope, Reclamation Area or Base Engineering areas.
- Low levels of PCE were detected at DM-1 and DM-4, indicating a source of PCE in the central portion
 of the site.

3.4.2_1984 KDHE Data:

Discussed in the "Strother Field Study", KDHE, March, 1984, and taken from a summary Table in the "Ground-Water Quality Conditions at the Strother Field Industrial Park", Geraghty & Miller, July, 1984.

The AG series borings were sampled between 10/20/83 and 11/30/83. They were compared with values from a variety of DM series and SFW series analyses, which were taken from September to December, 1983. This time span is considered too wide to compare values. However, the data presented in the report does demonstrate some key points. Analyses from AG borings are summarized in Table 2-6, and shown on Figures 3-10A and 3-10B. Information regarding analyses of other monitoring points is found in Appendix A. There is no information regarding the water elevations.

- PCE was detected at SFW3, but not SFW2 or SFW7. High levels of TCE were also found in SFW3.
 This indicates a TCE and PCE source due west of SFW3 in the vicinity of Montgomery Elevator's current facility.
- PCE and TCE were detected at DM1, DM2, DM3, DM5, and SFW4, indicating a source in the area of the GE main facility.
- PCE and TCE were detected in SFW9, but not in AG-7, indicating a source at the Paint-O-Dope or Engineering areas formerly occupied by the Army and Cessna.
- PCE and TCE were detected in SFW8 at much higher levels than at AG-1, indicating unidentified PCE and TCE sources up-gradient from SFW8. TCE was also detected in AG-3 and MW-5, supporting unidentified sources up-gradient from SFW8.
- TCE was detected at the north end of the field, indicating sources at the GE Test Cell, North Dump, and alleged Phantom Dump. This was probably the source of a portion of the TCE found in SFW1 and SFW2.
- TCE was detected at AG-10 just west of the Strother Manufacturing Chemical Storage Area. This could be from the storage area, or from one of the source areas further to the north.
- TCE was detected in AG-5 to the east of the Gordon-Piatt/Old Army ordnance area, indicating a TCE source from one or both of these facilities.

3.4.3 April 1985:

Taken from "Results of a Hydrogeological Investigation at the Cessna Aircraft Plant, Strother Field, Arkansas City, Kansas", Geraghty & Miller, April, 1985.

Data collected by Geraghty and Miller is summarized in Table 2-7, and shown in Figures 3-3, 3-11A, 3-11B, and 3-11C. This investigation concentrated around the central-southern portion of the site.

PCE was not detected in any analysis.

1 -

- 1,1,1 TCA was detected in CMW4 and CMW13, although the ground water gradient and source is unclear.
- TCE was detected at CMW5, CMW11A, and CMW11B indicating a source at the former Cessna Facility, now occupied by GE.
- TCE was detected in CMW12. The only source for this is the Old Army Base Engineering area.
- TCE was detected at relatively high levels in CMW4 and somewhat lower in CMW13, indicating a nearby source, from the Old Montgomery Facility, Army Base engineering areas, or the Greif/Gordon Piatt area.

3.4.4 July/August 1985:

Taken From the "Long-Term Remedial Program at the GE Engine Test Cell, Strother Field, Kansas", General Electric, October, 1985

This data was reported in the October 1985 Long Term Remedial Program Report prepared by GE. No Laboratory reports were available to verify the information presented in the report. The data is summarized in Table 2-8, and presented on Figures 3-4, 3-12A, 3-12B, and 3-12C.

- PCE, TCE, and TCA were noted in SFW9 and CMW13. TCE was also noted at high levels in CMW4.
 Given the ground water gradient at the time, the source indicated is in the Old Army Base Engineering area.
- PCE, TCE, and TCA were noted in SFW 2, 3, 4, 5, and 7, indicating sources in the central portion of the site.
- 1,1,1 TCA was detected in wells DM5, DM1, and MW4, indicating a source near the GE main complex. DM5 monitors the base at the sand, and has a very high TCA concentration. DM1 monitors the upper portion of the sand, and has a much lower concentration. This indicates a relatively close major source of 1,1,1 TCA, which has migrated to the lower portion of the aquifer.
- 1,1,1 TCA and TCE were detected in DM15, DM10, DM18, and DM29, indicating sources in the area of the GE Test Cell and North Dump.
- 1,1,1, TCA and TCE were detected in DM13, and DM14 (shallow and deep well pair) at levels higher than those found near the GE Test Cell area. This indicates a source at the Strother Manufacturing Chemical Storage area.

- TCE was noted in CMW5 and MW5, indicating a source at the former Cessna Facility, now owned by GE.
- TCE was noted in DM6 and DM7, down-gradient from the GE oil-water separator.

3.4.5 1986 KDHE Data Set:

The KDHE collected and analyzed water samples from the central and southern portions of the site in August, 1986. No corresponding water level information is available, but the pumping well configuration was established with SFW2, SFW8, and REM1. Therefore the water level surface was similar to 1991, 1996, and 1997 (Figures 3-5, 3-6, and 3-7). The data is summarized in Table 2-9, and presented in Figures 3-13A, 3-13B, 3-13C, and 3-13D.

While there are laboratory reports for this data, TCE values in MW10A are an order of magnitude higher than detected prior to, or after this event. This data point is deemed unreliable, however observations can be made using the remainder of the data.

- PCE, 111 TCA, and TCE values are higher at SFW3 than SFW2 or SFW7. This indicates a TCE and PCE source due west of SFW3 in the vicinity of Montgomery Elevator.
- PCE, 111 TCA, and TCE were detected in the DM series wells down-gradient from the GE complex.
- PCE, 111 TCA, and TCE were detected at SFW 9, but not detected (or detected at much lower levels) at wells CMW8A, CMW8B, MW5A. This indicates that the source in SFW 9 must be west or north of the Grief Facility. These compounds were not detected in CMW 7, 10, 11A, or 11B, indicating that the source must be from the ARMY Paint-O-Dope or Reclamation Area.
- PCE, 111 TCA, and TCE were detected in MW 10A, indicating a source in the area of Greif/Gordon Piatt.

3.4.6 December, 1991 Data Set:

Taken from "Report for the Remedial Investigation, Strother Field", May, 1992, Donley Environmental Management

The data collected for the remedial investigation is the most verifiable set of analyses available. It is summarized in Table 2-10 and presented in Figures 3-6, 3-14A, B, C, & D. Unfortunately, wells near several of the previously identified PRPs, specifically the ARMY and Montgomery Elevator, were not sampled.

- Data indicates a TCE source near the GE test cell.
- TCE detected in RI 1 indicates a source at the Strother Thermo Flood northern chemical storage area, or may be part of the plume near the test ceil.
- High values of TCE detected in shallow well DM 14 indicates a TCE source at the Strother Thermo Flood northern chemical storage area.
- TCE was detected in many of the wells in the central portion of the site down gradient from the GE facilities and old Cessna Facilities.
- PCE, 111 TCA, and TCE were detected in the Greif / Gordon Piatt area.

4. SUMMARY & ANALYSIS

4.1 SOURCE AREA SUMMARY

Based on review of the reports, historical information and soil and groundwater data, the identified potential source areas have been evaluated. These areas are shown in Figure 2-1.

Area 1: North Landfill (ARMY & Commission), 1942-1975.

No clear evidence indicating that this is a source area is presented in the data. The exact location of this facility was not defined.

Area 2: GE Test Cell. Late 1960's to Present

Soil gas and groundwater analytical data indicate that this is a source area. Data from well DM15 indicates that the highest source is just north of the test cell. The deep portion of the aquifer is not monitored enough in this area to evaluate the vertical extent of contamination.

Area 3: Alleged Phantom Dump.

This site was not clearly located in any of the studies, and could have actually been the ARMY firing range. Contaminants were identified in the soils during the 1991 soil gas survey, indicating a potential source. However, the groundwater data does not indicate a separate plume in this area.

Area 4: Halliburton Services. 1975-Present

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 5: Range Oil. 1977-Present.

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 6: Struthers Thermo-Flood Chemical Storage Areas. 1951 to Present.

Data indicate that the northern and eastern storage areas are contaminant sources. Groundwater contaminant levels at these facilities are found at levels higher than up-gradient.

Area 7: Struthers Thermo-Flood. 1951 to Present. (Former ARMY Flight Line Hanger)

Data indicate that the main facility buildings are a source area. Groundwater contaminant values at these facilities are found at levels higher than up-gradient.

Area 8: Montgomery Elevator. 1981 to Present.

The monitoring system and past studies do not provide enough data to evaluate this property completely. However, levels of TCE, PCE and their degradation products are found in SFW3*at elevated levels, indicating a potential source in this area. Records and past practices indicate that this is possible.

Area 9: Gordon-Piatt Energy Group. 1949 to 1958.

This facility is up-gradient from the GE complex, and no monitoring wells provide adequate information that could evaluate the two separately.

Area 10: GE degreaser. 1987 to Present.

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 11: GE degreaser. 1966 - 1984.

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 12: GE oil / water separator. 1985 to 1991. GE waste tank 1960's to 1986. (Former ARMY Flight Line Hanger)

Data indicate that this facility is a source area. Groundwater contaminant values increase at this facility at levels higher than found up-gradient

Area 13: Former Cessna Facility. 1967-1985. General Electric 1985-Present.

Data from CMW5 indicates that this facility is a source area. Groundwater contaminant values increase at these facilities at levels higher than found up-gradient

Area 14: Former Cessna Facility 1967-1985. General Electric 1985-Present.

The monitoring system and past studies do not provide enough data to evaluate this property.

<u>Area 15-18</u>: ARMY Paint-O-Dope Reclamation Area, Paint-O-Dope Area, Base Engineering Facilities, 1942-46.

Data from SFW9 and surrounding wells indicate that this may be a source area. However the ground water monitoring system is insufficient to fully evaluate these facilities.

Area 19: Montgomery Elevator 1950 to 1980

The monitoring system and past studies do not provide enough data to evaluate this property. However, PCE, TCE, and 111 TCA are found in MW4A and MW4B.

Area 20: Greif Barrel Storage Pad. 1983-1987.

Data indicate that toluene and MEK have been released to soils. Groundwater analyses do not indicate that this is a source of a contaminant plume.

Area 21: Greif - 1968 to present.

Data indicates that this is a source of 111 TCA and PCE. Data also indicates that there is an undefined source of TCE south of the facility.

Area 22: Greif degreaser, 1960 - 1967.

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 23: Current Gordon Piatt Hazardous Waste Storage Building

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 24: Gordon-Piatt Energy Group 1958 to Present

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 25: Former Location of Gordon Piatt Storage Building

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 26: ARMY Ordinance Area: 1942-1946.

The monitoring system and past studies do not provide enough data to evaluate this property.

Area 27: South Landfill 1942-1975.

Data indicates that this is not a source area

4.2 GROUNDWATER PLUME ANALYSIS

The 1991 data set was chosen as the most appropriate to use to determine the size and configuration of the ground water contaminant plumes. It is the most recent, and most verifiable of the sampling events. Unfortunately, the data does not fully evaluate all of the contaminant sources listed above.

Based on comparison of concentrations in shallow and deep well pairs, it is evident that the concentrations vary with depth. Therefore, shallow and deep zone isoconcentration maps have been prepared based on the 1991 data.

Figure 4-1-A: TCE - Upper Zone

Figure 4-1-B: TCE - Lower Zone

Figure 4-2-A: PCE - Upper Zone

Figure 4-2-B: PCE - Lower Zone

Figure 4-3-A: 111TCA - Upper Zone

Figure 4-3-B: 111TCA - Lower Zone

Figure 4-4-A: TVOC - Upper Zone

Figure 4-4-B: TVOC - Lower Zone

The following observations are made based on these maps.

- 1. RI series wells are screened across the deep and shallow portions of the aquifer. Analytical results do not appear to adequately represent either zone, perhaps due to sampling technique.
- 2. Wells in the area of the GE test cell primarily monitor the shallow portion of the aquifer. Therefore, the shallow contaminant plumes for the various constituents have been prepared. However, only three wells monitor the deeper portion of the aquifer, and only two of these (REM1 and RI1) were sampled. This does not provide enough data to adequately assess the deeper portion of the aquifer.

- 3. Concentrations of TCE and TVOC increase dramatically downgradient from the Strother Manufacturing Chemical Storage areas, indicating a second source in the northern plume.
- 4. The Monitoring system around the current Montgomery Elevator facility does not provide enough data to determine the nature of the plume in this area.
- 5. PCE was not detected in the central portion of the field, as it had in past sampling events, perhaps masked by higher detection limits in 'hot' wells.
- TCE is detected south of the Greif Northeast corner PCE and TCE soil contamination, at levels higher than detected in soils. This indicates an additional TCE source south of Greif which has not been located.
- 7. The wells sampled by Donley in the central portion of the site occupied by GE consisted of six deeper aquifer wells and three shallow aquifer wells. The plumes in this area can be mapped, but information is incomplete.
- 8. No data was collected directly down gradient from the old Cessna facilities, therefore this area cannot be mapped.
- 9. Most of the key wells down gradient from the old ARMY facilities were not sampled, therefore this area cannot be mapped.
- 10. Wells sampled in the Greif / Gordon Piatt area are all completed into the deeper portion of the aquifer, therefore the upper portion of the aquifer cannot be mapped.

*_*_*_*

TABLE 2-1 SITE OCCUPANTS, BASED ON 1992 DONLEY RI REPORT

TENANT	ACTIVITY	TIME PERIOD
Strother Field Commission	Strother Field management	since 1940
U.S. Army Air Force	flight training, aircraft maintenance and repair	1942-1945
Strother Field Sewage Treatment Plant	wastewater treatment	since 1942
Fairchild Engine and Airplane Corp.	Experimental aircraft construction	1946-1949
Smyer Flying Service	air charter, flight instruction, crop dusting	1946-1972
Gordon-Piatt Energy Group	gas-oil burner manufacturer	since 1949
Montgomery Elevator (formerly Western Manufacturing)	elevator manufacturer	since 1949
Pomona Tile	ceramic tile manufacturer	1951-1968
Strother Manufacturing (also Struthers	manufacturer of boilers and heat exchangers	since 1951
Thermo-Flood and Smith-Moon Steel)	used in oil recovery	
General Electric Company	aircraft engine maintenance	since 1951
Greif Bros. Corporation	steel drum manufacturer	since 1955
Central Airlines	passenger airline service	1965
Winwood Industries	wooden trophy base manufacturer	1965-1968
Defore Cafe	food services	1966-1967
Strother Field Restaurant	food services	1967-1983
Cessna Aircraft	aircraft manufacturer	1967-1985
S.L. Mossman	guitar manufacturer	1969-1978
Current Aircraft	air charter, flight instruction, aircraft sales and	since 1969
	rental, car rental, fuel service, maintenance, crop dusting	
Executive Jet Aviation	air frame maintenance	1973-1976
Western Industries	engineering consultants	1973-1986
Morton Buildings	prefabricated metal and wood buildings	since 1974
Haliburton Services	oil field well service	since 1975
Guy's Foods	food product warehousing and distribution	since 1975
Air Center, Inc.	custom aircraft interior manufacturer	1976-1983
Loomis Body Works	antique automobile restorer	1976-1986
Cowley County MR/DD Services	workshop for the handicapped	since 1977
Range Oil	oil field production services	since 1977
Two Radius Bending	heating coil fabrication	1978-1979
Kansas Drivers' Exam Center	motor vehicle operator licenses	1979-1985
KBUZ-FM	radio station	1979-1987
I-Cube	packaged boiler insulation	1980-1984
Meldon Aviation	aircraft sales and charter service	1981-1984
Cowley County Communications (KSOK and KWKS)	radio station	since 1982
Ark Valley Distributors	beer distributors	since 1982
Little Mexico Restaurant	food services	1983-1986
IBM	office and equipment storage	since 1985
World Feed Grain	experimental wheat seed	1986-1987
AT&T	equipment repair	1986-1990
I.U.E. Local #1004	labor union office	since 1986
Brown Aerial Spray	crop dusting	since 1987
K-Square, Inc.	blow-molded plastic manufacturer	since 1988
Home National Bank	banking services	since 1988
Lee Matthews	fan belt distributor	1989-1990
K-Page	telephone paging service	since 1990
Consumer Products, Inc.	truck bed liner warehouse	since 1990
Ark Valley Credit	financial credit union	since 1991

Table 2-2 Strother Field Monitoring Well and Boring Information Completion, Geology, Coordinates and Elevation Data

m/D	Owner / Installer	Date tradables	Serven Type	Meritaing ¹	Easting!	Cooling Store (Mass. Paint)	Total Daysh	Tap Sarvan	Base Screen	Badradi Dapit	Sees of Overburden?	Sand Thickness
										Base Zano C	Base Zane A	
CMWIA	CESSNA MONITORING WELL-GE	02/20/85	MILL SLOT	4996.35	5775.1	1151.02	42	36	41	>42	14	?
CMW1B	CESSNA MONITORING WELL-GE	02/22/45	MILL SLOT	4986.471	5775.02	1151.11	22	10	20	>22	14.5	7
CMW2	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	5366	7105	1146.1	26	12	22	>26	13.5	?
CMW3A	CESSNA MONITORING WELL-GE	02/22/05	MILL BLOT	4968	7118	1145.55	35.5	26	31	35.5	124	23 1
CMW3B	CESSNA MONITORING WELL-GE	02/22/04	MILL SLOT	4968	7118	1145.73	22	12	22	>22	12.4	7
CMV/4	CESSNA MONITORING WELL-GE	02/38/85	MILL SLOT	4472	7104	1151.01	26	13	23	>26	15.5	?
CMW5	CERSNA MONITORING WELL-GE	02/24/65	MALL SLOT	5312.049	6539 855	1149.3	26	12	22	>26	21	,
	BESSNA MONITORING WELL-GE		MILL SLOT	5012.562	6332.731	1151.12	26	13	23	>26	13	2
deres.	GESSNA MONITORING WELL-GE	02/24/85	MILL BLOT	4562.984	6314.218	1151.98	26	13	23	>26	17	?
CMWBA	CESSNA MONITORING WELL-GE	02/26/85	MILL BLOT	4342	7000	1154.76	41	34	39	>41	18.5	3
CMWBB	CESSNA MONITORING WELL-GE	02/23/85	MILL SLOT	4342	7000	1155.38	31	16	26	>31	18.5	2
CMW9	CESSNA MONITORING WELL-GE	02/24/85	MILL SLOT	5202.657	6673.66	1149.24	29.5	12	22	>29.5	20	?
CMW10	CESSMA MONITORING WELL-GE	02/23/05	MELL SLOT	4804	6817	1149.13	26	12	22	>26	15.5	7
CMW11A	CESSNA MONITORING WELL-GE	02/25/06	MILL SLOT	5096.937	6790.385	1148.54	37.2	29	34	36.8	17	19.6
		02/25/85	MALL SLOT	5104.738	6790.242	1148 63	22	12	22	>22	17	7
CMW12 j	L	02/26/85	MILL SLOT	4202 885	6516.022	1153.08	26	14	24	>26	17.5	
CMW13		02/27/ 6 5	MALL SLOT	4564	7842	1145 79	26	14	24	>26	15.5	7
CMW14	CESSNA MONITORING WELL-GE	02/27/85	MILL SLOT	4974 615	7588.617	1147.74	29	19	29	>29	21	3
	GE	06/13/81		6037.207	7162 777	1152 48	31.5	20	30			7
	GE	08/13/61	MILL SLOT	6086 735	7549.323	1155.91	36 5	23	33	>36 .5	20	Š
	GE	06/13/61	MILL SLOT	6035.323	7549 477	1156 04	36.5	23	33	>36 5	20	7
	GE .	00/13/01	MILL SLOT	5990 654	7550 622	1156.13	34 5	21 75	31 75	>34.5	20	?
DM5	GE	05/22/84	MILL SLOT	6043.916	7162 671	1152 31	41	35	40	41	19.5	21 5
	GE	05/23/64	MILL BLOT	5687 494	6653.268	1147.84	36.5	31.5	36 5	36 5	19	17 5
	GE	05/23/84	MILL BLOT	5682 578	6653 567	1147 79	36.5	21	26	36.5	19	17.5
	GE	05/23/64	MILL SLOT	5757.878	5750.929	1150.29	20.5	15	20	>20 5	16	7
	GE	05/24/84		8640	6113	1157.087	25.5	20	25	>25.5		?
	ĢĒ	05/23/84	MILL SLOT	88 67 91	6271 93	1155.75	40 5	35	40		29	י די
	GE	05/23/04		8779.162	6294.363	1156 11	40.5	18	23		29	?
J	GE			9375 187	5692.462	1156.96	25.5	20	25	>25 5	19	,
	GE	05/24/84		8013.68	7103 55	1158 7	45.5	40	45			?
	GE			8006 47	7103 74	1158.62	45 5	25	30		-	?
	GE	04/30/85		9112.94	6238 55	1155 34	25.5	14	24	>25 5		?
	GE			8548 335	6292 905		29 5	15	25	>29 5		,
	GE	05/01/85		8531.314	6115 542	1155 14	28	15	25	-	22 5	,
1				8995 7			L	13			18	?
	GE			8563 658				18	28	>32		?
	GE			7897.36		1153.2	26	11	21			7
	GE	05/07/85		6865 192				11	21	>24 5	13.5	?
							31	15	25	>31		3
	GE	05/07/05		7285.694		1157 67		20	30			2
	GE	05/04/65					26	14.5	24.5			?
	GE	06/06/05		6536 152	7323.292	1155 44		17	27			2
	GE .	05/06/85					29.5	15	25			2
	G€	05/06/65		8360 136		1157.91	34 5	20	30			7
		05/06/65		9425.585		1155.8	29.5	16	26		- 110	?
		06/10/65		8552 392			29 5	15 5	25 5			?
	Ģ€	10/24/65		6488.356			29.5	16.5	26.5	>29 5		?
	QE .			6924 149			31	18.5	20.5	>31		?
		00/21/66		3967.905			42	33	43		29	13
		89/21/88		4108 413			45	35 5	45.5		27	18
GGP3	Greif / Gerden Prett	00/21/08	SAW CUT	4464.696	7937 447	1142.82	32	2 3	33	32	17	15
GT1	7			5721 492	7167.332	1148 42						?
GT2	,			5671	7167	1147 7						3
	,			5560.011	7170.194	1146.98						7

Table 2-2
Strother Field Monitoring Well and Boring Information
Completion, Geology, Coordinates and Elevation Data

we D	Owner / Installer	Date franchis	Screen Type	Marting'	Eastings	Cooling Elev.	Total Depth	Top Screen	3 444	Sedrack Dapel	Stage of	Send
						(Moss. Point)		.,,	Serven		Overturden '	Thickness
GT4	<u> </u>			5646.298		1148 55	<u> </u>			ļ	<u></u>	7
MWIA	KDHE	07/15/86	MILL SLOT			1146.9	36	30	35	36	23	13
MWi	S.b.	00/12/63	<u> </u>	3181.877		1150.27	42	27	37	42	24	18
MWZA	KDHE	07/21/05		3429 667	7234 485	1151.73	41.5	NA .	NA	41.5	23	18.5
MW2	ane	00/12/83	SAW CUT	9716.16	6122.375	1155.21	40	29	30	40	20	20
MMSA	ICHE	87/14/86	MALL BLOT	4449.534	7576.036	1146.62	36.5	31	36	36	15	21
MVV3	SF#	09/13/83	SAW CUT	6176.346	6273.962	1146.63	36	25.5	35.5	36	13	23
MANAA	KOHE	07/16/06	MELL BLOT	4081.058	6854.167	1153.21	42	35	40	40.5	19	21.5
MINAR	KOHE	etness	MALL BLOT	4081.139	6850.326	1154.34	25	18.5	23.5	>25	19	7
MW4	SF P	00/15/65	SAW CUT	5868 638	7660.697	1154.09	41.5	30	40	41.5	21	20.5
MW5	SFIP	00/19/63	BAW CUT	5357.137	7550 137	1151.02	39	26.5	38.5	39	20	19
MW5A	KOHE	@1906	MILL BLOT	4272	7144	7		35 5	40.5	>40.5	20	7
MWGA	KDHE	07/23/06	MULL BLOT	4202.804	6510.21	1153.34	42.5	35.5	40.5	42	19.5	22 5
MW6	WP	98/29/83	SAW CUT	3987.741	8500.132	1140 53	29	19	29	29	18	11
MW7A	KDHE	07/28/96	MILL BLOT	5312.211	6534.677	1149.08	38 5	32.5	37.5	37.5	21	16.5
MW7	KOHE	66/16/85	MILL SLOT	2154.021	8168.086	1154 46	44	32	42	44	22	22
MWB	KDHE	66/20/8 5		2175.115	8446.752	1155.6	43.5	31.8	41.8	43.5	20 5	23
MWSA	KDHE	07/30/06		5433.082	7273.438	1148.29		31.5	36.5	36	16	20
	KDHE	07/30/66		5433.223	7273 4	1148.33	23	17.4	22.4	23	16	3
	KOHE	07/23/85	MILL SLOT	3037 369		1148.27		20	35	>38	15	2
AOIWIA	KOHE	08/04/86	MALL BLOT	4094.032	7306 946	1153.42	43.5	38 6	43 6	43.5	20	23.5
MW118	KOHE	08/08/84	MILL SLOT	5493	4378	2	24 5	195	24.5	>24 5	17	7
	KOHÉ	08/06/96		5493	6375	7	38 7	33 7	38 7	38	17	
P1	Denley	1891					36 /	33 /	36 /		''	21
		1001		3768 276		1143 68			ļ		ļ	?
P2	Dentey	1901	ļ	4214.773		1144 75		ļ				7
P3	Denley			4343 251		1150 92					<u> </u>	,
P4	Dantey	1991		3624.328		1154 08						7
P5	Denley	1961		3361.17	6932 743	1151 45						?
	Œ	10/20/05		8779 162	6294 363	1156.65	42	31	41	41	29	12
Ri1	Dunley	1991		8451 715	6443 173	1155 39						?
R12	Dunley	06/30/91	MRLL SLOT	7995 482	6718 455	1152.76	40	13 5	38 5	39	18 5	20.5
RI3	Denley	08/29/91	MILL SLOT	7580 604	6983 349	1158 06	47	19.5	44.5	45	22 5	22 5
RIA	Darwey	06/27/91	MILL SLOT	7461.817	6456 386	1151.58	38	12 5	37 5	37	18 5	18.5
RI5	Dentey	08/04/91	MILL SLOT	5772 074	6466 963	1148 59	36	9	34	35	12	23
RI6	Dantey	06/03/91	MILL SLOT	6013.574	8657 143	1148 99	37	14	34	36	14 5	21.5
Ri7	Dentey	08/03/91	MILL SLOT	4691 075	8428 606	1143 71	32	11.5	31.5	30 5	16.5	14
RI6	Danley	09/05/91	MILL SLOT	4160 451	6986 231	1156 97	47	21	46	46	22 5	23 5
RWD1	RURAL WATER DIST	03/16/73	DOERR SS	1065 821	9048 053	1157 23	45	33	45	45	25	20
RWD2	RURAL WATER DIST	03/16/73	DOERR SS	1749 735	8532 284	1155.72	46	33	45	46	27	19
RWD3	RURAL WATER DIST	12/29/79	DOERR SS	1547 124	8488 426	1155 13	44	36	44	44	25	19
SFW1	Streeter Freid Supply Well	00/28/42		7550 003		1156.93	44.1			>44 1	25	7
	Stratur Fold Supply Well	08/79/42		7144 786		1156	43 5			>43 5	25 5	7
	Strather Field Supply Well	68/29/42		6755 567		1154.02	41.7			>41 7	23	,
SFW4	Stratur Freid Supply Well	00/20/42	 -	5949 74		1152.06	42 2			>42.2	23	7
	Strether Field Supply Well	06/20/42		5549 446		1152 09	41			741	17.5	2
	Stration Field Supply Wall	00/2042		5083	2003	. , 52 04	41	 _		241	27	2
		63/12/67				1152.02		30 5	42.5	L		?
				6358.104		1152 93	42.5			>42 5	23	
	Strother Freid Supply Well	09/29/71		4998 743		1151.68	43	32	42	43	25	18
	Strather Field Supply Well	10/04/71	BAASS			1153 55	42	32	42	42	25	17
		04/22/06	MRAPPED	9882.99		1163.09		35	45	>45	24	,
SFW11	Strether Field Supply Well	91/24/86	WARE	3454.781	3916 755	1156.65	42	32	42	>42	26	?
SFW12	Stratus Freid Supply Well			4113.657	3905.582	1157.91						?
SFW13	Stratur Field Supply Well	09/20/09	STAINLESS	8588 018	8343 105	1160 92	51	43	51	51	29	22
SFW14	Brother Field Supply Well		STEEL									
AG1	KDHE AUGER HOLE	19/25/63		4427	7500					 	 	7
	IOHE AUGER HOLE	10/25/63		6823	6664		 				 	2
	KOHE AUGER HOLE	10/25/63	 	5201	7185		ļ	ļ	ļ	 	 	2
			لحبيا			ليبييا		L	<u> </u>			Table 2

Table 2-2

Table 2-2 Strother Field Monitoring Well and Boring Information Completion, Geology, Coordinates and Elevation Data

	,				,	,		,				
wee	Owner / Installer	Date traded	Screen Type	Merting'	Entingi	Casing Bov. Moss. Pain@	Total Daysin	Tap Servan	Ress Screen	Bodrak Dapth	See of Overburden?	Sand Thickness
AG4	KOHE AUGER HOLE	10/25/83		8626	6577	 						7
AG5	KOHE AUGER HOLE	10/26/47	1	3825	7690		1					2
AG6	KOHE AUGER HOLE	10/31/83		3585	7400		 		<u> </u>			,
ÁG7	KOHE AUGER HOLE	11/07/03		4196	6794	 	1	 				?
AG8	KOHE AUGER HOLE	11/07/83		8478	7830	 	 	 	 -		i — — — —	,
AG9	KOHE AUGER HOLE	11/15/63	t —	9220	5828	 	 	 	 		 	,
AG10	KOHE AUGER HOLE	11/15/03	 	7906	7016	 					 	7
AG11	KOHE AUGER HOLE	11/16/83	†	7260	7068					·		7
AG12	KOHE AUGER HOLE	11/30/63		9236	6285	 	 					7
AG13	KOHE AUGER HOLE	11/20/83		8893	8432		 		 	<u> </u>		2
ST1	Stratus Field PRPs (AEC)	03/12/07	MILL SLOT	7768.2	8419.8	1156.18	42	20	40	41.5	18	23 5
ST2	Strother Field PRPs (AEC)	80/11/87	MILL SLOT	5767.5	8334.9	1150 07	36.5	16	36	36	20	16
ST3	Strother Field PRPs (AEC)	03/11/07	MILL BLOT	3783.5	8057.1	1144.06	33	12	32	33	18	15
PZ1	SFPRP Prezemeters	09/13/95	MILL SLOT	8950.94	4084.21	1161.32	25	22 5	25	>25	22	2
PZ2	SFPRP Prozemeters	09/13/96	MILL SLOT	8028.52	8071.88	1159.02	24	21.5	24	>24	21	2
PZ3	SFPRP Prezumeters	09/13/96	MILL SLOT	7642 94	8468.47	1154.91	20	17.5	20	>20	17.5	,
PZ4	SFPRP Pazemeters	00/13/06	MILL BLOT	7536.79	8038.19	1158.95	25	22 5	25	>25	20 5	7
PZ5	SFPRF Prezentates	09/12/96	MILL SLOT	7163.75	8040.54	1158	25	22.5	25	>25	20	7
PZ6	SFPRP Pazemeters	99/12/95	MILL BLOT	6765.91	8046	1155 81	20	17.5	20	>20	18	,
PZ7	SFPRP Pazemeters	09/12/96	MILL BLOT	5970.76	8071.3	1154.05	20	17.5	20	>20	16	2
PZ9	SFPRP Prezometers	09/13/96	MILL SLOT	6513 36	9002 4	1146.63	20	17.5	20	>20	15	7
PZ10	SFPRP Prozometers	09/12/96	WILL BLOT	5553 29	8076.75	1153 96	20	17.5	20	>20	18	2
PZ11	SFPRP Prozometers	09/12/96	MILL SLOT	4991 85	8088 86	1152.75	20	17.5	20	>20	18 5	,
PZ12	SFPRP Plezometers	09/12/96	MILL SLOT	4355 69	8347.87	1145 31	20	17.5	20	>20	18	7
HMW1	Heckney Montening Well	00/31/92	MILL SLOT	5954 34	8888 18	1147.89	39	29	39	36	17	19
HMW2	Heckney Monitoring Well	00/01/82	MILL SLOT	5849 67	8972.46	1148 75	39 5	29 5	39 5	37	18	19
HMW3	Heatney Montering Well	09/02/92	MILL BLOT	5400 49	9273 98	1150 75	40	29.5	39 5	39 5	17 5	22
HWWH	Hackney Mondaring Well	00/02/02	MILL SLOT	4993 42	9276 1	1149.05	39 5	29	39	39	18	21
HMW5	Heatiney Montoring Well	98/01/92	MILL SLOT	5204.63	8963 96	1150 5	42.5	32.5	42 5	41.5	18.5	23
HMW6	Hackney Mentaring Well	05/24/84	MILL SLOT	5342 55	8699 21	1151.7	38	27.5	37.5	37	16	21
HMW7	Hackney Montering Well	06/23/94	MILL SLOT	5132.36	8692.61	1149 402	37	26 5	36 5	36	16	20
HMVVB	Hackney Monitoring Well	06/25/94	MILL BLOT	4922.09	8682 64	1148 545	37	26.5	36 5	36	17	19
HMW9	Heckney Montering Well	05/26/94	MILL SLOT	4902 17	8686 12	1148.266	36	25 5	35 5	35 5	17	18 5
HMW10	Hackney Mentering Well	05/26/94	MILL SLOT	4921 78	8667.64	1148 041	36	25 5	35.5	35	16	19
JDN-HSE	Hackney Private Well	 		2513 158	8882 285	1154.18				<u> </u>		,
DYH-MOL	Hackney Private Wet	1		2673 626	8832 06	1154 16						7
CDOP	Hackney Private Well	 		5452 763	9193 019	1153 78			<u> </u>			2
GB1	Greif Brothers Well	12/05/93	MILL SLOT	3566 613	6873 98	1155 96	43 5	33	43	43	24 5	18 5
GB2	Greif Brothers Well	12/05/93	MILL SLOT	3837 517	6874 053	1154 97	43 5	33	43	43	21	22

Footnotes

- 1 Estimated northings and eastings are note in BOLD and ITALIC
- 2 Based on geologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps

Table 2-3
Geologic Zones Intersected by Strother Field Monitoring Wells

****	Total Dapels	Top Screen	Serven	Bodrock Dayth	See of Desturber	Send Thistoppe	Sand Trickness	Calculated Saco Zaco S	Serven Intercept	Screan Intercept Upper Sand?	Server Intercept	Shallow, Deep or Both?
							(met) *		Chay?	4	Lower Sand?	
CMWIA	42	36	41	>42	14	?	28	30.8	NO	NO	YES	deep
CMW1B	22	10	20	>22	14.5	?	28	31.3	YES	YES	NO	shallow
CMW2	26	12	22	>26	13.5	?	20	25.5	YES	YES	NO	shallow
CMW3A	35.5	26	31	35.5	12.4	23.1	23.1	26.26	NO	YES	YES	deep
CMW3B	22	12	22	>22	12.4	?	23	26.2	YES	YES	NO	shallow
CMW	26	13	23	>26	15.5	,	20.5	27.8	YES	YES	NO	shallow
CMW5	26	12	22	>26	21	?	16.5	30.9	YES	YES	NO	shallow
CMM6	26	13	23	>26	13	?	19	24.4	NO	YES	NO	shallow
CMW7	26	13	23	>26	17	2	19.5	28.7	YES	YES	NO	shallow
CMWGA	41	34	39	241	18.5	?	22.5	32	NO	NO	YES	deep
CMWeB	31	16	26	>31	18.5	?	22 5	32	YES	YES	NO	shallow
CMW9	29.5	12	22	>29.5	20	,	18	30.8	YES	YES	NO	shallow
CMW10	26	12	22	>26	15.5	,	18	26.3	YES	YES	NO	shallow
CMW11A	37.2	29	34	36.8	17	19.8	20	29	NO	YES	YES	deep
CMW11B	22	12	22	>22	17	?	20	29	YES	YES	NO	shallow
CMW12	26	14	24	>26	17.5	7	22.5	31	YES	YES	NO	shallow
CMW13	26	14	24	>26	15.5	2	21	28.1	YES	YES	NO	shallow
CMW14	29	19	29	>29	21	7	20	33	YES	YES	NO	shallow
DM1	31.5	20	30	>31.5	20	7	21 5	32.9	NO	YES	NO	shallow
DM2	36.5	23	33	>36.5	20	7	21	32.6	NO	YES	YES	both
DM3	36 5	23	33	>36 5	20	2	21	32.6	NO	YES	YES	both
DM4	34.5	21 75	31 75	>34 5	20	7	21	32.6	NO	YES	NO	shallow
DM5	41	35	40	41	19.5	21.5	21 5	32 4	NO	NO	YES	deep
DM6	36 5	31 5	36 5	36 5	19	17 5	17.5	29.5	NO	NO	YES	deep
DM7	36 5	21	26	36 5	19	17.5	17.5	29 5	NO	YES	NO	shallow
DM8	20.5	15	20	>20.5	16	7	23	29.8	YES	YES	NO	shallow
DM9	25.5	20	25	>25 5	29	2	13	36.8	YES	YES	NO	shallow
DM10	40.5	35	40	>40.5	29	2	13	36.8	NO	YES	YES	deep
DM11	40.5	18	23	>40 5	29	2	12	36.2	YES	YES	NO	shallow
DM12	25 5	20	25	>25.5	19	7	18	29.8	NO	YES	NO	shallow
OM13	45 5	40	45	>45.5	24	2	21.5	36 9	NO	NO	YES	deep
DM14	45 5	25	30	>45 5	24	2	21.5	36.9	NO	YES	NO	shallow
DM15	25.5	14	24	>25 5	24	2	15	33	YES	YES	NO	shallow
DM16	29 5	15	25	>29 5	21	?	14	29 4	YES	YES	NO	shallow
DM17	28	15	25	>28	22 5	3	14	30.9	YES	YES	NO	shallow
DM18	26	13	23	>26	18	7	15	27	YES	YES	NO	shallow
DM19	32	18	28	>32	18	2	18 5	29.1	NO	YES	NO	shallow
	1		21	>26	17 5	7	17	27.7	YES	YES	NO	shallow
			21	>24.5	13 5	2	21	26.1	YES	YES	NO	shallow
			25	>31	18	?	21	30.6	YES	YES	NO	shallow
			30		23.5	?	22 5	37	YES	YES	NO	shallow
			24.5	>26	17	3	21 5	29.9	YES	YES	NO	shallow
			27	>29.5	17.5	?	21.5	30.4	YES	YES	NO	shallow
			25	>29.5	20	?	17.5	30.5	YES	YES	NO	shallow
			30	>34.5	21	?	21.5	33.9	YES	YES	NO	shallow
			26	>29.5	24.5	?	17.5	35	YES	YES	NO	shallow
DM29 2	29.5	15.5	25 5	>29.5	22.5	2	16	32.1	YES	YES	NO	shallow
DM30 2	29 5	16.5	26.5	>29 5	16	?	21 5	28.9	NO	YES	NO	shallow
DM31	31	18.5	28.5	>31	18.5	2	22.5	32	NO	YES	NO	shallow
GGP1	42	33	43	42	29	13	13	36.8	NO	YES	YES	deep
GGP2	45	35 5	45.5	45	27	18	18	37.8	NO	YES	YES	deep
GGP3	32	23	33	32	17	15	15	26	NO	YES	YES	deep
GT1						3	?	?	?	?	?	shallow
						?	7	?	2	?	?	shallow
GT2	ļ						ł ·	1.	1	ł'	l '	Jan. 18.11011

Table 2-3 Geologic Zones Intersected by Strother Field Monitoring Wells

							,					
PH-2 20	Total Dapph	Top Serven	Series Series	Bodrat Dupth	Base of Overburden	Sand Thickness	Sand Thickness (set.) ²	Calculated Base Zero B	Serven betweept Clay?	Screen intercept Upper Sand?	Serven Intercept Lourer Send?	Shulton, Done or Both?
GT4						?	7	?	?	7	?	shallow
MW1A	36	30	35	36	23	13	13	30.8	NO	YES	YES	qeeb
MW1	42	27	37	42	24	18	18	34.8	NO	YES	YES	both
MW2A	41.5	NA	NA .	41.5	23	18.5	18.5	34.1	NO	NO	YES	deep
MW2	40	29	39	40	20	20	20	32	NO	YES	YES	deep
MW3A	36.5	31	36	36	15	21	21	27.6	NO	NO	YES	dee p
MVV3	36	25.5	35.5	36	13	23	23	26.8	NO	YES	YES	deep
MWMA	42	35	40	40.5		21.5	21.5	31.9	NO	NO	YES	deep
MW4B	25	18.5	23.5	>25	19	?	21.5	31.9	YES	YES	NO	shallow
MV	41.5	30	40		21	20.5	20.5	33.3	NO	YES	YES	deep
MW5	39	26.5	38.5	39	20	18	19	31.4	NO	YES	YES	deep
MIVVSA		35.5	40.5	>40.5	20	?	23	33.8	NO	NO	YES	deep
MW6A	42.5	35.5	40.5	42	19.5	22.5	22.5	33	NO	NO	YES	deep
MW6	29	19	29	29	18	11	11	24.6	NO	YES	YES	both
MW7A	38.5	32.5	37.5	37.5	21	16.5	16.5	30.9	NO	NO	YES	deep
MW7	44	32	42	L		22	22	35.2	NO	YES	YES	deep
MW8	43.5	31.8	41.8	43.5		23	23	34.3	NO	YES	YES	deep
ARWM	36 5	31.5	36 5	36	16	20	20	28	NO	NO	YES	deep
MW98	23	17.4	22 4	>23		?	20	28	NO	YES	NO	shallow
MW9	38	20	35	>38	15	3	19	26 4	NO	YES	YES	deep
MW10A	43 5	38.6	43 6	43.5		23.5	23.5	34.1	NO	NO	YES	deep
MW11B	24 5		24.5	>24.5	17	?	21	29.6	NO	YES	NO	shallow
MW11A	38.7	33 7	38 7	38	17	21	21	29.6	NO	NO	YES	deep
P1						3	?	?	NO	3	NO	shallow
P2						?	?	?	NO	?	NO	shallow
P3						2	,	?	NO	?	NO	shallow
P4						?	?	?	NO	?	NO	shallow
P5	12				20	3	7	?	NO	?	NO	shallow
REM1	42	31	41	41	29	12	12	36.2	NO	YES	YES	both
RI1 RI2	40	13.5	38 5	39	18.5	20 5	16 20 5	9.6	NO	YES	NO	both
	47	19.5	44 5	45	22.5	20 5	22.5	30.8	YES	YES	YES	both
	38		37 5	37	18 5	18 5	18 5	36	YES	YE\$	YES	both
RIS		9	34	35		23	23	29 6 25 8	YES	YES	YES	both
	37	14	34	36		21 5	21 5	27.4	YES	YES	YES	both
Ri7	32		31 5	30 5	16.5	14	14	24.9	YES	YES	YES	both
RiB	47	21	46	46	22.5	23 5	22 4	20.0	YES	YES	YES	
	45		45	45	22 5 25	20	20	36.6	NO	YES	YES	deep
1	46	33	45		27	19	19	38.4	NO	YES	YES	deep
	44	36	44		25	19	19	36.4	NO	YES	YES	deep
	44 1	-				3	23	38.8	YES	YES	NO.	deep
	43 5		 		25 5	?	22 5	39	YES	YES	NO	deep
	41 7				23	7	22	36.2	YES	YES	NO	deep
	42.2				23	2	19	34.4	YES	YES	NO	deep
	41					,	18	28.3	YES	YES	NO	deep
	41				27	7	18	37.8	YES		NO	deep
1		30 5	42 5		23	7	21	35.6	NO	YES	YES	deep
1			42		25	18	18	35.8	NO	YES	YES	deep
			42			17	17	35.2	NO	YES	YES	deep
l			45		24	?	21	36.6	NO	YES	YES	deep
			42	>42	26	?	,	?	NO	NO	YES	deep
SFW12	-		-			2	7	?	NO	?	NO	deep
	51	43	51	51	29		22	42.2	NO	YES	YES	deep
SFW14	-						Γ	2		1.23	, 23	
AG1						7	2					deep
AG2						2	2	?	NC.	2	NO	shallow
AG3						2	2	?	NO	?	NO NO	shallow
	1							?	NO	?	NO	shallow Tr

Table 2-3 Page 2 of 3

Table 2-3 Geologic Zones Intersected by Strother Field Monitoring Wells

W-20	Total Dapth	Tep Screen	Anne Serven	Sedred Days	Base of Overhander	Sand Thjelmas	Sand Thickness (nat.) ²	Calculated Base Zarro B	Screen Intercept Chap?	Serven Intercept Upper Send?	Screen Intercept Lawrer Sand?	Shadow, Don or Body?
AG4			(?	?	?	NO	?	NO	shallow
AG5						7	7	?	NO	?	NO	shallow
AG6						7	?	?	NO	7	NO	shallow
AG7						?	7	?	NO	?	NO	shallow
AG8						?	7	?	NO	?	NO	shallow
AG9						?	7	2	NO	?	NO	shallow
AG10	1	i				?	?	7	NO	?	NO	shallow
AG11						?	?	?	NO	7	NO	shallow
AG12						7	?	?	NO	?	NO	shallow
AG13						7	2	?	NO	?	NO	shallow
ST1	42	20	40	41.5	18	23.5	23.5	32.1	NO	YES	YES	both
ST2	36.5	16	36	36	20	16	16	29.6	YES	YES	YES	both
ST3	33	12	32	33	16	15	15	27	YES	YES	YES	both
PZ1	25	22.5	25	>25	22	?	22	35.2	NO	YES	NO	shallow
P22	24	21.5	24	>24	21	?	23	34.8	NO	YES	NO	shallow
PZ3	20	17.5	20	>20	17.5	?	23	31.3	NO	YES	NO	shallow
PZ4	25	22.5	25	>25	20.5	7	23.5	34.6	NO	YES	NO	shallow
PZ5	25	22 5	25	>25	20	?	22.5	33.5	NO	YES	NO	shallow
PZ6	20	17.5	20	>20	18	2	22	31.2	YES	YES	NO	shallow
PZ7	20	17.5	20	>20	16	2	19.5	27.7	NO	YES	NO	shallow
PZ9	20	17.5	20	>20	15	2	22	28.2	NO	YES	NO	shallow
PZ10	20	17.5	20	>20	18	7	18 5	29.1	YES	YES	NO	shallow
PZ11	20	17 5	20	>20	18.5	7	18	29.3	YES	YES	NO	shallow
PZ12	20	17.5	20	>20	18	2	12	25.2	YES	YES	NO	shallow
HMW1	39	29	39	36	17	19	19	28.4	NO	YES	YES	deep
HMVV2	39 5	29 5	39 5	37	18	19	19	29 4	NO	YES	YES	deep
HMIV/3	40	29 5	39 5	39.5	17 5	22	22	30.7	NO	YES	YES	deep
HMVV4	39.5	29	39	39	18	21	21	30.6	NO	YES	YES	deep
HMW5	42 5	32 5	42 5	41.5	18.5	23	23	32.3	NO	YES	YES	deep
HMW6	38	27 5	37.5	37	16	21	21	28.6	NO	YES	YES	deep
HMW7	37	26 5	36 5	36	16	20	20	28	NO	YES	YES	deep
HMW8	37	26.5	36 5	36	17	19	19	28 4	NO	YES	YES	deep
HMW9	36	25 5	35 5	35 5	17	18 5	18.5	28 1	NO	YES	YES	deep
HMW10	36	25 5	35 5	35	16	19	19	27 4	NO	YES	YES	deep
JON-HSE						2	 	2	2	2	2	
JON-HYD	1					,	 	2	2	?	?	 -
COOP	 					3	 	7	2	2	2	
GB1	43 5	33	43	43	24 5	18 5	18 5	35 6	NO	YES	YES	deep
GB2	43 5	33	43	43	21	22	22	34.2	NO	YES	YES	deep

Footnotes

Based on peologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps.
 Based on peologic and drillers logs, where available. Values in Bold and Italic have been estimated from isopach maps.
 Zone C Placed at 50% of the estimated sand thickness.

Table 2-4 Summary Of KDHE Chemical Data KDHE 5/18/83

						,							<u>5/18/83</u>		,									
i	101		9 1	á	(a) 35 C	25-0	2):-1C	lecture and man		1,12-1-12	let actes or here	Tabout 1	Olice alenver	[hy-Beven	1,2-Dicker eltenzene	(see)	ca-12 KG	bers - 1,2 000	Carbon Dayler	Obestern	Carbon let achteride) - Manuer	Methylene Dates	late VCCs
CHANIA	ME	AS	MS	MS	AS	MS		MS	MS		NS	NS	MS	AS	MS	NS			NS	MS	MS	MS	NS	NS -
CHANNE	ME	MS_	NS .	MS		MB			MS	AS .	NS	NS	MS	MS					MS	MS	NS	MS	NS	NS
CHANG	MS	MS	MS	NS	A/S	NS NS		AIS	MS MS	AS AS	MS MS	NS NS	NS NS	MS MS				MS MS	NS NS	MS MS	NS	NS	NS NS	AS
CHANGE	MS	MS MS	MS	MS	4	AS	AS		ME	AS	AS -	MS	MS	MS					MS	MS	NS NS	MS	MS MS	NS NS
CHAMS	AS .		AS	AS	MS				ME	MS	NS	MS		NS		AS -		NS	MS -	NS	AS	MS	NS -	AS -
CMMS	MS	iA/S	MS	MS		AS			MS	MS	NS	MS	MS	NS	NS	NS	NS	MS		NS .	NS	MS .	NS	MS
CMMB 1	MS	AS	AS	MS					AS		MS	ALS		MS		NS		MS	NS	MS	NS	AS	NS	NS
Carr	MB	MS	MS MS	MS		MS MS		MS MS	MS MS	MS MS	AS	NS NS		MS		NS NS		NS	MS MS	AS AS	MS	NS	NS	MS
CHANGA	MS MS	MS	-MS	NS		MS		A43	MS		MS	NS		MS					MS	AS	NS	NS NS	NS NS	MS
CAMO	MS	'MS	NS	MS	148	MS	AS		AS		MS	MS	MS	NS	4				MS	MS	NS	NS	NS	MS
CMWINS	MS	MS	NS	NS		ME			MS	MS	NS	NS .		MS	NS			MS	NS	MS	NS	AS	MS	AS
CHWITA	AS	MS	ACS	AS		MS	MS	AIS	MS	MS MS	MS	MS		MS					MS	MS	AS	MS	MS	MS
CHWIII	NS	MS	NS NS	NS NS	MS	MS	MS	AG	ACS	A42	MS	NS NS	MS	NS NS					MS MS	MS	AS	NS	NS	MS
CHANIS	AS	MS		-MS		MS	AS	MS	MB MB	ALS	AS	NS		MS		NS NS		NS NS	MS	NS NS	NS NS	MS	NS NS	MS
CMM14	MS -	MS	NS.		MB MS	NS	AS .	MS		AE AS	MS	NS		NS NS				NS	MS	AS	AS	AS	MS	MS
DM1	MS	MS	NS	NS		MS			MS	MS	NS	MS				NS			MS	NS	N3	NS .	MS MS	MS
OM5	AS	MS	AS	NS NS		MS MS			MS	MS	MS	NS		AS					MS	MS	NS	NS	MS	MS
DM3	MS MS	NS NS	NS NS	AS	AS AS	MS	MS		AS	AS AS	8N ZM	NS	NS NS	MS		· -~		NS NS	MS MS	MS MS	MS	NS	MS	MS
DMS	MS	MS				MS	MS		MS .	AS	MS	NS	NS.	NS		h		AS	MS	MS	NS NS	NS NS	NS NS	AS AS
DMA	MS	MS	NS	MS	AS	'MS	MS		MS MS	AIS AIS	MS	AS	MS	MS					MS	MS.	NS	MS	NS -	MS
OM7	NS	MS	MS	NS	MB	MS				MS	MS	NS	NS	MS				MS	M\$	AS	MS	N3	AS .	NS
DAMB	MS	SMS	A/S	MS	ASE NES	MS	AS	MS	MS	A/S	AS ZW	MS MS		NS		NS NS	NS	MS MS	MS MS MS	MS MS	NS	MS	NS	MS
DM1Hd	,700 NS				AS	ACS	MS	AS -	MS	AS	AS	MS		MS					MS		NS NE	MS MS	NS	NS
DM11	MS	NS	MS	NS NS	MS	MS MS			ME	ACS	MS	MS	NS	MS				AS	MS		NS	MS		MS
OM15	MS .	NS .	NS .	MS	MS	MS		MS	ACS	MS	MS	MS	1	MS					MS		MS	M\$	MS MS	NS
DM13	ME	MS	.MS	MS	MS MS	MS	ACS	MS MS	MS .	NS NS	MS	NS NS		MS				MS .	MS		MS	AS	NS	MS
DM14	NS	NS NS	NS AS	MS MS	_ME	NS	MS		AS	ACS	MS	MS	NS NS	NS NS				NS NS	MS MS		NS NS	NS NS	NS	MS NS
OM 16	ACS	N/S	MB	- MS	NS .	MS	NS -	MS	ACS	AS AS	MS	MS	AS	MS				AS			AS	AS	MS	I
OM17	MS	MS	NS	AS	MS	ME	MS	MS MS	MS	A/S	MS	MS	MS	MS	MS	MS	MS MS	MS	MS MB		NS	NS.	NS NS	NS -
DM14	MS	MS	MS	AS	MS	ME	MS	MS MS	ME	ACS	MS	MS	MS	MS					MS			AS .	MS	MS
DM10	NS NS	MS	MS MS	ALS ALS	MS MS	MS	AS		ACS	AS .	MS	ACS	AS	NS NS				NS NS	MS		MS .		NS	MS
DMS1	NS		AS -	_AS	MS	AS	N3		ACS	NS .	AS	MS	MS	MS -					MS		MS EM	AIS AIS		NS NS
OM22	NS	MS	AS	NS	MS	AS	A/S	MS MS	MS	ACS	MS	MS	MS	NS					MS					MS
OM23	ME	MS	MS	NS	148	NS		MS	AS	MS	AIS	WS	MS	AS				MS	MS	MS	MS	MS	MS	MS
DM24	AS	AIS	AS	MS	A43	MS	AS	MS	MS	MS	MS NS	MS MS	AS AS	NS .					W3		W3	AIS .	MS	MS
DM26	MS MS	MS MS	NS NS	MS NS	MS	MS MS	MS	MS MS	MS MS	AS	MS	MS	AS	MS MS		NS NS		NS NS	MS		MS EM	A/S A/S		NS NS
0427		WS	AS -	MS	AS	AS	MS	MS	AS	AS	MS	ME	ACS	MS					MS					MS -
DNI20	MS	MS	NS	NS EM	MS	MS	AS .	MS	MS	MS	MS	NS	MS .	MS				MS	MS	NS	ME	AIS .	MS	MS .
DM20	MS	MS	NS	'AGS	MS	NS .	MS	ACS	AUS	MS	M3	NS		MS	NS	MS		NS	MS	MS	NS	AS	MS	MS
DAISHS.	ACS	MS	M3	NS	ME	AS	MS MS	AIS .	MB	MS	MS MS	MS	AG	MS MS	MS	AS	MS	MS	MS		AS	MS MS	AS AS	MS
GGP1	MS	MS MS	NS NS	MS MS	MS MS	MS	MS	NS NS	MS MS	MS MS	AG		MS	MS				ME MS	MS MS		MS	MS	NS	W2
GGP2	AS		- MS	MS	AS	MS	NS	MS	MS	MS	AS	MS	NS	AS					MS				MS	I
GGP3	MS	MS	MS	NS .		MS	MS -	MS	MS	MS	MS	MS	NS	NS		MS	NS	AS	MS -				MS	MS -
GTI	MS	A/S	WS	AS .	MS MS	MS	AS	MS	MS	MS	MS	MS		MS	MS	MS	MS	MS	MS	+	NS .	MS	NS	MS
GT2	AIS .	MS	NS	AS	AS	MS	MS	MS	MS	NS	ME	- NS		ACS		NS			MS	KS	MS	M5	NS .	MS
GT3 GT4	NS NS	AS	NS	NS NS	AS	NS NS	MS MS	AS	MS	NS	MS -	MS MS	AS	art			NS	AIS ME	MS	MS M		MS .	AS	AIS
MAYLA	MS.		MS		NS	MS	MS	AS AS	MS MS	MS	AS	NS		MS		NS	AS	ME MS MS	MS		NS NS	EM ZM	MS MS	NS NS
MWI	MS		MS	MS MS	AS	AS	NS NS	MS	MS	AS EM	MS MS	NS	AS	AS	AS AS	NS	MS	MS	MS MS	100	NS	AS	MS	ACS
																				<u>-</u>				

Table .

Summary Of KDHE Chemical Data
KDHE 6/18/83

													KUHE	5/18/83	,	,									
2				g	5	(bje) (DU-C)	29.62	2315	Topic .	Į,	1.12-Inchischere	let achterochere	Iduce	Older aben rene	[hyl-Bervane	1,2 - Decharabenzare	lytore (1010)	os-12 0G	Mars - 1.2 DQ	Carbon Produce	Otto	Carbon letrachorate	2 · Bulenanc	McDylen: Okrack	Teled VOCs
MANDA	MS	NS		S	vs	MS	MS	NS	MS	MS	N2	NS	MS -	NS	NS	NS .	NS	MS	MS	MS	MS	MS	MS	Me	M4
MARE	MS	MS		S A	vs	MS	MS	NS	MS	MS	MS	MS	NS	NS	NS	NS	NS	MS	NS	NS.	MS	MS	MS	NS	MS -
	MS	MS				MS	MS	WS	MS	ACS	MS	MS	MS	MS	MS	MS	NS	MS	NS	MS	AS	NS	MS -	MS	NS
	MS	MS MS					MS MS	NS NS	MS MS	AS	NS NS	NS	NS NS	AS	NS	MS	NS	MS	MS	MS	NS	NS .	MS	NS	MS
	NS NS	RS				MS	MS	MS	MS MS	MS	NS	NS NS	NS	NS	NS	MS	MS	NS NS	MS MS	AS	NS NS	NS .	MS	MS	NS
	 MS	AS			vs —— ∤	AS	MS	AS	- AS	MS	MS -	MS	NS	NS	NS -	NS.	NS -	MS	MS	MS MS	NS NS	NS	NS	NS NS	NS
	MS	NS		S	VS		MS	MS	NS	MS	NS.	NS.	NS	MS	NS	MS	NS	NS -	MS	WS	MS	MS	MS		MS
	MS	NS					MS	NS .	MS MS	MS	MS	NS	NS	MS	MS	MS	NS	NS	NS.	NS	NS	NS	MS	NS NS	MS
	MS_	NS NS				NS NS	MS	MS	MS MS	AS AS	MS	NS NS	NS NS	MS	MS MS	NS.	NS	AS	NS NS	MS	MS	MS	NS	NS NS	NS
	AS	NS			vs	A43	MS	AS		AS	NS -	MS	MS	MS	MS	NS	NS	MS AS	MS .	NS NS	MS	NS NS	MS MS	NS NS	MS
	NS	AS			48	MS	MS	MS -		MS	MS	MS	MS	MS	NS	MS	NS	MS	MS	AS	NS NS	NS	MS	NS -	
	MS	NS		\$	WS I		MS	MS	MS	MS	NS	NS	MS	MS	MS	MS	NS	AIS	MS	MS	MS	MS	NS	MS	NS NS
	NS NS	NS		<u>.</u>		NS NS	NS .	MS	NS NS	AS	MS	NS	MS	MS	MS	NS.	NS .	MS MS	NS	MS	MS	NS	NS	MS	NS
	MS	,#3				MS	MS MS	NS NS		MS MS	AS SA	NS NS	NS NS	NS NS	NS NS	NS NS	NS	NS NS	MS MS	MS	NS .	NS	MS	MS	AS
	AS	MS					MS	AS -		MS	NS	NS .	MS	MS	MS	MS	NS	NS NS	NS NS	NS NS	NS	NS NS	NS	NS	NS NS
	MS	MS		3^		MS	MS	MS		MS	MS	MS	MS	MS	NS	MS	NS	MS	NS	MS	NS	NS	MS	MS	MS
MWITA	AS	MS		S	45	MS	MS	MS	MS.	MS	MS	MS	MS	MS	NS	MS	NS	MS	MS	MS	N3	NS	MS	MS	NS
P)	MS	,MS		· · ·	42 73	MS	MS	AS		MS	MS MS	NS NS	NS NS	NS	MS	NS	MS	NS NS	MS	MS	43	MS	AS	MS	MS
	MS	AS			vi3	NS	MS	AS	AS	MS	MS .	MS	NS	AS	MS	NS	NS	MS	NS NS	MS MS	45	NS NS	NS NS	MS MS	AS
	MS	MS				MS	NS	MS	MS	MS	NS.	NS	MS	NS	MS	MS	NS	MS MS	NS	NS	NS -	NS	NS -	MS	- MS
	MS	MS			v8		MS	NS .	MS	MS	MS	NS	MS MS	MS	MS	NS	MS	NS	NS	AIS	NS	NS	NS	ins	NS
	NS NS	NS NS			45	MS	MS MS	AS	MS	AS	MS	AS		MS	MS	MS	NS	MS	MS	MS	NS	NS	MS	NS	NS
	MS -			B	us .	MS	NS	NS NS	MS	ZM ZM	MS MS	NS NS	24 24	NS	NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS	NS NS	_ AS
RL)	MS	AS		5	V3	NS		MS	AS AB	MS		MS	MS	MS	NS	NS	AS -	NS -	NS	MS	45	NS	.NS	NS	NS NS
	NS _					NS	MS	MS		MS	MS MS MS	MS	MS	MS	MS	NS	MS	NS	MS	MS	45	NS	INS		AS
	MS MS	NS				MS	MS	MS		AS	NS	MS	MS	AS	MS	MS.	MS	MS	MS	NS	MS	MS	MS	NS NS	MS
	MS				45	MS MS MS	MS	AS	AS	MS	AS	MS MS	MS MS	MS	2M ZM	NS	NS NS	NS NS	NS ZN	MS MS	MS	MS	MS	MS	NS
Rea	NS	AS			vs	MS		AS	MS -	MS	MS	MS	MS	AIS	AS	NS	NS	ALS	NS	MS	NS NS	MS MS	NS NS	MS	- NS
	NO 🛒	NO		N		NA	MD MD	NO	MS MD	MO	NO	NA	HO	ND	NO	NA .	ND	NA.	NO	MA -	.NA	NA.	NA.	NA	NS
	MS_	MS			VS	MS	MS	AS	MS	MS	MS	MA MD	MS	AS	NS	NS	NS	MS	MS	AS	MS	MS	MS	NS	AS
	ND ND	NO NO		3.7. ^M	3.6	NA	NO NO	ND	MO	ND_	MD MD	MA	MD MD	ND	HD	NA NA	NO	NA	NO	MA		M	NA	NA	MS
	M\$	NS			es			MS	AS SA	MS	MS	NS -	MS	ND NS	NO NS	NS	NA NS	NA NS	NS 124	MA ACS	ND MS	ND NS	NA .	ND	730 8
	MS	NS	M.	3 A	15	ALS	ACS ACS	MS	ME	MS	MS MS		NS	NS	NS	WS.	NS -		MS EM	MS	NS	NS -	NS	NS NS	NS.
	ND	MO	· ·	77.9	3.5	MA		12	786	MD	ND	14 (NS ND	NO	NO	NA	NA	MS MA	25.0	MA	NO T		NA]	8 1037
SFW5	NS NS	MS , MS		··· · <u>^</u>	45	MS	MS	. NS	MS MS	MS	MS	A/S	NS NS	MS	MS	NS	NS	MS	NS	AS	MS	NS	NS	MS	NS
	MS .	, AS	lac	A	VS	AS	AS	AS	- AS	MS	MS MS	NS	MS	NS NS	NS	MS	NS	NS NS	MS MS	MS MS	NS NS	NS NS	MS	NS	NS
SFWE	NO	MO		147	4.1		! ;	2	6 3670	MO	1:	421	NO	NO	NO	NA .	NA	NS NA		NS NA		NO	NS	NS	AS 8750
	MS	AS			v3		MS	MS		ACS	MS	MS	MS	MS	MS	MS	NS		NS	MS	MS	MS	NS	NS	NS.
	NS	NS				A/S	MS	MS		MS	NS	MS	NS	MS	AS	MS	NS	MS	NS	MS	MS	NS	NS	NS	NS
	MS MS	NS.				AS	MS	AIS	AS	MS MS	AS	NS	NS ZM	MS	NS NS	MS	MS	NS	MS	MS MS	NS	NS	NS	NS NS	NS
	AS -				WS	MS	MS	AS .	MS	AS -	MS	MS	MS	MS	MS	MS	NS NS	NS NS	MS MS	MS MS	NS NS	NS NS		NS NS	'NS
SFW14	MS	MS		5 A	48	AS	MS	MS	MS	MS	MS	MS	MS	NS -	MS	NS	NS	MS	MS	AS	MS		NS NS	MS .	MS _
AG1	MS	NS			WS	MS	MS	MS	MS MS	MS	MS	MS	MS	AIS	M3	NS	MS	MS	MS	MS -		MS	NS NS	NS	MS
AG3	M\$	AS			45	MS	MS	MS		MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS		NS	MS
AG4	AS	AS		!A		#45	MS	MS	AS AS	MS	NS	MS	NS NS	WS	NS NS	MS	NS	NS	MS	MS	MS	NS	NS	NS	MS
	MS	NS			vs	MS	NS -	- AS	MS	AS	MS	MS	NS	MS	NS NS	MS	NS	MS	MS MS	MS MS	MS	MS	NS NS	NS NS	NS NS
	NS NS	MS	M	5 A	VS .	AS	AS	AS		MS	AS AS	AS	AS	NS	MS	NS .	NS NS	NS	MS.	MS	AS AS	MS	.WS	NS.	MS MS
AG7	MS	MS	N	\$ 'A	VE .	MS	MB	MS	MS	MS	MS	MS	MS	MS	MS	AS.	NS	MS	NS	MS			NS	NS .	NS
-	_																								

Table Summary Of KDHE Chemical Data KDHE 6/18/83

												. BUHE	5/18/83											
î	100		9	58	(James) 120-C1	12-62	3 -177	1000		1,12-Incherothere	let scharce here	<u> </u>	Dika apanzene	Elleyi - Benzene	1,2-Dichler obenzere	Spare (ISIA)	SS-1.7 DCI	Mars - 1,2 003	Certon Desdate	Oterstorn	Carbon lefrachtoride	7 - Padonere	Methylare Distract	fole VCCs
104	ME	2M	NS	MS	MS	MS	NS	NS	NS	NS	AS	MS	NS	NS	MS	NS	NS	NS	24	MS		MS	NS -	MS
AGO	AS	AS	MS	MS	MS	MS	A/S	MS	MS	NS	NS .	MS	MS	NS	NS	NS	MS	ACS	A/S		MS	AS	NS	
ACINE	MB	MS	MS	MS	MS	A/S	MS	MS	MS	MS	NS	MS	NS.	NS	MS	MS	NS	MS	MS		NS	MS	AS	WS
AGII	AS	MS	MS	MS	NS .	ALS	MS	MS	ME	EM	NS	MS	MS	NS	NS	NS	NS	MS	AS		NS	NS	AS	ME
AG13	AS	NS	NS	AS .	NS	ME	MS	AS	MS	AS	MS	MS	MS	MS	NS	NS	NS .	MS	A/S		AS -	MS	MS	ACS
AQ13	MS	MS	ME	MS	MS	MB	ACE	MS	MS	MS	MS	MS	MS	NS	MS	MS	MS	MS	MS		NS	AS	MS	AS -
871	.NS	AS	NS.	AIS	MS	ME	NS	AS	AS	NS		N\$	MS	NS	MS	MS	NS	ALS	NS	MS	NS	MS	NS	AS
813	AS	MS	NS	MS	NS	MS MS	MS	MS	MS	MS	NS	MS	MS	MS	NS	MS	MS	AS	NS	NS	MS	MS	NS	MS
873	MS	NS	AIS	AS	AS	NS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS	NS	MS	MS	AS.	NS	AS	NS	MS
PZ1	MS	MS	NS .	MS	MS	MS	MS	MS MS	MS	MS .	NS	MS	MS	MS	MS	MS MS	MS	NS	MS	MS	MS	NS	MS	MS
PZZ	MS	MS	8	MS	MS	MS	MS	AS	MS	ZW	NS	MS	NS	MS	NS	NS .	MS	MS	ME	MS	MS	NS	NS	NS
PZI	_AS	^{MS}	NS	_MS	MS	MS	MS	AS	MS	MS	MS	NS	MS	MS	NS	NS	NS	NS	MS	ME	N\$	NS	NS	AS
P24	_AS	AS	A3	MS	NS	MS	WE	MB	NS.	MS	MS	AS	AS	MS	MS	MS	NS	MS	ME	MB	MS	NS	MS	MS
PZS	MS	MS		ACS	_ MS	MB	MS	MS	MS	AS	NS	MS	MS	MS	NS	MS	MS	MS	MS	N3	MS	NS	MS	NS
P24	MS	MS	^{MS}	NS	M3	MB	MS	MS	MS	MS	NS	MS	MS	MS	MS	NS		MS EM	MS	MS	NS	M3	MS	MS
P27	ALS	NS	MS	_MS	MS.	ME	M8	WB	AS	AS	MS	MS MS	MS	AS	MS	MS	AS	AIS .	MS	MS	MS	MS	MS	NS
PZO	ALS	MS	NS	AS	AC\$	MS	MS	MS	ME	AIS	+ · · · · · · · · · · · · · · · · · · ·		MS	MS	MS	MS	AIS	AS	MS		NS	MS	MS	AIS
PZ146	- MS	AS AS	NS	AS	MS	M3	N3	MS	ACS	MS	NS	MS	MS	MS	N3	NS .	NS	MS	MS		NS .	NS	MS	MS
PZ11	_ '85		·MS	- MS	- AGS	AGS	MS	NS		AS		MS	AIS .	NS	AS AS	MS MS		AS	MS		MS	MS	NS	MS
PZ12	AS	MS MS	NS NS	AS	AS	A/S	NS		MS MS	AS AS	NS	MS				F: 7	MS	MS	AS	+	MS	AS	NS	MS
THE PARTY	ME	AS 2M		NS	 	340	2M	NS NS	AS	AS AS	AS	AS AS	AS .	NS -	NS NS	NS NS	MS	MS	AIS.		MS	MS	M3	MS
-	MS			- NS	ACS	ACS	MS	MS	MS	NS NS	MS		AS .	AS		MS	AIS .	A/S	MS		MS	ME	MS	MS
14044	AS .			WS		100	AS	MS	AS .	MS		AS	AS	AS	NS NS	AS .	NS	AIS .	ACS		MB	MS	MS	MS
14444	1			AS				AS	MS	MS .		Me	Me		- No.	MS -	MS MB	AS			MS	MS_	MS MS	NS
-	MS	MS	MS		Acc.	AS	MS	MB	A48	MS	MS	NS	W	MS	AS	MS	AS .	MS MS	A/S		MS	MS	4	NS
*****		AS	N3	AS		MS .	NS	MS	AS	MS		MS	AS -			MS		AS	MS MS		NS NS	MS	MS	AS
10000		MS	MS -	ALS	ASS	AUR	ACS	ACE	AS	NS	MS	MS	MS	NS NS	NS EN	MS	MS -	AS	MS		NS	MS	MS MS	NS
10000	AS	AS	MS	AS	ALS	MS	MS	NS	MB	MS	AS -	AS	MS	Me	AS	MS	AS	NS -			NS	MS		MS
HANNINE	MS	AS	NS EN	ACS	AS	AS	NS	MB	MS	AS	MS	AS	MS	NS	AS	MS	MS	AS -			ZN ZN	MS	NS NS	MS MS
JON-HEE	AS	JAS .	NE	ME	AS	AS	AS .	AS	AS .	MS	MS	MS	AS			MS	AS	AS .			NS	MS	MS	MS NS
JON-HYD	AS	MS	MS	AS	AGS	AS	AS	AS	MS	AS	THIS	MS	MS	NS	MS	N3	NS EM	AS	NS		MS		NS	NS
COOP	ME	MS	MS .	NS	MS .	MS	MS	AS	AS	ALS	MS	NS	MS	NS	AS -	MS	AS	AS			NS	Me	MS	MS
Ges	MS	ANS TOTAL	MB	AS -	MS	AUS	MS .	ME	AS	MS	MS	MS	MS	AS	NS	MS		MS			NS	ACS	MS	MS
GB2	AS .	MS	NS	AS	AUS	ME	ANS	AS	MS	MS	MS	MS	ACS	AIS	AS	MS	MS	ACE				ACE		NS NS
														<u> </u>			· · · ·	r		1				in the second

Tb. 4-5 Summary Of Chemical Data KDHE 5/31/83

ļ						1	1	1 . 1		8			1	i	1 2					ì	. 8	}	J	
	•		5 ~	, ,	(50	- 5	5) § [l €	1	.	Ě	Ě		(1949)	벌	g		· •		Ł	, ş	.3
West ID	Š		£ 5		g	28	21-1-12	1	ě		9	§	1	1 35	3	= =	2	ä	ć	5	ž		. 5	8
· '	1	'	<u> </u>	1 5	. 6	1 2	[§	å	3	\$	1 -	ě	Ī	اقا	į.	Ė	8	<u> </u>	B	i i	- ₫	¥.	3
1	_				; -		ļ	-		Ξ΄	_ <u>.</u>	j		~	2 1	"	-		.3				š	
				. ,	AS	ALS			NS	ws		a.e			i							! *		
CHANGE	#3 #5	ZN		NS	AS	MS	MS	1 1	NS	NS	MS	NS NS	M2	NS NS	MS	MS .	NS	NS	NS NS	NS	NS	NS NS	NS	NS
	MS	WS	MS	- INS	MS	NS	MS	AS	NS	NS	MS	NS	MS	NS	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			NS -	NS	NS	NS		NS	NS
CMMSA	NS	NS.	NS	NS	MS	MS	MS	AS	NS	NS	NS	NS	NS	NS	MS	MS		MS	NS	NS	NS		NS	NB
	MS	MS	NS	MS	MS	MS	NS .			MS	MS	NS	MS	MS				NS	NS	NS	NS		NS	MS
CMM	MS	MS	MS	'AS	AS	MS	MS	1		NS	NS	MS	NS	NS		r: 1	NS	NS	NS	NS	MS		MS	NS
CIAMS	MS			MS MS	MS	MS	MS		MS	NS	NS NS	NS NS	MS	NS NS			NS NS	NS NS	NS NS	NS NS	NS NS		NS	MS
CMM7	NS	MS -	MS	AS	MS	MS				MS	NS -	AS	AS	NS				MS	AS	MS	NS -		NS NS	NS NS
CAMBA	NS.	MS	'AS	AS	MS	MS				NS	NS	MS	MS	NS -	MS			N3	NS	AS	AS		NS	NS
CHAMB	MS	MS	MS	AS	NS.	AS			MS	MS	MS	MS	MS	NS	MS	MS	NS	MS	MS	NS	MS		MS	MS
	MS	M\$	AS _	MS	AS	MS				MS	AS	MS	NS .	MS			NS	MS_	NS .	AS .	NS	MS	NS	NS -
	MS	MS -	MS MS	MS MS	ALS	AS			MS	A/S	NS .	A	NS .	MS	1			MS	NS .	MS	MS		NS	NS .
	MS MS			MS	AS AS	AS	1		MS	AS	MS	AS AS	MS	NS NS				NS NS	NS NS	MS .	NS NS		NS	NS
	NS	 NS		AS	NS	NS -	MS		NS	AS	AS	MS .	NS	MS			AS	NS NS	NS NS	MS	MS ZM		NS NS	NS NS
CMW13	MS	MS	MS	AS	MS	MS	MS	MS	NS	MS	MS	NS	NS	MS				NS	MS	MS	NS		NS	NS
	MS	MS	MS	MS	AIS	AS	MS		MS	MS	MS	MS	MS	MS			NS	MS	N3	AIS .	NS		MS	MS
	ND	OM ZM		300 AUS	22 7 MA	1.2	344		ND	A/S		NO	MD	NO			NA		NA		NO	MA	2.1	1650 0
1	M2	, MS	AS AS	M2	MS	AS -	MS		MS	MS	AS	NS SN	AS	MS MS				NS NS	AS	MS MS	MS		NS	- MS
	ND				0.0 NA	NO	16.0			NO		NO.	MD	MO			NA		MA		NO	MS	MS NO	NS
	NS	NS	MS	AIS	ARE	AS	MS		MS	MS	MS	MS	MS	MS	NS		MS	NS	MS	NS	NS		NS -	MS .
	A/S	MS	MS	ME	AKS	A/S		A/S	MS	MS	MS		MS	MS				MS	MS	MS	NS	MS	MS	MS
	MS	MS MS	MS	MS MS	ACE	A/S			MS	NS ZN	AS AS	MS	MS	NS NS				AS	MS .	MS	MS		NS	MS
	MS	NS.	- NS		AS	AS	MS		MS	MS	MS	MS	W2	MS				MS MS	MS MS	MS MS	MS MS		NS NS	MS
	MS	MS	AS	MS	MS	MS	MS	MS	AS	MS	MS		AS	AS				MS	ACS	AS	MS		MS	MS MS
	NS	MS	MS	AKS	MS	MS			MS	MS	MS	MS	MS	NS	MS	NS		NS	MS	MS	MB		NS	MS
	WS	MS	MS	MS	AS	MS			AS	MS	MS .		MS	MS		1		MS	MS	NS	MS		NS	MS
	MS		MB	NS NS	MS MS	MS MS	NS		NS	MS	MS	NS NS	MS	MS MS				A/S	AGS	MS	MS		MS	MS
	MS					AS			MS	MS	AS	AS -	MS	MS			MS MS	NE NE	A/S	MS MS	MS MS		NS	MS
	MS	MS	MS	MB	A/S	AIS			MS	MS	MS	NS	MS	NS -	NS		2M	MB	NE -	NS	N3		NS	MS
	NS	NS	NS	NS	MS	NS	NS	MS	M\$	MS	MS	MS	MS	MS	NS	MS	MS	NS	AS	MS			NS	MS
	MS	MS	AS	MS	NS	AS	MS		MB	MS	MS	AS	MS	MS				M\$	MS	ME	MS		NS	MS
	MS MS	- ZM	AS AS	A/S A/S	MS MS	AS AS			MS MS	MS	MS MS	MS	MS	NS			2M 2M	M8	AIS	MS	NS.		NS	MS
	MS					AS	MS		NS	AS	AS -	AS	NS	NS			MS	MS MS	MS MS	MS MS	MS MS		NS	NS
	NS	MS	M\$	ME	AS	MS	AS	MS	NS	NS	MS	MS	NS	NS				NS	NS	MS	MS		NS	NS
	MS	AS	AS	MS	ACS	MS	MS		MS	NS	MS	MB	MS	MS	MS	NS	NS	MS	AS	MB	MS	AS	NS	NS
	MS	MS	ALS	AS	ACS	MS	M\$		MS	NS	MS	MS	AS	MS	NS		MS	MS	MS	MB	NS	MS	NS	M3
	NS	NS MS	MS	MS	NS	MS MS	MS MS	AS	MS	MS MS	AS	AS	NS	MS			NS	NS .	AS	MS	MS		NS	NS
	MS	MS .		 	AS	AS .	MS		MS	MS	AS	AS	ACS	MS MS				EN SIA	MS	MS MS				MS
	MS	MS -	AS -	MS	MS MS	MS	AS .		NS	MS	MS	MS	MS	NS				NS NS	AS	MS	AS.		45 45	NS
OM29	MS	MS	MS	NS	NS	MS	MS	MS	MS	MS	MS	MS EM	MS	NS				NS	Ars	NS -	4:			MS
DM3HS	MS	NS	MS	M\$	MS	MS	MS	MS	MS	AS	MS	MS	MS	MS				MS	A/S	MS	NS	NS		MS
GGP1	MS	AS AS	A/S	AS	A/S	AS	MS		N3	MS	MS	MS	M\$	NS				NS	AIS .	MS	MS		vs	MS
GGP1	2N 2N	MS MS	MS MS	MS MS	AS	NS NS	MS MS	AS	NS	NS	MS MS	AS	AS	NS				MS	MS	AS EM	MS MS		KS	NS -
GGP3	NS		AS	AS	AS	MS	MS	MS .	MS	AS	MS	MS -	MS	MS	1			MS	AS				vs vs	73 Mg
GTI	NS	NS.	MS	NS.	AS	NS	MS		M\$	MS	MS	MS	MS					MS	AS	1			vs	NS -
GT2	NS	NS	MS	MS	MS	MS	MS	MS	MS	NS	MS .	MS	MS	NS	NS	MS Z	NS	NS	AS	MS	MS		vs	MS
013	NS	MS	MS	NS	MS	NS .	MS	M3	MS	MS	AS	AS	MS	NS				MS					vs	MS
GT4	NS	NS	MS	W\$	Ads	MS	NS	MS	MS	NS	- MS	MS MS	MS	MS		MS		MS		MS				NS
MW1A	NS NS	NS NS		NS	AS	NS NS	MS		NS	MS	NS		MS -	NS				NS NS	MS	NS NS	2N 2N		45 45	NS
	M-3	1773	-746	- 743	1748	r43	lu-9	In-0		142	1,42		 	114			70		(red	(MS	M2	ma (13 '	W2

.a 2-5 Summary Of Chemical Data KDHF 6/31/83

													, ,	DHE MA	400		· · · · · ·		Τ.	1						
W-4 10	1	1	,		8	1,1-80.4	12-8G (letel)	28-27	5 :133	Loiseasher	Bries	1,12 - Inchia ethane	let actions there	j	Ottorabeniere	Elley - Beavere	2 - Dictrion sobervere	Feer (total)	os-1,2 00	Nec 12 00	Carter Desider	Derdem	arban letechtoride	2 - Pulanare	Respect Objects	lated VOCs
MANDA	NS.	=	MS _	M		MS	NS	Ars	MS	MS	MS	NS	MS	MS	MS	MS	NS	MS	MS	NS	NS	MS	NS	NS	ws -	MS
MM2	AC		NS	AS.			MS	NS NS	MS MS	NS .	MS MS	MS	NS 2M	MS	MS	NS .	NS NS	MS	NS	NS	NS		NS_	MS	MS	NS
MANGA MANGE	NS EN		NS	AS			AS	MS	MS MS	A/S	AS AS	NS	MS	MS	MS ZM	NS	MS	MS	ACS	MS SM	NS NS		NS	NS	NS NS	- AS
west.	MS		AS -	M	,	MS	MS	MS	MS	MS	MS	NS	MS	MS	NS	NS	NS	NS	MS	MS	MS -		NS	MS	MS	AS I
COLUMN TO SERVICE	AS		_N\$, AC			MS	NS	MS	MS .	MS	NS	MS	MS	NS	NS	NS NS	MS	NS .	MS	NS		MS	MS	MS	MS
MANA	EN.		AS _	AC			AS	MS	MS MS	AS AS	AS	NS NS	NS NS	NS NS	MS	NS NS	NS NS	NS NS	NS NS	AS	NS NS		NS NS	NS NS	NS SA	MS
MANA	MS		MS -	M		MS	ACS	NS	MS	MS	AIS	NS	MS	NS	MS	MS	NS	MS.	AS	MS	MS -		MS	MS	NS	NS
***************************************	-NAS		A/S	AKI		MS	AGS	MS	MS	ACS	AS	MS	AS	AS	MS	NS	MS	AIS .	A/S	MS	MS		MS	MS	NS	NS .
MWA	EM.		MS				MS	MS	MS MS	MS MS	ALS	NS	NS MS	MS	MS MS	NS NS	NS NS	MS MS	MS	NS	MS MS		MS MS	MS	NS .	MS
MW7	NS.		NS				MS	NS	- NS	MS	MS	NS	NS	NS	MS	NS	NS	MS	NS	MS	NS -		MS	NS	MS	MS
IMMS	MS		AS	M:			ALS	MS	AS	MS	AS	NS	MS	MS	NS	MS	NS	AS	MS	NS	NS	NS	N\$	NS	MS	NS .
MARA	M		'AS 	AS AS			MS .	MS MS	AS	NS NS	AS AS	NS SN	NS	NS	MS	MS MS	NS NS	MS .	NS	NS NS	NS NS		MS	NS	MS	NS
	MS		NS .	A		ACS	AS -	NS	AS	MS	- NS	NS	MS	MS	MS	MS	AS	MS	MS	MS	- AS		N3	NS NS	NS NS	NS EN
w	_ NI		AKS	. NI	'	ME	ALS	MS	AS	MS	MS .	NS	MS	NS	MS	MS	NS	MS	MS	MB	MS	AS	NS	MS	NS	NS -
MANINSA	- NS		NS _	AL AL		MS	AS AS	NS NS	AS AS	AS AS	NS NS	NS NS	NS	NS	MS	NS NS	NS NS	NS NS	NS NS	NS MS	MS MS		MS MS	NS	MS	MS
MWITA			NS .			MS	MS	AS -	MS	MS	AS -	NS	NS	NS -	AS	AS .	NS	MS	AS	MS	MS		MS	NS NS	NS NS	NS NS
P1	NS		MS	, AS			AIS	MS	MS	MS	AS	NS	MS	MS	NS	NS	NS	MS	MS	MS	NS	MS	N3	NS	MS	NS
<u>~</u>	AS		MS	M		MS	AS	NS	MS MS	MS MS	AS AS	NS NS	NS.	NS	NS NS	MS MS	NS NS	AS AS	NS	AS AS	MS MS		MS	NS	MS MS	NS
Ä			NS				AS	AS	MS	MS	MS	NS	MS	NS	MS ZM	MS	MS	AS	NS_	MS	MS MS		M\$ MS	NS NS	NS NS	NS
PS	M		NS.	A		NS	MS	MS	MS	MS	NS .	MS	MS	NS	MS	MS	MS	MS	MS	MS	MS		MS	MS	MS	AS
REMS	AS		AS	A:		MS MS	ACS	MS MS	AS	AIS AIS	AS AS	AIS	AS AS	NS	MS .	MS	NS NS	AS	MS	MS	MS	MS	NS	NS	AS	AS
A112			- M3	!***		MS	AS	MS -	- NS	NS	AS	NS NS	MS	NS	MS	NS NS	MS	NS NS	MS MS	- MT	AS AS		MS MS	NS	AS	AS
RED	_ #1		MS	At		MB	ACS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	AIS	ME	MS	NS	AS
R14	AIS		AS	A		AS	AIS	MS	AS AS	ACS	AS AS	MS MS	AS AS	MS SM	MS	MS	MS MS	MS	MS	A48	NS		MS	NS	MS	MS
Ans	- AS		- NS			AS .	MS	ACE	- NS	MS	AS	NS NS	AS	MS	NS NS	NS NS	MS MS	MS MS	MS MB	AS AS	MS		MS MS	NS NS	NS NS	NS ZM
Ri7	M		MS	, AK		ME	A/S	MS	MS	MS	MS	NS	MS	NS	NS	MS	NS	NS NS	NS EN	MS	AS		MS	NS	MS	NS
RWD1	IN.		ZM ZM	At At		MS	MS	NS NS	MS MS	MS ZW	MS	NS NS	NS NS	NS	NS	NS NS	NS NS	NS	NS	NS	A/S	MS	MS	MS	MS	MS
WWO3			AS			AS	MS	MS -	AS	AS	MS	MS	MS	NS	NS NS	MS	MS	MS MS	NS NS	MS MS	MS MS		NS	NS	NS NS	NS NS
RWD3	, AK	s	NS	M		AS	MS	NS	MS	MS	MS	MS	MS	NS	MS	NS	NS	AS	MS	MS	MS		NS	NS	MS	MS
SFW1	`NC		ND	M		MO	MA	MD	NO T		2 MD	HO	MD	MD	MD	MO	NA	NA	NA.	MO	MA		MÖ	NA_	0.0	
SFW2	MC		'ND	_N	7.3	ND	IMA	ND ND	18. MD		4 160	ND ND	MO MO	ND NO	MD	ND ND	NA NA	NA NA	MA MA	HD 12	S MA		ND ND	NA	ND	1303
SFW	- NC	Ď	ND.		66.9	3.6	NA .		0.7 14	1 82	3 NO	0		6 NO	ND	NO	NA.	NA.	NA.		1 100	10.4		MA	ND	1050 2
SFWS	NC		NO		7.4	MS	NA.	ND	13	7	AS AS	NO		7 ND	MD	NO	NA	MA .	MA		1 MA	NO	1.0	NA	NO	646.7
SFW6 SFW7	NC		MS NO			ND	NS	NS NO	N3	6 3	7 NO	NS ND	ND	NS	NS NO	MS MD	NS NA	NS NA	NS NA	MS	MS .		NS	MS	NS NO	MS.
SFWO	- NC		ND -		171		NA.		2.0 47					1 ND	NO NO	NO	NA	NA NA	NA				NO	NA -	NO	5440 0
9740 Y	, NC		ND		-	MO	NA	NO	142			MD -	-		NO	NO _	NA	NA.	NA.		7 MA		MO	NA	MO	26 3
8FW10 8FW11	- NS		MS MS	N:		MS	MS	NS	MS -	- MS	AS	NS	NS	NS NS	NS	NS NS	NS NS	NS NS	NS NS	MS	MS MS		NS NS	NS NS	MS MS	NS NS
SFW12	As	\$	MS	A.	8	NS	NS	MS	MS	MS	MS	MS	NS	NS	MS	MS	NS -	NS -	NS	MS	NS	NS	NS	NS	NS	MS
SFW13	MS		ALS	Ac		NS	NS	NS	NS	MS	NS	MS	MS	NS _	NS	NS	MS	MS	MS	MS	NS	NS	ws	MS	NS	MS T
SFW14 AG1	MS MS		NS NS	N:		NS NS	MS MS	NS	NS	AS	_ ZM	MS	NS NS	NS NS	NS NS	NS	NS NS	NS NS	NS NS	NS NS	MS MS		NS NS	NS NS		NS NS
AG2	··· I			N		NS	NS	NS	MS -	AS -	MS	MS	NS -	MS	MS 2M	NS	NS	WS	NS	NS	NS -			NS	NS	NS -
AG3	_ MS	s	NS	M	5	NS	NS .	NS	MS	NS	MS	NS	NS	MS	MS	NS	NS	NS	NS	NS.	NS	MS	NS	NS	NS .	NS
AG4	NS		NS	N		MS	NS	NS	NS NS	NS	NS	NS	W\$	NS NS	NS	NS	NS	NS	WS	NS	NS		W5	NS		NS
AGS	INS		NS NS	N:		MS	MS MS	NS	MS	MS	AS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS	NS NS	NS NS		v\$ vs	NS NS		NS NS
								1,70	,,,,,	<u></u>	1							19	1.40		1	1114		~-		

Table 2-5 Summary Of Chemical Data

											<u>к</u>	DHE 5/31	/83											
West 40	: 1	O		<u>a</u>	1,3-103 (lead)	12-804	5 2-113	Inchehence	HAVA	1,1,2-Indikarehare	let actebrar denne	1	Obtarabonzene	Elley-Bernere	1,2 - Dichlar obenitene	(lold)	88 · 1,2 000	Pages - 1,7 DCC	Carter Pradicts	Otherdom	Cartern Teleschloride	7-lidenore	McPydore Distrate	Hales VDCs
ÃĞ7	MS	MS	NS	AS	MS	MS	MS	MS	AS	MS	MS	NS	NS	NS	NS	NS	NS	MS	MS	MS	NS.	MS	NS -	MS
AG8	- MS	AS	MS	MS	MS	NS	MS	AS	MS	MS	MS	MS	MS	NS	NS	MS	AS	AS	MS	MS	AS	NS -	MS	MS
AGO	- MS	MS	MS	ACS	NS.	MS	MS	NS	MS	MS	MS	NS -	MS -	NS	NS	NS	MS	NS	MS	NS	MS	MS	MS	MS
AG1NS	MS	MS	NS	MS	AS	A/S	NS	MS	MS	MS	MS	MS	NS	NS	MS	NS	NS	MS	MS	MS	MS	ACS	NS	AS
AGIT	MS	MS.	MS	,ACS	NS	MS	MS	MS	MS	MS	A/S	MS	MS	NS	NS	MS	MS	NS	MS	MS	NS	NS	NS ZW	MS
AG12	MS	MS	MS	AS	MS	MS	MS	A/S	ACS	MS	NS .	NS	MS	NS	MS	MS	MS	MS	MS	NS	MS	NS	NS	NS
AG13	MS	MS	.NS	ACS	ACE	MS	AS	MS	MS	MS	MS	MS	MS	NS	NS	MS	MS	MS	NS	NS	NS	NS	NS	AS
871	MS	NS.	MS	MS	NS	MS	MS		MS	MS MS	AS	MS	AS	MS	NS	NS	A/S	MS	MS	MS MS	NS	NS	NS	NS
ST2	NS	'NS	NS	MS	NS	MS	MS	MS	MS		MS	MS	MS	NS	NS	NS	MS	NS EM	MS		AS	NS NS	MS	MS
\$T3	MS	MS	MS	MS	MS	MS	MS		MS	AS	NS	MS	MS	NS	NS.	MS	AS	NS	MS	MS	MS	NS	NS	MS
PZ1	NS	NS	AS	MS	AIS	MS	MS		MS	MS	NS	MS	MS	NS	MS	MS	MS	MS	MS	MS	MS	NS	NS	NS
PZ2	N\$	MS	MS	MS	MS		MS		MS	MS	AIS	MS	MS	NS	MS	MS	NS	MS	MS	MS	NS	NS	NS	NS
PZ3	NS	MS	NS	MS	AS	MS	MS		MS	MS	NS	NS.	NS	MS			MS	MS	MS	MS	NS	MS	NS	NS
PZ4	:NS	MS	MS	AS	MS	MS	MS		MS	MS	MS	NS	MS	MS	NS		MS	MS	MS	MS	NS	NS	NS	MS
PZS	NS	NS	MS	MS	'MS	MS	MS		NS	MS	NS	MS	NS	NS	NS .		MS	ALS	NS	MS	NS	NS	NS	NS
PZS	M\$	WS	MS	MS	KS	NS	MS	MS	MS	MS	MS	NS NS	NS	NS	NS		MS	NS	MS	MS	NS	MS	NS	NS
P27	, NS	MS	NS	AS	MS	MS	MS	WE	MS	MS	MS		AS	MS	NS		NS.	NS	MS	NS	NS	NS_	W2	NS
PZO	NS	MS	MS	MS	A/S	MS	MS	MS	M\$	MS	NS _	W2	NS	NS	MS _	MS	MS	NS	MS	MS	MS	NS	NS	MS
PZ1MS	NS		NS	MS	MS	MS	MS	MS	MS.	MS	NS	NS	MS	NS	MS	MS	MS	MS	MS .	M\$	MS	NS	NS	NS
PZ11	AS	MS	,MS	WS		ACS	MS	MS	MS	MS	MS	MS	NS.	MS	NS		NS	MS	MS	MS	MS	MS	NS	NS .
PZ12	'NS	N\$	AS	AS	_ MS	A/S	MS		MS	MS	MS	NS	MS	MS	MS	MS	MS MS	MS	NS	M3	MS	MS	NS	MS _
HAM!	M3	MS	NS	MS	_'MS	A/S	AS		AS .	MS MS	NS	NS NS	MS	NS	NS	NS	NS	MS	MS MS	MS	MS	NS	'NS	NS
10000		MS		MS	MS .	A/S	M3		MS		WS		N3	NS	MS			MS	MS	MS	MS	NS	NS	INS
170000		NS	RS	AS	AS	AS	MS		MS	MS	NS	NS	NS	NS NS	MS		MS	MS	NS	MS	AS	MS	NS	NS
-	- ZM	WS		MS MS		-	MS		MS AS		MS	INS	NS		NS NS		NS	NS	NS	MS	NS	MS	,NS	NS
-			MS MS		AS	AS	NS		MS	MS	NS NS	AS	MS	MS	NS		MS	MS		NS NS	NS NS	NS	NS	INS
		AS		- MS	AS AS	MS MS	MS -		MS	MS	M3	NS	NS	MS	WS		NS NS	NS NS	NS NS	NS NS		NS	NS	
_		MS		-23	<u></u>		100			MS	- MS	NO.	N3	NS	MS		MS	NS	NS NS	NS NS	NS NS	NS NS	W2	WS .
_	_ <u></u>	AS			- MS	NS	ALS.	MS .	NS NS	MS	MS	MS	M2		MS		MS	75	WS	MS MS		M\$	'AS'	Inc.
	- 175				AS AS	AS			MS	MS	MS	100	142	100	M3		NS	M3	I''	MS	MS	WZ	MS	lwa
DH-HSE	- 👯			100	AS AS	AS			MS	MS	AS	ALS	MG	MS			NS	MS	MS	NS	MS	MS	W2	NS
DAHAMO		RS	KS	·	MS	AS AS		4	MS	MS	MS	ACS	He	MS	MS		NS NS	MS	NS	NS EN	w2	;NS	W2	MS
coop	NS	— :MS	-		- Me				NS	MS	AS	MS		M3	WB		MS	MS MS	MS		Ars	MS	NS	NS NS
GB1	MS	MS	- INS	148	AS	MS	MS	AS	MS	MC	Ne	NS	No.	MS	##			140	MS	NS	NS	INS	W3	1773 1775
G82	NS	- MS	^{MS}	AS	AS	MS			N2	MS	MS	MS	NS NS	MS MS	NS	MS	MS	MS MS	NS NS	MS MS	NS.	NS	.MS	ma Me
~~	774	7-3		~~	,700	773	lues.	inera.	(P2)	luc3	142	140	1773	:M3	IM2	142	W2	(763)	IAG	ALC:	NS.	MS	- ALS	NS I

Table 2-Summary Of Chemical Data KDHE Oct-Nov, 1983

Company Comp																										
SEMA STATE OF STATE O	Well ID	Dete	Veryl Ottoride	Unimachane	1,1 -00		1,2 - DCI (total)	1.2-BCA	1,1,1-10	lichtoraethen e	Berrene	1,1,2. Inchiarethore	letrachloroet henc	lokuene	Chlorobenzen	Ethyl	1,2- Dichlorobenze ne	Xytene (total)	crs-1,2 UCI	Irans - 1.7 DCf	Corbon	Ohlorotorm	Carbon Telrachionalc	2 Bulanan	Methykene Chlorule	Total VOCs
SEAR STATE OF STATE O		-																								
Series	~~~									•																
Carl																					 					·
Company Comp																						$\vdash -$				1
Cont												-								 	-				-	
Cont														-												ı <u>-</u>
CAMPA																				ļ					<u> </u>	i
Cardia Ca												 										<u> </u>			 -	- ·
Constant Con	CNIME		——-i																						<u> </u>	
Constant Con																				<u> </u>	ļ	<u> </u>			ļ	· · · - °
Care	-																				ļ					۱· ·۰
Care	CLAMBA					ļ.,																	L	<u> </u>		·
Control	CMME																					L				l
Cartity	CIANG	I							لتسبيا									L								1
Carris																								L	L	1
Cardy C																								L		
Cardy C																										1 (
Carry	CHRIST																			I		I				
Campa																										,
어당																										
033																					1					
Code																										
Code	DMD																		1							
Data																						 			T	I
Date																				 			 	 		
Date	Dame .																		 		 	<u> </u>				
Description	DM2																		 				 			
Dati	7000																	 		 	 					
Dati	-						 							 					 		 	 				
Dati	24.0						 											 		 	├──		 	 -		
CALIFORM	-						 						 					 			 			 		
CALIFORM	Date :					├─							 				 						 	 		
DATE DATE DATE DATE DATE DATE DATE DATE	00012						 -														 	├	 			l
DATE	20013						 													├ ──			ļ			ı I
DM15	0014						 					 -						 -			 				-	
DAIT CHIE	20019						 						 -			 -	 	├	 		 					<u>-</u>
DM16							 	<u> </u>					<u> </u>			ļ		<u> </u>				<u> </u>	├	 -	<u> </u>	<u>"</u>
DM19	2017	 	├──┤				├	 	ļ					 		 	 	├ ─		├ ──	 		├		\vdash	
DM20 DM21 DM22 DM23 DM24 DM25	LM10	 	-		 -	 			 	 			-			 		<u> </u>			 	 	├ ──	ļ	\vdash	· <u>9</u>
DM21 DM23 DM25 DM26 DM27 DM27 DM27 DM27 DM27 DM28 DM29	UM 19									-			 -			ļ		<u> </u>		 	 		├		├	
DASS	UN430					 							├					<u> </u>		ļ	 		 			-· <u>1</u>
DASS	ONI21		 		 	↓	₩						<u> </u>	 		ļ.—	 	<u> </u>	 _	 	├		ļ	L		- 9
DAM DIGES	DM22	-	-			├										L	<u> </u>			<u> </u>			 		\vdash	
Display	UM23	 					 	<u> </u>	Ļ	 	L					L	<u></u>	<u> </u>	L		├ ──	⊢—	ļ			
Display	DMM			├			 	ļ		L							L	<u> </u>	L							1
DA17 DA18 DA19	Ou26	├ ──		├		↓	 _	 _										<u> </u>	L	ļ						
0429	OM36	├	├	 	 	<u> </u>													L	L						•
ages .	DAI21		 	<u> </u>	<u> </u>							I	I													
OCP1	OM36	 			<u> </u>																					۰
ages .	ONOS	ļ	 					L																		•
ages .	CM30	1	1			1																				•
	DM31																							T		•
	0001								Γ																	

Table 2-4 Page 1 of 3

Table 2: Summary Of Cher. . . Data KDHE Oct-Nov, 1983

Well ID	Data	Wayl Otherdr	Chinochunc	1.3 - DG	VXI -1'1	1,2 DC! (tolot)	12-00	1,1,1-164	inchloroethen e	Benzene	1,1,2 - Inchine ethane	Tetrochioroel hene	Toluene	Chlorobenzen	(Iby)- Benzene	1,2- Dichiorobenze ne	Xyene (lotal)	cis - 1,2 DCI	lions - 1,2 DCE	Corbon Desiglade	Chiarolana	Carbon ictrachiorate	2 Bulanan	Methytene Chloride	lold VOCs
GGP1																									
GGP1									•													 			<u>"</u>
GT1																									·
GT2																									
GTD																									- '
GT4											[·						
MWIA																									
MANTA MANT																									
MMZA																									
MACA .																									
MOA																									
MAN/S					-																				
MANO MANO																									
-																									
MAN																									1 .
MANS .																									
MANS MANS MANS MANS MANS MANS MANS MANS																L									
man T																									
HAME .													!												
MANTA																									
1407 1409 1409																ļ				 _		<u> </u>			
-																				L					
-													L									ļ			
MANA																				 					°
MANG MANG															<u> </u>						Ļ				
-																L				L					
MAY 18																					 -				۰ ـــــــ
MWIA																									۰ ـــــــ
P1						ļ							 i							ļ	<u> </u>				· °
P2																				ļ		ļ			·°
P2 P3 P4 P5 REMI																				ļ —					°
PA																				ļ	├ ──	 			°
PS																				 					°
REMI																			 	 	 -	 -		 	
Rit						<u> </u>																 			
Ru2																					 	 			
RES. RES. RES. RES. RES. RES. RES. RES.																						·			
784 ·																			-						· ,
Rus																									
Rea																									. ا
RU7																									
Mary .																									
RWD1																								-	
RMD2																								-	
RWD3																									· · ·
SFW1																									
Sh.MS												L													
\$FW3																									
SFWI																									
SFW6																							-		

Table 2-Summary Of Chemical Data KDHE Oct-Nov, 1983

Well ID	Dette	freyl Oblands	Orles activano	1,1-00	1,1 DCA	1.2 - DCI (lotal)	1,2-004	1,1,1-104	richleroethen	Berzere	1,1,2- inchlorelhone	letractionael hene	lotuene	Dibrobenen	[thy: Benzene	1.2- Achlorobonze ne	fytene (total)	cis - 1,2 DCI	trans: 1,2 DCI	Corton	Oktorolorm	Carbon	7 - Bulonme	Melhytene Ostorde	Total VOCs
l									3 '																
9744												 						 	 						°
SFW7																		\vdash		├──					•
SWI SWI																									
20 O. V										_										├		├			0
3FW10												!			Ļ			<u> </u>				ـــــــ			0
SFW11										_									L		L				
SFW12																				l			Ĺ		0
8FW13												l													۰
SFW14																									
AGI	10/2003	0	0	40.6	0.5		0.8	51.3	442		0	27.5	0	0	0				66.7		1	0		0	831 2
AG2	10/25/63	0		0			Ö		1.5	0	0			0	0				0		0	0		0	15
AG3	10/25/03	- 0		0			0.5												0.5		0.6			- 0	
AG4	10/26/63	245		196			1.1			2.9									3810		0.6			0	10895
	10/26/63	0		- 0			0		38.7	0	0								0		0				
AGB AGB	10/31/03	- 6					ŏ											 	- 6		1 8			0	763
 	11/7/80	- 6					- 8		0.6									<u> </u>	0		1 8			- 0	<u></u> °
AG7	11/7/83						- 0					 			ŏ			-	ö		- 6			- 0	
AGB AGB							- 6												Ö		- 6				°
AG16	11/15/83	- 0					- 6												52.1		- 6			0	
	11/16/63																								801.1
AG11	11/16/63	0		0			0												0		0			0	o
AG12	11/30/03	44.2	0			L	1.3		1960	489				0					172		0.8			0	3002 7
AG13	11/30/83	0	0	4.8	8.1		0	14.9	17	0.6	0	0	3.5	0	1.0				10.3	<u> </u>	0	0	1	0	80 8
ST1																					L	L	ļ		•
\$13						ļ														<u> </u>	L	<u> </u>			
\$13															<u> </u>					L					
PZ1																		<u> </u>	I	L					
P23 P23 P24																									
PZO														L											
PZ4																									
PZS							l						L										T		
PZ6																									-
PZT																									
PZ9					Ì																				
P210												1										 			
PZ11												t — —						· · · · · · · · · · · · · · · · · · ·		 		 			
PZ12												 						· · · · ·]
HEANT	-											 							 	 		├	-		
HMANZ						 						 			 					 					<u>_</u>
HEANS	 											 	 		 				├─	 		 	├──		ر <u>-</u>
		-			 	 						+	 					 	├	 	├ ──	 	 		"
HARVE	 				 		-		 	 	 	 	 		 	 		 	 				 		,
HARMS						├ ──	-		├──			├──								├		ļ	ļ		°
HANN						}			 			 								├		├	├ ──	\vdash	, °
10007	 		<u> </u>	ļ		+	 	-	 			 	 					 -			Ь—	 	 	——	•
HAME	ļ		ļ	 	ļ	├ ──	 	-	├	 	 	+	 	 -		ļ			 			<u> </u>	├	<u> </u>	
14000			L	ļ		 		 		 	-	 			<u> </u>						L		L	oxdot	
HEAVIG	L				↓ _		└			 -									l				L		
JOH HEE							<u> </u>	— —			!	ļ										L			
DNHMD						<u> </u>	L	└		L		1	 												
COOP						I				L	L	L						L							
G01_						L							$ldsymbol{ldsymbol{eta}}$												
GB2					1	T									I										·]

Table Summary Of Chemical and Water Level Data Geraghty Miller - April, 1985

W4 0	10	100	<u> </u>	3	(pm) 20-C1	2	3	l'openie.	i	112-Inche eller	Secretar admin	1	Ottomatory	(InpBevene	12-Ochorphovere	Lighter (1010)	a-1200	D0 (1) - See H	Com Dude	Ottoden	Come leading	7 - Paramer	Milher Darish	1704 9971	Barrinel feder
CLEMIA	HO(S)	HO (S)	MD (3)	ND(2)	ND (2)	ND (2)	NO (2)	NO (2)	HD (2)	ND (2)	ND (2)	NO (2)	ND (2)	MD (2)	NA	ND (2)	NA .	MD (2)	ND (2)	ND (2)	ND (2)	ND (10)	NO (2)		1137 12
	MD(S)	MD (S)	MD (2)	NO(2)	ND (2)	MD (Z)	HD (2)	MD (2)	HD (2)	ND (2)	NO (2)	ND (2) ND (2)	ND (2) NO (2)	MD (2) MD (2)	MA .	MD (2) MD (2)	NA NA	ND (2)	ND (2)	HD (2)	ND (B)	ND (10)	ND (2)	•	1137 12
	MD(S)	MD (8)	NO (2)	ND(2)	ND (2)	MD (A)	NO (2)	NO (2)	HD (2)	NO (2)	NO (2)	MD (2)	NO (2)	MD (2)	<u>~</u>	MD (2)	NA		MD (2)	ND (2)	ND (2)	ND (10)	ND (2)		1136.63
	MD(S)	MD (S)	NO (2)	MO(2)	HD (2)	NO (2)	MD (2)		HO (2)	MD (2)	NO (2)	MC (2)	ND (2)	MD (2)	M	ND (2)	MA	NO (2)	MD (2)	ND (2)	MD do	ND (10)	MD (2)	0	1136 72
	ND(S) ND(S)	MD (8)	MD (2)	MD(2)	NO (2)	ND (2)	ND (2)		ND (2)	ND (2)	MD (2) MD (2)	ND (2) ND (2)	MD (2)	ND (2)	MA.	MD (2) MD (2)	NA		ND (2) NO (2)	MD (2) MD (2)		ND (10)	MD (2)	2443	1136 7
1	HD(S)	NO (S)	MD (2)	HO(2)	ND (2)	NO (Z)	ND (2)	MD (2)	HD (2)	ND (2)	MD (2)	NO (2)	MD (2)	MD (2)	M	ND (2)	MA	ND (2)	MD (2)	NO (2)		NO (10)	ND (2)	- 179	1130 9
	ND(S) ND(S)	MD (S)	MD (2)	ND(2)	NO (2)	ND (2)	NO (2)	MD (2)	ND (2)	ND (2) ND (2)	MD (2)	ND (2) ND (2)	ND (2) ND (2)	MD (2)	NA	ND (2) ND (2)	NA	MD (3)	NO (2)	HD (2)		MD (10)		14	1136 0
	MD(S)	MD (S)	NO (2)	ND(2)	HD (2)	MD (A)	ND (2)	NO (2)	MD (2)	HD (2)	ND (2)	ND (2)	ND (2)	HD (2)		ND (2)	M		ND (2) ND (2)	ND (2) ND (2)		ND (10) ND (10)	MD (2)		1136 91 1136 9
	ND(6)	ND (5)	1ND (2)	MO(2)	HD (2)	HD (2)	NO (2)	MD (2)	HD (2)	MD (2)	MD (2)	MD (3)	MD (2)	ND (2)	M	ND (2)	MA	NO (2)	MD (2)	NO (2)	ND (2)	MD (10)	ND (2)		1136 73
	ND(5) ND(5)	ND (S) NO (S)	MD (2)	ND(2) ND(2)	ND (2)	ND (2)	MD (2)	MD (2)	MD (2) MD (2)	ND (2)	ND (2) ND (2)	ND (2) ND (2)	MD (2) MD (2)	ND (2) ND (2)	MA	ND (2) ND (2)	MA	MD (2)	ND (2) ND (2)	ND (2)		ND (10)	MO (2)		1138.86 1138.54
CHAN18	ND(S)	HO (N	HD (2)	HD(th	MO (3)	ND (2)	ND (2)		NO (2)	NO (2)	NO (2)	ND (2)	ND (2)	MD (3)	NA .	ND (2)	M	MD (2)	MD (2)	NO (2)	NO (2)	ND (10)	ND (2)		1136 06
	NO(S)	NO (6)	MD (2)	ND(2) ND(3)	NO (2) NO (2)	NO (II)	MD (2)		MO (B)	ND (2)	MD (2)	ND (2)	ND (2) ND (2)	MD (2)	NA	ND (2)	NA NA		NO (2)	MD (3)	HO (2)	HD (10)	ND (2)	•	1138.04
	MO(S)	NO (S)	ND (2)	MD(3)	HD (2)	ND (2)	MD (2)	ND (b)	140 (B)	NO (2)	NO (2)	MD (8)	ND (2)	NO (2)	MA .	ND (2)	M	ND (2) ND (2)	ND (2)	NO (2) NO (2)	ND (2)	MD (10)	ND (2) NO (2)		1136.4
DM1	MB	MS MS	AS ZM	AS MS	MRS.	MS MS	MS	MS	MS	MS	MS	NS NS	MS	RS ZM	MS	MS	MS	MS	MB	MS	NS	MS	MS		1135.40
040	775 145	- AS	MS		·	MS	MS	MS	MS	MS	MS.	MS	WS	MS	MS	NS NS	NS	MS	MS	AS	MS	NS NS	A/S	- ON	
	ME	MS	MS	WS	MS	ME	ME	MS	MB	MS	MS	NS .	WS	MS	MS	MS	MS	MS	MS	MS	AUS	NS .	MS	0 M	
	MS		KS		AS	MS	ME	MS MS	MS	MS MS	MS MS	MS	MS	MS	MS	MS	MS	A/S	AIS AIS	MS MS	MS	MS MS	MS		1135 46 1136 38
	MS	NS	ME	MS	MB	MS	Als	MS	MS	MS	MS	MS	MS	MS	NS	MS	AS	AS	MS	MS	AUS	MS	MS		1130.30
	<u>#</u>	ME	AS	MS ME	M9	ACE .	ACS	ACS ACS	AS AS	MS	MS	MS	MS MS	MS MS	NS NS	MS SM	MS	MS MS	NS NS	MS .	MS	AIS .	MS	•	1136 00
	445	MS	MS	M3	ME	MB	MS	MS _	MB	MS_	MS	MS -	MS	NS	MS	MS	NS	NS	MS	ME	MS	ME ME	NS		1136 007
DM11 DM13	MS	NS NS	MB	MS MS	A45	MB	MS	ME	ME	ACS .	NS NS	MS MS	NS AS	MS	MS	WS	MS	MS	NS	MS	NS .	AIS	AS	0	1137.54
DM13	AS	WS	MS	- MB	- AG	NS	MS MS	MS	MS	NS NS	MS	MS	MS	NS NS	NS	MS	NS NS	MS MS	A/S	MS MS	MS	MS MS	MS		1138 81
	***	MS	MS	Mg	MS	MS	MB	AS	MS	ACS	MS	MS	MS	MS	MS	NS	MS	ME	MS	ME	MS	AS	ME .		1136.67
	MS	NS NS	AS AS	. MS	ASS	MS	MS	MS MS	MS	MS	MS MS	MS	MS	MS	MS	NS	NS NS	MS MS	MS MS	MB	NS ME	MS MS	A/S	0 M	
	MS	MS	MB	MS	MS	MB	MB	ME	MS	MS	MS	MS MS	MS	MS -	MS -	MS	MS		MS	ME	ME	AS.	AS	0 N	
DM18	MB	##	MS	ME	MB	MET	MS	MS	AS	AS AS	MS	MS MS	NS	MS	Ars	MS MS	MS	AS AS	MS	AS	MS	MI	MS	0 N	
OM30	NS .	AS		MS	Act	ME	MS	AGE	ME	MS	MS .	NS	MS	MS	NS	NS	NS	AIS	MS MS	MS	ME	AIS	EM	0 M	
	MB	ME	ZM	ME	MS	MS	ACS	AS	ME	MS	AS	NS	MS	MS	NS	MS	NS	MS	MS	MS	MS	NS	MS	0 N	/S
	MS	- NS				MS	ALS.	MS MS	A48	AS AS	MS.	MS	NS NS	ZN ZN	NS NS	2N 2N	ZN ZN		AS AS	MS	MS MS	A/S	NS	0 N	
	MS	NS.	MS	MS	MS	MS	MS	MS	ME	MS	ME	MS	MS	NS	NS	MS	NS	MS	MS	MS		ME	MS	0 M	
	MS	MS	AS	MS	ME	MS	MS	MS MS	MS	MS	MS	NS NS	NS NS	MS MS MS	NS	MS	MS MS		NS NS	MS		AS	MS	0 N	
	ME	MS	AS	A/S	MS	ME	MB	MS.	AS	MS	MS	MS MS	MS .	MS	MS	NS	NS	AS	MS	NS NS		MS	AS AS	0.A	1
OM28 OM29	MS	AS AS	MS MS	AS	ME\$	MS .	MS -	MS MS	NS	ACS	MS	MS MS	MS	MS MS	MS	MS	NS	ME	MS		MS	MB	MS	0 N	
DM30	ME	- MS	MS	MS	MS -	MS	MS	AS	ASS	AS	MS	MS	NS	#3	NS	MS MS	MS	MS	MS MS	ME		MS	NS I	9 M	
	MS	- NS	A/S	_ MS	ME	MS	MS	MS	MB	MS	MS	MS	A4S	MS	MS	AS.	AS	A/S	MS	MS	MS	ME	MS MS	0 M	rs
GGP2	MS	MS	MS	NS	MS	- MS	MS	MS	MS	NS	MS	AS AS	AS AS	2M 2M	MS	NS NS	MS	MS	MS MS	MS	NS NS	AIS .	NS	0 M	
GOP3	MS	AS	AS	MS	MS	MS	MS	MS	MS	AS	M\$	AS.	MS	MS -	MS -	MS	MS	MS	MS	MS		MS	MS	. O AS	- 1
	MS	MS	MS	MS MS	MS	MR	MS	ME	MS	MS	NS	NS	NS NS	MS	MS	WS	NS		MS	AS	NS	MS	AS	0 N	
012	AS		MS	MS	NS	MS	AS	MS	MS	AS	MS	ME	MS	MS	MS	NS	MS		MS	NS	MS	ME MS	MS	C AS	
Q14	MS	MS	MS	NS .	MS	MS	MS	MS	MS	MS	MS	MS	AS	MS	NS	MS	MS	MS	NS ZW	MB	MS	ME	A/S	0 M3	
MAN	MS	AS	MS	NS NS	- MS	MS	MS	MS	MS MS	MS	MS	ME MS	NS .	WS ZW	NS	AS SA	NS		MS	MS.	Acs	MB	MS	O AS	
MANGA	ME	AUS	AS	MS MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	WS	NS	NS	NS		NS	MS	MS MS	- B	113471 S
1000	MS	NS NS	MS	NS NS	MS	AS	ACS ACS	MS	AS .	#8 AS	NS.	MS MS	NS NS	M3	NS	A/S	AS AS	MS	AS	NS	NS NS		MS	•	1136 66
	~	1773		· A/3	-43	i Ma	lw2	J#5	142	142	142	iws.		100	143	M2	IMS	A3	<u>~~</u>	ARI	MS .	ME	NS I	0 AS	<u> </u>

Table 2-7
Summary Of Chemical and Water Level Data
Geraghty Miller - April, 1985

							,																		
World 1D	May Character	Observe	DB -111	1,5-10,0	(Japan) 120-C1	13 -61	9 -113		and a	1.12; lectures.	- Interchantere	-	Omerania	[By - Bayes	1.7 - Decides absorbance	(pipe)	ca-12 00	bar-1,200	Curum Danker	Ottendern	Carine leteraturals	2. Monte	Banger Dans	lated VCCs	Male: Level (bredien
1000	N#					MS		MS								MS	NS	MS				N\$	NS.	0	1136 47
	NS	MS					MS	NS_				NS NS			MS MS	AS	NS	MS	ANB	MS MS			MS .		MS
							MS	MS		MS	MS					MS	MS .	EN ZN	NS NS	MS			NS NS	· •	MS 1134.75
			AS .	MS			MB	MS	MS	MS		AS	MS	MS	NS	MS	MS	MS -	MS -	MS			AS :		
	M8	MS					MS	MS								NS	MS	NS		MS	MS		MS		NS SM
	we ws	MS				MS MS	AFS	AS	#3 #8	MS							NS	MS MS					MS		MS
				MS	MS	MS		MS		AIS			AS	MS			WS	MS					NS		NS
								Ar3				NS _	AS .	MS	MS	MS	MS	MS	NS	NS.	NS	MS	MS		MS
	ws						AS .	AS AS							MS MS	2M ZM	NS	NS NS					MS		NS.
		M3					AS	MS	MS					MS		MS	NS	MS ZW		A	MS MS	MS MS	NS .		NS
				MS		MS	AS	NS						MS	NS	MS -	NS	NS					MS		WS.
			MS				A/S	MS	1		MS						NS	MS		NS NS	MS		NS	0	MS
			NS NS				MS	MS		MS MS							NS	MS .		MS			MS		NS
					ME	NE T	NS -	NS -	MS	ME	MS	MS	MS				MS				MS MS		MS MS		MS NS
			M3	ME			MI	MS	MB								MS	MS	MS	MS	MS	MS	MS		MS
							MS	MS MS									MS					MS MS	MS		MS
						ME -	ME	MS									MS	NS NS	MS	MS	A/S		MS .		MS
	ws						MS	MS	MS		MS	NS .	NS	NS	NS	MS	MS	MS	MS	NS	NS	MB	AS		MS
				ME			ARS	MS	177							MS	NS	MS	MS .		MS		NS		NS
	WS.			NS			MS	MS	MS	MS				MS MS	MS	NS	NS	MS MS	A/S		NS NS	MS MS	MS		NS
Red	v45	MS	ME	MS			ME	MS	NS .		AS	NS	NS	MS -			NS	NS	AS			MS	NS -		MS
						AS	AS	MS					MS	MS NS	NS		MS		ACE	MS	MS	A48	MS	0	MS
						MS	MS	MS MS		MS						MS MS	NS NS		MS MS				MS		MS
						MB	MS	MS		#8	MS	MS					AS	MS	ACS			MS MS	MS MS		MS MS
			MS	MS MS	MS		MS	MS	MS	AS		MS	NS	MS .	MS		MS	NS	AUS			AS	MS		MS
				MS MS			MS	MS MS	ACE			NS NS					MS		A/S				MS		AS
							ME									NS	NS NS	MS MS	ArS			MS EM	MS MS		MS 1133 7
							MS					MS	MS	MS	MS		MS	MS	MS			MS	MS		PUMPING
							MS	MB		MS			MS				MS	NS	MS			MS	MS		1132.45
						MS MS	MS MS	MS MS	MS MS	MS				NS NS			NS_	MS MS	MS MS			MS	MS		WS.
	NS		ME .	MS I		MS	MS	MS .	AIS	ME		MS	NS			MS	AS	MS	MS				MS MS		NS NS
			MS			MS	ME	AS	1:	MS			MS		MS	MS	MS	MS	MS				MS		1132.65
				MS		AS	MS	NS NS		NS NS			NS NS				MS \	MS	A/S				MS		1135 31
				ME	ME	AS	MS	MS	MS	MS	MS	MB					NS NS	NS NS	NS NS		NS SN	MS MS	MS	::	1137.90 MS
	ws			MS		48	MS	NS		M3				NS			NS	MS	MS		NS .	MS	MS		NS
	NS			MS			MS	NS NS		MS		NS	MS MS				AS	NS	MS		NS		MS		MS
	MS					MS	MS -	NS		MS			MS				NS AS	NS NS	MS		NS NS	AS ~	MS		NS
		NS	NS I	AS	MS	MS	MS	MS	MS	MS	MS SM		MS	NS			MS	MS	MS	MS	MS -	NS	MS -		MS -
	NS NS					ME	MS	MS MS		MS MS							MS	MS	MS	NS	MS	MS	NS	0	NS
	NS					ACS.	MS	MS		MS							NS	NS NS	NS		NS		MS .		NS NS
AG5	W8	NS	MS .	MS		MS	ACS	MS	MS	MS	NS	MS	MS	A/S			NS -	MS	NS				MS		MS
	W\$				MS	MS	ME	MS	ME	NS	MS			NS .	NS	MS	MS	MS	NS .	MS	MS	MS	NS	0	MS
	NS					NS NS	MB	NS	AS AS	MS	NS NS		NS NS				NS		MS				MS		NS .
	NS						NS	MS		MS	MS						NS NS	NS	NS NS				NS NS		NS .
AG10	MS	MS	NS	NS	MS	NS	N6	MS	AS	MS.	NS	NS	AS	NS			2N 2N	MS	NS				NS S		NS
	WS					NS	MB	MS	AS	MS				NS	MS	NS	MS	MS	MS	NS		MS	NS	0	MS .
	NS	NS NS				NS NS	NS	MS	MS	MS MS	NS NS						NS NS	NS	MS	NS			AS		MS
	M8			MS	MS		AS	MS -		MS	MS				NS		NS 2W	NS NS		NS	NS .		NS I	0.	MS
																					<u></u>			<u>-</u>	

Table 2-7 Summary Of Chemical and Water Level Data Geraghty Miller - April, 1985

White ID	1 Of 1	Disessee	B 0	1,1 17.5	(pm) cm C1	13-E1	1))-K	and the section	1	1,12-lecturature	laber the eathers	and the second	Chardener	f By Bruss	12-Delta utenzare	Mare (104d)	on-12 00	barc-1,7 00	Cartern Desident	Distractoring	Carter Istanteuse	2-likewe	The Comment	3	Maries trees (Armadass
812	MB	ACE	MS	MS	ME	ME	MS	MS	WS SW	MS	MS	MS .		NS	MS	MS	NS	MS	MS	MS	MS	AIS.	AdS .	0 4	
873	MS	ME	MS	MS	ME	MS	MS	MS	MS	AS	MS	MS	MS	MS	NS	NS	NS	MB	NS	MS	NS .	MS	AS .	O.N	<u></u>
PZ1	MS	MS	MS	ME	MS	M\$	ME	MS	AS	ME	NS	MS	MS	MS	NS	MS	MS	MS	MS	MS	MS	NS	NS .		
P22	MS	WS	MS	MS	MS	MB	ACE	MS	MB	MS	A/S	ME	MS.	MS	MS	AS	NS	MS	MS	ME	MS	A/S	AVE	0 4	15
PZ)	, Add	ME	MS	MS	MS	MS	MS .	MS	WE	44	MS	MS	MS	MS	NS	MS	NS	ME	MS	MS	MS	MS	NS	OA	
PZ4	MS	A48	AS	WE	MS	MS	AS	MT	ME			MS		MS	MS.	MS	NS	N3	MS	MS	A/S	MS	ACS	0,8	a
P25	_NS		.NS	.MS	IAS	MS	M8	M#	MB	MS	MS	ME	MS	MS	MS	NS.	N8	MS	MS	MS	ME	MS	MS	0 4	18
P26	_MS	-MS	,#\$	MS	AS	MS	ME	ME	MS.	MS	MS	AS		MS	MS	NS	MS	MS	MS	MS	AS	NS.	MS	ON	/5
PZ?	AGS	ACE	ME	MS	ME	AG	MS	AS	WE	ME	MS	MS	MS	MS MS	NS.	MS	WS	MS	NS	MS	MS	MS	MS	0 14	15
P.O.	- //3	- AGS	, MS		ARE		100	M3	MS	A.S.	MS	A75	WE	NS	ACS	MS	MS	N8	NS	WS	MS	MS	MS	0.4	/S
PZ10	AG			<u></u>	AG	,AGS	<u> </u>	ME		MS	M3	W2	W2	NS	AS	NS	WS	WS	MS	NS	MS	MS	MS .	0 84	VS
7211		·	, 	,				<u> </u>		~=	M3		MS	N3	WS	WS		ACS		MS	AS	MS	INS I	D #	vs i
7212	-∷	-==					₩		3	~			M3	#75 	#43	NS	W2	WS	MS	MS	NS	MS	A/S	0 N	15
				<u></u>		Art		E	<u> </u>		WE		#3	M3	MS	M3	M2	A/E	MS	MS	M\$	A/S	MS	0 M	/S
	-=	~~~			A48	M4	I		<u></u>	MA	AGS.		M3		WS	W3	AS	MS	NS.	NS	MS	MS	MS .	Q N	/ 8
			ME		,		A48				Mg	45	we	W6		W4	#S	MS	N3	WE	MS	A4S	MS	ON	/S
1000		ME	ALS:	MS	TAKE TO THE TAKE	Act	ACR	ALS:	MS	448	N. S.				~- ·	Me				M3	AS	AG	NS	O)N	/S
1000	Add	ME	ME	W\$	MS	ME	ALE .	MS	MS	MB		MS	Mg	MS	Me	MG	NS	#3 #0	M3	NS	M3	ACS	M3		
100/07	MS	NS	NS	MS	NS .	AUS	AS	NS	NS -	MS	AS	MS	MS	ME	MS ZM	NS -		~~	WS	~	AUS		fare	O.W	
-	MS	MS	ME	MS	ME	MS	MS	A/S	AFE -	ME	A/S	MS	NS	MS	NS	AIR	MS	MR	MS	we	40			0 N	
-	MS	M3	MS	ME	AS	MS	AS .	MS	MS	AS	AS	MS	MS	MS	NS .	NS	NS	A/S	AS	AS -	nest .	MS	WS		
HAMPIE	AS	AVS	ME	MS.	MS	NS	ACS	AVS	MS	ME	MS	MS	NS	NS	MS .	NS	A/S	MS	MS	A/S	MS	W5	Ars	DIA	
JON-HIGE	MS	WB	MS	MS	MS	MS	MS	MS	M8	448	ME	MS i	MS	NS	MS	MS	MS	NS	AS	NS	A/S	MS	NS -		
-DH-HMD	MS	MS	MS	MS	MS	MS	ACS	MS	#8	A48	MS	ME	NS.	NS	NS	MS	NS	MS	NS	MS	MS	AS	NS	0 M	<u></u>
COOP	MS	MS	NS	MS .	ME	MS	AS	MS	ME	ME	ArS	MS	NS	NS	MS	NS	NS	NS	NS	MS	NS	MS	NS -		45
GB1	MS	MS	NS	MS	MB	MS	MS	A45	Mt	MB	MS	MS	NS	MS	MS	MS	214	MS	NS	NS	MS	AS	MS	0 N	/5
GBS	ME	MS	MB	MS	MS	ARE	MS	ACE	ANS .	A43	ME	MS	NS	MS	MS	MS	NS.	NS	MS	AS	AUR	ALS	ALE .	0 M	

											General	H EMCON	c - July A	UE 1960		-,									
Wal sp	1		B :	ā (S E	13 -71	5 -161	4		(,) 2 - Inchiserthaue	Secretary or second	j	Observery	(Mr. Bever	12-factor abouters	(pa)	cs-12 0G	Mer-17 00	Cores Dada	Obtendom	Cates for the ca) - Money	Benger (North	W 45	Mary Lord Tender
CLOWINA	MS	MS	MS A	18	MS	MS	MS	ME	MS	MS	MS	MS	MS	NS	MS	NS	NS	MS	MS .	MS	NS	NS.	NS -	MS	1
CLAVIE	ME	MS			MS	MD	MD	MS MD	A/S A/D	MS	MS	MS ND		MS	MS	MS	MS	MS	NS	MS	MS	MS	MS	NS	1137 50
CHRAS	MD	_ ND			MA	400	MS	NO Adt	NS	AS		NS		MS	NS	ND	MA MS	NA MS	MA	MD	MD	NA .	ND	1 - 3	1136 61
CHANGE	MS				, MS	M8	MS	MS	AS.	MS	MS	MS	MS	AIS	MS	NS -	MS	MS	MS	MS	NS	NS NS	AS	MS	1138 46
CHAM	ND T	MD .			NA.	NO	MD		ND	MD	MD	ю		ND	NA .	MD	NA.	NA.	NA -	NO	MD	NA .	ND	2200	
CMMS	MD	NO			MA	MD	ND NS	A/S	MD AS	ND	DM	ND	ND	ND	NA	ND MS	NA NB	NA	NA.	NO	MO	NA	MD		1137 02
CHAN	·#5	MS	AS A		NS	MS	MS	AS	AS	ALS		NS	MS	MS MS	NS	MS	NS SN	MS MS	MS	AS SA	NS	NS NS	MS.	MS MS	1137 22
CHAMBA	MS	NS	ME	M	MS	NS	MS	MS	ALS	NS	AS	MS	MS	MS	MS	AS .	MS	MS	MS	MS	MS	MS	MS	NS	1136 (
CHANGE	MS	MS		d	<u>~</u>	AS AS	NS NS	MS	MS MS	MS	AS	NS		NS_	NS	AS	AS	MS	AS	MS	AIS	MS	NS	NS	1136.81
CMW10	MS	#3 .MS			MS	MS	MS	ASS.	ACS	ACS	WS	NS		MS	NS NS	MS MS	RS 2M	MS MS	MS -	MS	NS	MS MS	MS MS	NS	1136 06
CHAVITA	MS	MS	ACS A		MS	A/S	MS	MS	MS	MS		NS	MS	MS	NS	NS	MS	HS	AS -	MS	MS	MS	NS	24	1136 64
CHAVE 18	M3	MS		15	MS	MS	MS	A48	MS	MS		MS MD		MS	MS	MS	MS	NS	MS	MS	NS	NS .	MS	NS	1136 79
CHANIS	ND	,ND	,ND		. 	ND ND	MD	-	NO NO	ND NO			ND	ND ND	NA	ND ND	NA NA	NA	MA	ND	MO	NA.	NO	1	7 1137 03
CMW14	NO	NO TO		D	NA_	NO	ND	MD	MO	ND	NO ON	ND	ND	NO ·	MA =	ND		NA	MA	ND ND	ND	MA	ND ND	521	1 1135.53 1135.6
DM1	NO	MD	300		MA	MD MS	73	434	NO	ND		MD	ND	ND NS	NA _	ND AS	MA MS		D MA	ND	NO	MA	ND AS	100	
DM2	MS MS	NS NS	ANS A		A/S A/S	AS	MS MS	AS	ACE ACE	NS NS				MS MS	NS NS	MS MS	MS MS	NS NS	AIS AIS	MS	MS.	MS	MS	NS.	NS
D844	MS	MS		18	MS	MS	M3	ME	MS	A45	MS	NS		AS	MS	WS	MS	AS	AG	NS	MS	AS	NS NS	MS MS	NS _
DMS	MD	ND			NA	NO		MD	MD	MD			ND	AS	NA	ND	NA .	HO	m	NO	NO	MA	ND	20000	1136 24
DMS	NO NO	ND	ND		INA	ND ND	MD		1 0 MO	ND ND	NO	ND NO	ND ND	ND	MA	ND ND	NA.	NO	MA	NO	MD	MA	MD	12	1136 62
DAME	· · · · ·	- NO	MD A		M	MD	NO	ND TO	NO	MD ~-	MD			NO		NO	MA.	NO Z	NA NA	ND ND	ND	MA.	ND ND	712	1136 01
DAMO	Ю	MD	ND N		INA.	ND	NO	MD	1100		NO		MD	100	NA.	8800	NA	ND	MA	ND	ND -	NA	MO	17300	
DM10 DM11	,ND	16 16 MD		110	MA	ND ND	116	300		ND	ND		MD MD	NO	NA		MA		NA .	MD	ND	MA .	HD	1100	
DM12	NO.	- MD		Ď. – – –		MD	HD .	MD	NO	NED	ND	ND		ND	NA	ND	MA	NO 13	NA NA	ND ND	ND ND		MD MD		1130.11
DM13	MO	- NO	130 1			ND	100		MD	MD		NO		NO	NA.	30	M	MD	MA	HD	100	MA	NO	2750	
DM14 DM15	ND 10	MD MANO	+ — 180 t		MA	MD	170		HO	ND		ND		ND	NA .	NO	NA	MO	NA	HO	IND	MA	NO	14380	
DM 16	ND_	ND	100 ja	o		NO	MO T	MD	NO	NO	NO	NO		ND	NA	NO	NA NA	MD 246	NA NA	ND	ND ND	NA .	MD MD	2000	1130 06 1136 54
QM17	ND	ND			MA	MD	NO.	MD	MD	MD	NO	NO	ND	NO		ND	MA	NO	NA.	HD	ND	MA	NO		1130 71
DM18	NO	,ND			INA.	MD	NO T	MO1	1 NO	MD	NO NO	ND ND		ND	NA	ND ND	NA		NA.	MD	MD	NA .	ND	36	1130 8
O4420	MD				MA .	100	NO	NO.	NO	ND	HEO	ND			MA	NO	MA	ND ND	MA	ND NO	MD	MA	MD MD		1137 00
D4421	HO	MD		•	MA	- MO	NO .	MD	ND	MD	NO	NO			NA T	ND -	NA NA	NO	NA -	NO	NO	NA	MD	- 0	1136 02
DW33	ND ND	ND		0	<u></u>	MD	MD MD	MD Z	7 ND	ND	NO	ND		ND ND	NA	ND NO			NA.	ND	MD	NA	ND	57	1137 74
DM24	- NO	MD		60		HE	ND	NO	MD	NO -	NO	NO		NO.	<u> </u>	NO	MA	ND ND	MA -	NO NO	NO NO	MA MA	MD I	🖫	1136 47
DM25	NO	MD			MA	NO	MO	ND	MD	MD	NO	MO		ND	NA .	ND	MA	HD	MA .	MD	NO	MA	NO		1136 84
DM26 DM27	NO	MD.		O	MA	MD	MD	MD	MD MD	MD	ND	MD		NO	NA	NO	NA.	ND	NA.	ND	NO	M	ND	•	1130 80
OM28	ND			~	NA		NO NO	MD	NO	ND	ND -	NO	HO	ND ND	MA	NO NO	NA.	MD	MA	MD MD	ND ND		MD		1137 12
DM20		10 ND	100		MA	ND	146		9 ND	MO	NO	ND		ND NS	M	ND	MA		NA .	NO			HD -	2000	1130 31
DM36	MS			ris ris	MS_	MS MS	NS	MB	ASS	MS	MS	2N 2N	MB	NS	A/S	MS	NS	MS	MS	MS	MS		MS /	rs jr	
GGP1	.MS	-: ***			MS	AS	NS NS	MS	MS	MS -	NS 2N	MS		NS NS	NS NS	MS	NS NS	NS	MS	MS NS			MS A	15 A	v3
GGP2	MS	MS	MS .	viš	MS	ARS	MS	WB	MS	MS	MS	MS	MS	NS	MS	MS	MS	AS	MR -	AS	MS	MS -		15 4	.
GGP3	MS	MS		VS	MS	MS MS	AS	AIS	MS MS	MS	MS	MS	AIS	MS		AS	MS	AS	MS.		MS	AG	NS A	/S A	: 1
GT2	M\$		MS		MS	- ME	MS	AS	MS	MS	MS	WS				NS NS	AS	MS MS	MB MS	NS NS	MS	ACS ACS ACS ACS	MS A MS A MS A	: :	.
GT3	MS	MS	MS	VE	MS	MS	MS	AFE AFS	MS	MS	WS	MS	MS	MS MS		MS	MS	MS	MS -	WS	MS MS MS	kd	14	s 'j	•
GT4	MS	200	ME	45	MS	N/B	MS		NS	MS	M3	MS	MS	NS		MS	NS	MS	AS AS NA	MS	MS .	ws !	14	•	: 1
	MS	INS		45 · · · ·	MS	A/S	MB	MS MD	A/S	MS MD	MS_	ND	NO	MS MD	MS	MS MA	MS	MS	MS	ND -	MS	W5 .	== _** eb	• • •	* ,, <u>,</u> ,
MANZA	AS	M8		vs	MS	AS	NS	MS	AS	MS .	MS	MS			AS	MS	NS	#S	MS	MS			vi (4		•
Petros	MD				MA	MD	MD	NO.	ND	ND	MO	ND	MD	ND T	NA .	NA .		ND	MA	NO	ACS HID HID HID HID HID		• '	. •′_	1139.00
	MD	- AS	ND		MS	MS ND	MS	Add MD	MS	MS	MS MD	MS		MS		AS		A/S		AKS			- "	•	
	1700	- T	, - m	_	1000	1770	(PRE)	J-eu	1992	1796	TARRE .				707	1	Table .	:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ا بسب			·		

Table 2-8 Summary Of Chemical And Water Level Data General Electric - July Aug 1985

											Gener	al Electri	c - July A	UK 1990											
	•			!	: <u>j</u>	_		Ł		1	,		 E	ŧ	a a constant	-		g	,		1		1	ı	•
****	į	· 1	<u> </u>	1 2	. 8	25	3	1		1	1 B	1		1	Derthroth	100	38-1.7 BG	17.	1	5	1	1	3	,	E
'	4	. 5		i	2		_	¥		3	Š			2	2.	*		3	3		3	~	}	-	a)
	MS	MS MS	MS MS	AS	MS MS	MB MD	AS AS	Ars	MS MS	MS ZM	NS NS	NS	MS	MS MS	NS NS	MS MS	NS NS	NS NS	MS	NS	MS MS	MS	NS	MS MS	NS NS
LEVAS	ND NO	MD MD	ND_	MD NO	NA NA	ND NO	ND 31		MD MD	NO	MD	ND ND	ND ND	MD MD	NA NA	MA.	M		NA B NA	ND 54	ND ND	MA	ND	718	
	NS NS		NS NS	NS NS	AS AS	MS	MS MS	NS	MS MS	MS MS	MS MS	NS NS	MS MS		NS NS	MS MS	MS MS	NS NS	MS MS	MS	MS MS	NS NS	NS	MS MS	NS NS
MWIA	ND NS	ND NS	MD	ND NS	_ M	MO AND	MS MD	MS	MD MS	MS	NS.	MD MS	ND AS ND	NO	NS	NS.	MA MS	NO NS	NS .	ND NS	MD MS	NS	ND MS		1136.11 AS
MWB	HD HS	MD MD	MD	NO NS	NA NA	MD MB	ND	ND ND	ND ND	MD	ND	MD MD M\$	ND AS	MD	NA NA NS	MA MA MS	NA NS	MD D NS	MA MA MS	ND ND	ND	NA NA	ND		NS NS
MANAGE	MS	MS		AS NO	AS NA	MS	MS	AS	AS	MS	MS	MS MD	AS NO	MS AS	MS	MS MA	NS NA	MS	NS NA	MS MS MD	NS NS	MS MS	MS MO	MS	NS NS
MANIGA	MS	NS	AS AS	MS	MS MS	MS	MS	AS AS	ALS	MS	MS	MS MS	MS MS		NS	NS NS	MS MS	AS AS	MS MS	MS MS	NS NS	MA INS INS	MS MS	NS	NS NS
	MB MS	MS MS	AS	MS MS	MS MS	ME ME	MS MS	AS AS	AS AS	MS MS	MS MS	NS NS	MS MS	NS NS	NS NS	NS NS	NS NS	MS MS	Me	NS NS	NS NS	MS	MS MS	NS	NS NS
P2 P3	MS	MS MS	MS MB	MS MS	MS MS	AIS AIS	MS MS	MS	MS MS	MS MS	NS NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	MS MS MS	A'S EN	MS MS	NS NS	NS NS	NS	NS ZM
Pi	MS MS MS	AS	MS	MS MS	MS MS	MB MB	MS MS	MS MS	MS MS	MS MS	MS	NS NS	NS NS	NS .	NS	NS SN	NS NS	NS NS	NS NS NS	NS NS	MS MS	NS NS	NS NS	MS	NS NS
PREMIT	NS NS NR	MS		MS MS		AS	AGE	ME	AS	AS	MS MS MS	NS NS NS	NS NS		NS NS NS	NS NS	MS MS	2M 2M 8M	MS MS	NS NS	NS NS	MS MS	NS NS	MS	N2 N2
Res .	MS	MS MS	AS	AS AS	ACS		AIS	ACS ACS	AS	AS	MS	MS MS	NS	MS -	NS NS	NS	MS	AS AS	NS =	NS NS	NS NS	NS NS	NS NS NS	AIS	NS NS
Pais	MS	MS MS	MS	MS MS	AS AS	MS MS MS MS	AS	MS	MS MS	MS	MS MS	NS NS	MS MS	NS	NS	MS MS	MS MS	NS NS	NS NS	MS	MS	MS MS	MS MS	NS	MS MS
	MS MS	MB MS	MS MS	AS AS	MS MS	MS	MS	MS MS	A49	MS MS	MS	NS	MS .	MS MS	NS NS	W2	NS NS	NS NS	NS NS	NS	MS MS	NS NS	NS .		NS -
RMC3	ND ND	ACS NO	MD MD	MD MS NO		MD MD	MD MB MD	MS MD	MS	MD MD	MD MB MD	ND NS ND	NO AS	MD M3 MD	MA MS	NA NS	NA NS	ND NS	MS MD MS	MD MS	NO NS		ND NS	MS	NS NS
SFWI	NO	. NO	NO	NO		140	ND	MD	ND	NO	ND	ND	NO	NO	MA	NA NA	MA MA	ND ND	HA NA	NO NO	MD MD MD	NA NA	MD MD	0	NS 1134 65
SFW0	ND ND	MD MD		14 ND	NA -	MD MD	130		ND ND	ND	4	ND ND	MD	ND	NA	NA NA NA	MA.	130	NA .	NO NO	MD MD	NA NA NA	ND NO	524 1700	1124 66 1133 86
SFWB	NO MS	ND	MD	ND AS	MA ME	NO AS	146 ASB	ANS	MD	NO MS		MD	MS	ND ND NS	NA	MA MS	NA Ars	364 A/S	MA MA	NO AS	MD	MA	NO	1400	1134 56 NS
SFWB	MD	ND ND		64 ND 60 ND	MA.	ND NO	100		6 ND	ND ND		ND ND	MD MD	ND ND	NA NA	MA MA	NA		NA .	MD MD	MD MD	NA.	ND ND	1170 1370	
SFW10	MD MS	MD ME		ME .	AS	MD MS MS	MS	MB .	Ars	MD MS	NS .	NS	ND NS	ND AS	NA NS	MA MS	NA NS	MS	MS	MD MS	MD MB MS	MA MS	ND NS NS		1136 17 WS
	MS MS	MS MS	MS MS	MS MS	MS MS	AS	MS	AS AS	AS AS	MS MS	MS	NS NS NS	AIS AIS	AS .	NS NS NS	MS	MS MS	NS NS	MS MS	MS MS	MS	NS	MS	WS	NS NS
SFW14	MB MS	MS	MS	MS MS	MS MS	ARE	MS	AS	AS	AUS	AS	MS MS	AS	MS	NS RS	NS NS	MS MS	NS NS	MS MS MB MS	MS MS MS	MS MS MB MS	MS	NS NS	MS MS	NS NS
AGZ	MS	MS	A/S	MS	MS MS	MB	MS	MS MS	MS	ACS	AS AS	NS	MS	MS	NS NS	MS MS	MS MS	RS RS	AS	NS	NS	MS MS	MS MS MS	MS I	NS NS
AGS	MS MS	MS MS	MS MS	EM EM	AS AS	MS MS	MS	ARE ME	ALS	AUS AUS	MS	MS MS	MS MS	NS NS	NS	NS NS	NS NS	NS NS	NC.	MS MS	AS	MS	NS NS	NS I	NS NS
AG7	MS	MS MS	MS	MS NS	ACS	AVS	AS	AS	MS	ACS	MS	NS NS	MS MS	MS	NS NS	2M 2M	MS MS	NS NS	NS NS NS	NS	MS	MS	NS NS	NS I	NS NS
AGB AG10	MS M3 MS	MS MB MS	MS MS	MS MS	MS MS	AS	EN EN	MS MS	M3	MS MS	NS NS	NS NS	AS	MS	NS NS	NS NS	MS	NS NS	NS	8M 2M	ME	2M 2M	N5 N8	NS I	NS NS
AG11	MS MS	MS MS	MS MS	'NS	AS	MS MS	AS	ACE	MS	AUS	AS AS	MS MS MS	A/S	AS	84 24 24	NS NS	MS MS	MS MS	MS MS	NS NS NS	AS	MS MS	NS NS	MS /	MS MS
	ME MS	NS NS	MS AS	MS MS	AS AS	MS MS	MS	ME MS	ACS	NS NS	AS AS	AS AS	MS MS	MS	MS MS	NS NS	MS	MS MS	NS NS NS	NS NS	MS	MS	NS NS NS	NS I	MS MS MS
813	NS	NS	ME	MS	AS	A46	MS MS	ME	ASS.	MS	ME	NS	MS	AUS	ME	MS	MS	A/S		AS		MS I	NS	MS /	MS

Tb. _-8
Summary Of Chemical And Water Level Data
_____General Electric - July Aug 1988

World D														N ENCOM	<u> </u>												
\$\text{8} \text{1} \t	****	!	1		9 1	1 1	(5-5)	29-52	5		ž.	1.12- Inchesteur	lebacker settere	į	Othersbrine	Chap - Barvere	12-Deble decore	Sphere (tata)	pg-12 00	Page - 1,2 DG	Carton Dander	Directors	Cales intentite ch	3-Maren	Befinger Diese	1	Bain Ingi Enden
Part Med	STA	MS		MS	NS	MS	ME	AS	MS	ME	NS	MS	NS	NS	MS	NS	AS	MS	MS	MS	MS	MR	Ma	MC	ue		
#22 MS	PZI	ME	i	AS	'NS	AS	ACT	MB	MS	ACS	A/S	MS	NS	MS	NS	AS	AS	NS	MS	NS	MS	ACS	AS	ins	245	AC	
P23 M8 M8 M8 M8 M8 M8 M8 M	PZ2	MS		NE	NS.	MS	NB	MS	NS	MB	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS.	MS	ars	A12	WS
PZS NS	PZ3	AS		ME	WE	NS	ME	MB	MS	MS	445	NS.	NS	MS	MS	AS	NS	NS.	A4C	NS	MS	MS	AS	MS	MS	MS	MS
P.ZS M.S	PZ4	MS		NS	ME	MS	MS		ME	ACE	NS.	MS	MS	M2	AK.) Act	MS	(AS	MS	MS	NS	NS	MS	MS	MS	AS	MS
P	PZS	MS		ME	MS	MS	MB		A/S	MS	MS	IA/S	MS.	MS	IMS	AS.	IAS .	MS	MS	NS	NS		MS	NS	MS	NS	MS
Page	PZ6	MS		MS	WE	MS	MS		M\$	MB		MS .	:NS	INS .	#S	LMS.	MS	NS	NS	NS	MS	NS	MS	MS	#S	MS	AS
PUN NG	PZ?	MS		MS	NS	NB	NS	AB	MS	MS	48	MS	Me			MS	INS	MS	AS	AS	MS	MS	NS	AS	MS	MS	NS
P21 M2	P20	WS	بـــــــــــــــــــــــــــــــــــــ	MS	.MS	,MS	MB	M8	NS	AS	A48	MS	INS.	MS	MS	AS		1873					ME	MS	MS	MS	MS
Part	PZ10			ME	'MS	MS	ME	MS	MS	ME	ME	WS	AS	MS	M\$	AS	NS	MS.	AS	MS	MS	MS	MS	NS	MS	NS.	MS
F 1	PZ11	MS		MS	. <u>MS</u>		, MS		AS	MS	M3	WB	AS	M2	∤#S	INS	WS	MS	MS	MS		ME	ACS.	MS	MS	MS	NS
	PZ12	W2		MS	-MS	ME	ME	- MS	MS	MST	ME	MS	MS	W8	#8	MS	NS	AS	NS	MS	MS	ias	MS	MS	MS	MS	MS
1989 1985 1	HEAVY			. M.Z	+ 154	NO.	- NS	NO.	MS	ACE	AS	MS	MS	MS	MS	MS	MS	MS	MS	MS	AS	i ars	MR	MS	MS	MS	NS
HAMMA MS		- 75							- M73	-		ACS	W3	MS	WZ	AS	NS	AS		AS	ME	NS _	ME	MS	MS .	NS	MS
HEADY AS AS AS AS AS AS AS A	HEAVIS					· • • • • • • • • • • • • • • • • • • •	·					-	MS		ACS	N3	- NS	#5 · · · ·	NS			NS	MS	MS	MS	MS	AIS
**************************************	-						- 140		W			40		#8 	M2	A5	NS	A/S	NS						NS	NS	MS
HAND AS						-		_	-								43	105	MS	M3	AS	MS	WS	MS	MS	MS	MS
HARMING ANS	-			42					48							-			A.S.	/es	AUS	W3	MS	NS	MS .	MS	MS
Name	-	. ALS		MS	MS.	<u> </u>	- Add	ALS:	ALS	<u> </u>	448		AS	ME	M2		NS		40		A45	W2	N/3		WE	M3	MS
HEADYNG MS	1000	last.		MS	ME.	lace.	AS	ASS	ALS	AME	AUE	aug.		MS.	ME	MS.	#S	- ·	44	40	#5	ME.	MG	MS	INS	MS	AS
INN-HEE MS	100000	ALS		Ar8	ME	ACE -	ALS.	AG	AUS	ASS	ME	ACS		MS	MS	\$ "- ~ ·	WS	MS				(III			145	W2	AUS .
2014-110 AS MS	JON HEE	MS		NS	WE	ME	ME	ACE	MS	ACT	MB	AS	MS	MS	NS .	MS	MS	MS	MS	448	Aug.				- ·	<u></u>	
COOP MS	DHHID	NS.	,—·	MS	MS	MS	ME	AS	MS	419	MS	ME	MS	MS	NS	AS	NS	AS	NS				1	+	M4	~3	
	COOP	MS		MS	MB	MS	MS	ME	MS	A/S	AUS	MS	MS	ME	NS	NS	NS	NS	AS	AS	AS	A48		1			1137.21
IGB1 MS	G61	NS	3	MS	MS	ME	ME	AS	ALS	ARE	ACE	ACS	MS	NS	NS	MS	INS.	MS	NS .	AUS	ACS	NS	+		ASS.	43	M2
CORS MES MES MES MES MES MES MES MES MES ME	Q\$2	MS		ME	MS	148	MB	ME	ALS	MS	MS	MB	MS	MS	MS	NS.	NS	AS	MS	ACE	ACE	MS	MS	ME		MS -	MR

Table Summary Of Chemical Data KDHE - July Aug 1986

W-4 10	Opende	a or theore	. 9	1 2	10 (total)	7.84	1.1-IQ	Se cethan	nu/duc	inchis etnore	our celhere	Opene	abenvene	· Benzene	higi oben jene	re (tolot)	8 7	1,7 00	Postion	1000	(cirac mande	h.lanare	er David	d VCCs
	,		- •	-	; = -	-				112.	•			€	12-06	<u>.</u>	8	1	. §	6	j j		4	3
CHAPIA	ND (0 0)	ND (3.7)	ND (0 6)	NO (0.5)	ND (0 5)	ND (0.6)			ND (0.4)	MD (0 &)	ND (1 1)	MD (0 4)	ND (0 4)	ND (0 7)	NO (1 0)	NA	NA .	NA .	NA	M	NA .	NA .	MA	
CHMO	MD (0 8)	ND (3.7)	MD (0 6)	MD (0.6)	MD (0 5) MD (0 5)	ND (0.6)	ND (0.7) NO (0.7)		ND (0.4)	ND (0.6)	ND (1 1)	ND (0 4)	ND (0.4) ND (0.4)	ND (0 7) ND (0 7)	MD (1 0) MD (1 0)	NA	NA NA	NA	NA	NA.	NA	NA	MA	0
CMMSA	ND (0.8)	MD (3.7)	MD (0.4)	HD (0.5)	7	.6 ND (0.6)	NO (0 7)		ND (0 4)	ND (0.6)	NO (1.1)	ND (0 4)	ND (0 4)	MD (0.7)	ND (1 0)	NA.	NA -	NA.	MA		NA	NA	MA	0.0
CMMSB	HD (0 8)	10 (3.1)	_4	6.2 HD (6.5)		1.7 NO (0 6)	7.2		MD (0.4)	ND (0 8)		MD (0 4)	ND (0 4)	ND (0 7)	ND (1 0)	NA	NA	NA.	MA	NA .	NA.	NA	M	172 6
CMMS	ND (6.8)	ND (3.7) ND (3.7)	ND (6.6)	2.9 ND (0.6) ND (0.6)		i. 1 MD (0 6)	ND (9.7)		MD (8.4)	ND (0 6)	ND (1.1) ND (1.1)	ND (0 4)	ND (0 4)	ND (0.7) ND (0.7)	ND (1.0)	NA	NA	NA.	NA	INA	NA	MA	NA	267 7
anni "A	MS	MS	MS	2M	MS	MS	MS	MS	MS	MS	MS	MS	AS	MS	NS .	MS	MS	NS	MS	AS	AS	MS	NS	MS
CHANTA	MD (0.8)	ND (3 7) ND (3 7)	(e.e) MO (e.e)	ND (0.5)	MD (0.5)	ND (0.6)	ND (0 7) ND (0 7)		ND (0.4)	ND (0.6)	MD (1.1)	MD (0 4)	ND (0.4)	ND (0.7)	ND (1 0)	NA	NA	MA.	NA.	MA	NA.	NA	NA	04
CMM85	MD (0.8)	HD(37)	MD (0.0)	ND (0.6)		ND (0 8)	ND (0 7)		HD (0.4)	ND (0.0)	ND (1.1) ND (1.1)	ND (0.4)	ND (0.4) ND (0.4)	ND (0 7) ND (0 7)	ND (1 0)	NA NA	NA -	NA	MA	MA NA	NA	MA	INA	467
CMMB	ND (0.8)	NO (3.7)	MD (8.4)	MD (9 5)		. e MD (0 6)	NO (0.7)	MD (0.6)	MD (0 4)	ND (0 6)	ND (1 1)	ND (8.4)	NO (0 4)	MO (0.7)	HD (1 B)	NA .	MA .	NA.	NA .	NA	NA	NA	NA .	
CMW16 CMW11A	NO (0.8)	ND (3.7) NO (3.7)	MD (0.6) MD (0.6)	MD (0.5)	ND (0.5)	MD (8.8)	ND (0.7)		ND (6.4) ND (6.4)	ND (0 6) ND (0 6)	ND (1.1) ND (1.1)	ND (0 4)	ND (0.4) ND (0.4)	NO (0.7) NO (0.7)	ND (1.9) ND (1.9)	MA	NA NA	NA.	NA MA	NA.	NA .	NA	MA	
CMWIIB		9 4 ND (3.7)	HD (0.6)	2.		17 NO (0.6)		HD (0.6)		HD (0 6)	MD (1.1)	HD (0.4)	ND (0.4)	ND (0.7)	ND (1 0)	NA .	MA.	M	NA NA	NA NA	MA	NA	NA NA	20.0
-	MD (0.6)	MD (3.7)	MD (0.6)	HO (0.6)	MD (0.5)		MD (0.7)		(0.4)	ND (0.6)	ND (1.1)	MO (0.4)	ND (0.4)	ND (0 7)	ND (1 0)	M	NA .	NA .	NA .	NA .	NA	NA .	NA	0.0
CMW13	NO (0 6)	ND (3.7) NO (3.7)	MD (0.4)	8.7 ND (0.5) ND (8.6)		1.2 MD (0.6)	80.7 NO (0.7)		ND (0.4)	ND (0.6) ND (0.6)	ND (1.1)	ND (0.4)	ND (0 4) ND (0 4)	ND (0.7) ND (0.7)	ND (1.0) ND (1.0)	NA.	NA -	HA.	NA NA	NA	NA	NA	NA .	187 5
OM1		1.8 ND (3.7)		16.		75 NO (0.6)	2001		ND (0.4)		I NO (1.1)	ND (0 4)	MD (0 4)	ND (0.7)		NA	NA	M	MA	NA -	NA	NA	NA	3670.4
OMS	ND (8 8)	MD (3.7)		19		2 ND (0.6)	82 4		MD (0 4)	MD (0.6)	1	MD (8 4)	HO (0 4)	ND (0 7)	ND (1 0)	NA	NA .	NA.	MA	NA	NA.	NA	NA	125 9
OM3	MD (0 B) MD (0 B)	ND (3.7) NO (3.7)	 :	99 22		1 6 MD (0.6)	191		MD (0.4)		7 MD (1 1)	ND (0.4)	ND (0 4)	ND (0 7) ND (0 7)	ND (1.0) ND (1.0)	NA	MA.	INA.	MA	MA.	MA.	NA	NA	623 5
CRAS	ND (0.8)	ND (3.7)				NO (6.6)			NO (0.4)	HD (0 6)	ND (1.1)	ND (0.4)	NO (0.4)	ND (0 7)	ND (1 0)	M	NA	NA -		NA	NA	NA -	NA	623
OM6	ND (0.6)	HD (3.7)	HD (0.6)	MD (0.5)		ND (9.6)	ND (0.7)	6.7	MD (0.4)	HO (0.6)	ND (1 1)	MD (0 4)	NO (0.4)	ND (0 7)	MO (1 0)	NA .	NA .	NA.	NA	NA	NA	NA	MA	1.5
DM7	HD (9.4)	7.2 ND (3.7) ND (3.7)	HC (0.6)	8.0 (0.6)	ND (9.5)	86 NO (0.6)	ND (9.7)	MO (8.6)	ND (0.4)	ND (0.6)	ND (1 1)	ND (0.4)	ND (0.4)	ND (0.7)	ND (1.0)	NA	MA	NA	MA	MA .	NA	NA	NA	683.4
OMB	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	NS	MS	MS	MS	NS	MS	MS -	MS	MS	MS	MS	ws	NS	NS
DM10	NS .	MS	HAS	MS	MS	NS NS	AS	A/S	MS	ZW.	NS	NS	NS	MS	MS .	MS	NS	MS	MS	MS	MS	NS	NS	NS
OM12	- MS	,MS	MS		- AS	MS	- AS	MS	MS	MS	MS	MS MS	MS	NS NS	MS	MS ZM	MS	NS	MS	MS	NS		NS NS	NS NS
DM13	MS	MS	MS	MS	ACS	MS	MS	MS	MS	MS	NS	MS	NS	MS	NS	NS	MS	NS	MS	AS	MS		NS	NS -
DM14 DM16	MS	MS	MS	MS	A/S	AS	AS.	MS	MS	MS	NS	MS	NS	MS	NS .	MS	MS	NS	AIS	MS	NS		NS	NS
OM 16	MS			MS	- NE	MS	MS	AS	MS	MS	MS	NS -	MS	MS	NS	MS	MS	MS	MS	MS	MS		NS NS	NS NS
OM17	MS	MS	MS	NS .	MS	MS	MS	MS	MS	MS	MS	MS	M\$	NS	NS	NS	NS	MS	M3		MS		MS	MS
OM18	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	NS	NS	NS	NS	WS	NS	NS	MS	NS	NS	NS	NS	NS
DM30					MS	MS	MS	MS	MS	MS	NS	NS	NS NS	NS	MS	NS NS	NS NS	NS	NS NS	MS			NS NS	NS I
DM21	NS	AS.	NS	MS	MS	MS	N3	M\$	MS	MS	NS .	MS	NS	NS	MS	MS	NS	NS	NS	MS			NS .	MS
DMS3	MS	- IAS		MS	MS	A/S	AS	MS MS	MS SM	MS	MS	NS	WS	NS	MS	MS	NS	MS	MS	MS	MS	NS	NS	NS
DM24		NS	MS	AS	AS -	MS -	MS.	MS	MS	AS	MS	NS	NS	NS NS	MS	MS MS	MS_	MS	NS NS		.,		NS 	INS I
OM25	NS	AS	MS	MS	MS	MS	MS	A/S	MS	MS	MS	NS	MS	MS	NS	MS	MS	NS	NS	NS		NS	NS	NS
DM26	INS	MS	M3	_ AS	. AS	MS MS	NS.	MS MS	MS	MS .	MS	NS	NS	NS NS	NS	NS	NS	NS	MS	AS		NS	NS	MS
DM26	.MS	NS	AS	MS	MS .	MS	NS	MS	MS	MS -	MS	NS	MS	NS.	NS	NS_	MS	NS	NS NS			NS I	MS MS	NS NS
OM54	MS	WS	M3	MS	AS	MS	MS	MS	MS	NS	MS	MS	NS	MS	NS	NS	MS	MS	MS	1		NS	NS	NS
DM30	WS	NS	MS	MS	AS	MS	NS	MS	MS	NS	AS	MS	NS	WS	MS	NS	WS	NS	NS	MS	NS		. 2w	NS
GGP1	NS	AS	WS	M3	MS	MS	MS	MS -	MS	MS.	MS MS	NS	W2	NS -	NS NS	NS NS	NS	NS	NS		NS !	73 : 88	NS NS	NS I
GGP2	MS	MS	MS	ACS	MS	AS	MS	MS	MS	MS	NS	NS .	NS	MS	NS	MS	NS ZW	NS	NS -	MS	NS j	NS	NS	MS
GGP3	MS	. PM	MS	N\$	MS	MS	NS .	NS.	MS	NS	MS	NS -	MS	MS	MS	NS	NS	MS	MS	MS	NS	NS	ws	MS
GT2	NS	MS	NS NS	MS	NS NS	MS	AS	MS MS	MS	NS -	NS -	NS	MS MS	NS .	NS .	NS	NS	NS	NS NS		NS '		NS NS	NS 2N
613	NS	NS -	MS	MS	MS	MS	MS	AIS .	MS	NS	WZ	MS	MS	MS	1	MS	NS	MS	MS					NS ZN
GT4	MS	MS	NS	MS	NS	MS	NS	MS	MS	NS	MS	NS	MS	MS	NS	MS	NS	NS	NS	MS (NS 1	NS I	vs	NS

Table . Summary Of Chemical Data KDHE - July Aug 1986

	1	1	8	ā	ĵ	ş		1	M	Day of the sea	a separate		Men.vent.	Bevere	a aben/ene	(((((((((((((((((((1,2 BC	2.00	Darke.	E	4 of the	Ĭ	1	Æ
:	3	1 8	2	=	13-60	Ċ	4	•		4-21.1	3	3	å	È	12-Ben	*	Ė	Ì	3	8	1 1			3
WINA !	48	ME	MS	MS		MS	MS	MS	NS	NS	MS	NS	NS	NS	NS		MS	M\$	MS	MS	MS	MS	MS	MS
MWI	NS ND (6.8)	_MS		MD (0.5)		MS MD (6.6)	MD (8.7)	MD (0.6)	ND (0.4)	MS MO (0.6)	NS (1.1)	A(S ND (0.4)		NS (0 7)		MS NA	MS	NS .	MS_	NS	NS	NS	NS	MS
MAG	<u> </u>	ME	MS .	AS		MS	ME	MS (0.0)	MS	MS TO	MS	NS (E.V)	NS.	NS	NS		NS	AS	MS	NS.	NS	NS	MA	MS
MANSA	HD (0.0)	MO (3.7)	0.1	MD (0.5)	40.1	ND (0.6)	16.3	174	NO (0.4)	ND (6 6)	16.0	NO (0 4)	ND (0.4)	ND (0.7)	ND (1 0)	NA.	MA -	NA .	NA -	NA -	NA_	NA .	NA .	254 8
MW3	MS	, MS	MS	MD (0.6)	MS	MS (0.6)	MS	MD (6.6)	MS (0.4)	MD (0.6)	NS (i t)	NS ND (0 4)	MS MD (0 4)	NS ND (6.7)	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS
23	HD 40.81	MD (3.7) MD (3.7)	(MD (6/6)	(4.4) C		ND (0.6)	ND (0.7)		MD (0.4)	MD (0.6)	,	PHD (0.4)	ND (0.4)	MD (9.7)	1	<u>~</u>	MA	MA	MA		MA	MA	NA.	12 2
NAM I	ID (0.8)	MD (3.7)	13	13	176	ND (0.6)	Ø1.1	207	ND (0.4)	ND (6.6)	NO (1 1)	0.0	HD (0.4)	ND (9 7)	NO (1.0)	MA .	NA .	MA	NA .	MA	NA	NA	NA	671 9
MWS	2	3 ND (3.7)	11	6.0		NO (0 6)	1.1	4		MD (0 8)		ND (0 4)		MD (9 7)	5.6	NA	NA.	MA	NA	NA	MA.	NA .	MA	3661
ACWAL	ND (0 8) ND 40.81	,ND (3.7) ND (3.7)	ND (0.6) ND (0.6)	MD (6.5)	MD (0.6)	ND (0.6) ND (0.6)	ND (0.7)	ND (8.6)	MD (0.4) MD (0.4)	ND (6.6)	ND (1.1) ND (1.1)	ND (0.4) ND (6.4)	MD (0.4)	ND (0.7)	ND (1.0) ND (1.0)	NA	NA NA	MA	MA -	MA	MA	NA MA	NA	ļ ,
WW4	NS	AS .	MS	AS	MS .	MS	MS	MS	AS	MS	NS	MS	NS	NS	NS	MS	MS	MS	MS	MS	NS	AS	MS	INS
	HD (0.8)	норл	HD (0.0)	HD (0.5)		ND (0.6)	MD (0.7)	1.2	ND (0.4)	MD (0.6)	ND (1.1)	NO (6 4)	MD (0.4)	ND (6.7)	NO (1.0)	MA	NA .	MA	NA .	NA .	NA .	NA .	NA	1 2
	MS	- ME	- AS	- MS	MS	NS	A/S	MS	MS -	MS MS	MS	MS MS	ZNS	NS	NS		MS MS	MS	MS	MS MS	NS	NS	NS	NS
	HD (6 4)	HO (3.7)	HD (C.S)	NO (e.s)	MD (6.5)	MD (8.6)	ND (0.7)	HD (0.0)	ND (0.4)	ND (0.6)	P***	ND (0 4)		ND (0.7)	ND (1 0) -	NA .	<u> </u>	MA	NA	NA	MA	NS NA	NA	MS 0
MANA	ND (0.0)	ND (3.7)	0.0	B ND (e.s)		MD (0.6)	1.0	461		MD (0 6)	NO (1.1)	ND (0 4)		ND (0.7)	MO (1.0)	NA .	NA .	NA	MA .	NA .	NA	NA .	NA —	493 9
NAME	MS1	4-ND (3.7)	- 1 6.1	71.3	163	2.1	0.1	3670		ND (0.6)	2.2	ND (0.4)	ND (0 4)	NO (0.7)	NO (1.0)	MA MS	MA	NA .	MA	NA	NA	NA .	HA	3795.6
	NO 46 45	RS ND (3 7)			43400	ND (0.6)	19 7	61000		<u> </u>	2000	4.1	MD (0 4)	MS	MD (1 0)	A/3	MA	MA	MA	MA	NS	NS NA	NS	NS 107405 3
MAN 148	NC (0.0)	MD (3.7)		3 18.0	2.3	ND (0.6)	2.0		MD (0.4)	NO (0.6)		ND (0 4)		ND (0.7)	ND (1 0)	NA .	NA .	NA .	M	NA	NA .	NA	MA	26.5
	HD (0.0)	ND (3.7)	HO (0.6)	ND (8.6)	2.7	NO (0.6)		HD (e.4)	ND (0 4)	ND (0.8)		NO (8.4)	NO (0.4)	HD (0.7)	ND (1.0)	MA	NA	MA	MA .	MA	MA	NA .	NA	2.7
· · ·	MS		MS		ACE	AS AS	AS	MS	AIS	MS	MS	MS	W2	NS NS	NS NS		NS NS	MS	NS NS	MS MS	MS MS	MS	AS	NS
P3	MS	MS	NS	MS		MS	MS	NS	AIS -	MS	MS	NS	MS	NS	NS		NS	NS -	NS	NS	NS	NS	MS	MS
· · · — — · ·	MS	NS	MS	AS		ME	MS	MS	MS	A/S	MS	MS	MS	NS	NS		AS	NS .	MS	NS	MS	MS .	NS	NS
	MS	<mark>43</mark>	_AS	- MS	NS	AS	AIS	AS	MS	MS MS	MS	MS	W2	AS	NS	NS	NS	2M	MS	W3	MS MS	MS	NS	MS
	NS		- NS	MS	ACS	MS	MS	M8	MS	AS	MS	MS	NS -	NS			NS	MS	MS	MS	MS.	MS	MS	MS .
	MS	MS	MS	ME	477	MS	NS	MS	MS	MS	MS	MS	MS	WS	NS .		MS	MS	MS	MS	MS	NS	MS	NS
	NS		AS	MS	MS	MS	AIS AIS	ACS	MS	MS	NS -	NS	NS	NS	NS		NS	MS	MS .	MS	MS	MS	MS	MS
	AS		MS -	MS		MS	MS	AS	AUS	AS	MS	NS	MS	MS	MS		NS NS	MS EM	NS NS	MS MS	NS	MS	NS	N2
RIG	MS	WS	MS	NS		NS	MS	AS	AS	AG	MS	MS	NS	NS	N\$		NS	MS	NS	MS	NS	NS	NS	NS -
RIT	MS	MS	MS	MS	NS	MS	NS NS	NS	MS	AS	NS	NS	MS	NS	NS		MS	NS	MS	NS	NS	NS	NS	MS
RMC1	MS		NS NS	MS	NS EN	MS	AS	AS	AS -	AS	MS	MS	W2	NS NS	MS MS		MS MS	MS .	NS EN	MS		NS	MS	NS
MWD3	MS	AS	MS	NS	MS	NS	AS	MS	MS	AS	MS	NS .	NS	NS -	NS		NS	MS	NS	MS		MS		INS
	MS	MS	MS	MS	ACS	NS	MS	MS	NS	AS	NS	NS	NS	ws	MS		NS	MS	MS	MS		NS		MS
SFW1	MD (0.0)	MD (3.7) 1 ND (3.7)	MD (0.6)	MD (0.6)		MD (0.6)	HD (9.7)		ND (0 4)	MD (9 8)	ND (1.1)	ND (6 4)	ND (0.4)	ND (0.7) ND (0.7)	ND (1 0)	NA NA	NA	MA	NA	MA	NA NA	NA	NA .	27
	ND (8 8)	ND (3.7)	10	2	I		196		NO (0 4)	ND (0 6)		ND (0 4)	ND (0 4)	ND (0.7)			NA	NA	NA	MA	NA	MA	MA	1330 9
	MD (0 8)	ND (3.7)	79	3.			164		ND (8 4)	MD (0 6)		ND (0 4)		ND (0.7)	ND (1 0)	MA.	NA	NA .	NA	MA	NA	NA	NA	1235 9
	NO (8.8)	MD (3.7)		6 2.0		ND (0.6)	381	761	ND (0.4)	11	Me -41.	ND (0 4)	ND (0.4)	ND (0.7)	ND (10)	NA .	NA .	NA .	NA	MA	NA	NA .	NA .	1264 5
	MS (E)	- NO (3 7)	19	J		MD (0.4)	40.7	207	ND (0 4)	MD (0 a)	15	MD (8.4)	MD (0 4)	ND (0.7)	NO (10)	NS	75	MS NA	NS.	NS	NS	MS MA	NS	NS 433.4
SFW8	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS	MS	NS	NS	NS	NS	MS	AS	MS	NS	. Zw	NS .	NS T
****	MD (0.8)	HD (3.7)		- 4	4.	(0 E)	NS ZOAA		Nos	- 3	I for	MS (0.4)	ND (0.4)	NO (0.7)		NA	M	MA	NA .	NA	NA _	MA .	NA .	906
SEWIII	NS NS	N3	NS	MS	AS	MS	MS	MS	NS	MS MS	AS T	MS	AS -	NS	MS		NS NS	MS	MS	M3	NS NS		NS	MS
SFW12	NS	- ; ~	AS -	MS	MS	NS	NS	MS	NS	MS	MS	MS.	NS	NS -	1,45		NS	NS	NS -	NS ZM	NS	43 MS	ma NS	NS NS
SFW13	NS	MS	MS	ACS	NS.	MS	MS	MS	MS	MS	MS	MS	NS	NS			NS	NS	NS	NS_	NS	ws	NS	NS
8FW14	MS	MS	NS	A/S	MS	MS	NS NS	MS	2MS	NS NS	AS	NS NS	MS	NS NS		NS NS	WS	NS -	NS	NS	NS	vs .	MS	NS .
AG2	NS	MS	MS	MS	NS	NS	MS	MS	AIS	MS	NS	NS	NS	NS	1		NS NS	NS NS	NS		NS NS	NS ME	N2 .	NS
AG3	MS	MS	NS -	- NS	MS	NS	NS	NS	NS	MS	MS	INS	AS.	NS	4		NS	NS	MS	MS	NS	vs :	ns !	MS .

Table 2-9 Summary Of Chemical Data KDHE - July Aug 1986

***	i	A Design	a second	- B	100 (1)	(Man) DB C1	13-80x	1,3,1-104	helbe erben	Beise	1,12-Inchipeliere	let achieve there	learne	Ottorchenzene	Elbyt - Bertene	1,7 - Dichlar obenzere	Epitere (total)	B-1,2 00	hen-1,2 000	Carton Dradede	O See of an	Cases Ichachterate	2- Balenar	To any Company	later VCCs
404			ZW	NS	- AS	NS -	AS	AS	ALS	AS	NS	MS	MS	NS	NS	NS.	MS	AS -	AIS	Mg		MS	NS	we	MS
AG6	- NS		AS	MS	AS	MS	AS	MS	NS	MS	AS ZA	NS	MS	MS	MS	NS	NS.	NS	MS	MS	AS	MS	MS	AS	MS
AGA	- NS		MS	MS	MS	MS	MS	MS	A/S	MS	MS	MS	MS	MS	NS	NS	MS	MS	NS T	MS	AS	MS	MS	NS	NS®
AG7	- NS		MS	MS	MS	NS	MS	MS	NE		MS	MS	MS	MS	NS	NS	MS	MS	NS	MS	MS	MS	NS	NS	MS
AG8	MS		MS	MS	MS	MS	MS	MS	MS		MS	AS	MS	NS .	NS NS			NS	MS	NS	AS	MS	MS	MS	MS
AGR	NS.		MS	NS .	MS	NS	ME	AS	AS		MS	MS	MS	MS	MS	+ ·	MS		MS	NS	MS	MS	MS	NS	MS
AG10	MS		MS	_M3	MS	MS	MS	AKS			NS NS	MS	NS	NS NS	NS		MS		MS	MS	MS	MS	MS	ACS	NS
AG11	NS			AS	AS	MS MS	MS MS	MS			MS	MS	NS NS		NS NS	NS 2N	MS	MS	MS	NS	MS MS	MS	AS	MS	MS
AG12	AS.		- AS	 NS	NS	NS	AS				NS	Ne	ME		MS	4 7 1	MS MS	MS	W2	MS	4	MS		A43	MS NS
ST1	- AS			NS	NS	AS	AGE	MS			AS	MR	MS	MS	NS -	NS	WS	MC CM	M3	MS	MS	MS .	MS	NS	
ST2	AS		AS	MS	AS	AS	ACE	AS	ALS		NS	MS			MS	NS	MS	MS	NS	NS	NS	NS	M3	NS	NS NS
ST3	ME		MS	AS.	AS	MS	AS	MS	A/S	AS	MS	MS	NS NS	NS	MS	MS	MS	MS	NS NS	MS		MS	AS	MS	NS -
PZ1	M\$		MS	" NS	MB	MS	MS	MS	ME	AS.	MS	MS	MS	MS	NS		MS	MS	MS	AS -	MS MS	MS	AS	NS -	NS
PZ2	MS		MS .	MS .	MS	MS	AIS	MS	MS		MS	MS	MS	NS	NS		NS	MS	NS	MS	MS	MS	AS	NS	NS
PZ3	MS		MS	MS	MS	MS	ACS		MS	M\$	MS	MS	NS	MS	MS	NS	MS	MS	MS	NS	MS	MS	MS	MS	MS
PZ4	MS		MS	_ MS	MS	MS	MS	MS	AS	MS	MS	MS	NS		NS	NS		MS	MS	MS	MS	MS	MS	MS	WS
PZS	NS		_AS	NS	MS		AS	MS	MB	MS	AS	NS	NS	MS	NS NS	NS	MS	MS	MS	MS	MS	MS	MS	NS	NS
726	_'MS		_NS	MS		ME	200	MS			NS .	MS				MS	MS	MS	NS	MS	NS	MS	MS	MS	MS
P27	NS		_NS	_ ;NS		MS	AS		MS		EN 2M	MS	NS	MS MS	NS NS		NS	MS	NS	NS	MS	MS	MS	MS	MS
P210			<mark>MS</mark>		NS NS	MS			1		AS	MS	MS	MS -	W2		NS	MS	MS	MS	MS	NS.	MS	MS	MS
P211	- AS				-NS	MS	AS				AS	MS	MS		MS	MS		MS	NS NS	MS	NS NS	MS MS	N3	W3	MS
PZ12	Acs		~ ***	MS	7MS	ACE	ACS	ALS	A4S		AIS .	MS	NS		NS		-	MS	MS	M3	NS	MS	NS	MS	WS
HEART	MS		AS	MS	MS	AS	ACS	MS	ME		NS	NS	NS -	MS	MS	NS		AS	MS	MS	AS	MS	MS	MS.	MS -
HEMI	- NS		N3	NS	NS	MS	NS	MS	AS	MB	NS	NS	MS	MS	NS	NS	MS		MS	NS	AS	MS	AS	ALS	NS
HAMO	AS		MS	MS	MS	MS	AIS	MS	AS	AS	MS	NS	NS	NS	NS	NS	NS	MS	NS	MS	NS	NS	MS	NS	NS
HAMA	MS		AS	NS	NS .	MS	MS	MS	MS		MS	NS	MS	MS	NS	NS	NS	MS	NS	MS	AS .	NS	NS	NS	A/S
HAMAS	NS		MS	MS	_MS	AS	MS	MS			NS	MS	NS .	MS	NS				NS	MS	MS	NS	NS	NS	MS
HAME	MS		_MS	AS	ME	MS	M\$		MS		MS	NS.	NS	MS					MS	MS	NS	MS	NS .	MS	MS
HAMAY7	MS		. AS	MS	MS	MS	MB				MS	WS	MS			NS	NS NS	NS	MS	NS	MS	MS	MS	MS	MS
-	- NS		MS	M\$	- MS	MS	AS	1	AS	AS .	M3	NS	W2	NS NS	NS NS	NS -		MS	MS	NS	MS	NS	MS	MS	MS
-	- 73		. 1 ⁶³		1950 Mg	A/S	MS MS	MS				MC	MS		- warming the contract of	NS NS			MS	MS	NS NS	NS	AS	M3	
DILHEE				EM		- MR	aug	AS	ALS	MS		MS	M6		NS	MS MS		MS	NS	NS NS	MS	MS	AS	73 	m3
JON-HOD			2M	- AS		AS	A43	MS	AS	MS	AIS	NS	MS		NS		MS	MS	m3	M4	M3	MS	Mg	MS	MS
COOP	MS		.NS	NS	MS	MS	AS	MS	AS	MS	MS	NS	NS	NS	NS.		MS	MS	NS	NS	M8	We	ACS	NS .	MS
G81	MS		MS	MS	AS .	MS	AIS	EN	MS	MS	MS	MS	MS	214	NS NS	MS	MS		NS	MS	MS	MS	MS	vs .	NS I
GB2	MS		MS	MS	MS	NS	MS	MS	MS	MS	MS	MS	MS	MS	NS.	MS	MS		NS	AS	ACT	AS	ACE	W3 '	NS }

Tabb 34 app 3 of 3 d

Table 2-1.
Summary of Chemical and Water Level Data
1991 Donley Remedial Investigation

wes		1		= B	1	13-EET (belof)	13:62	11.1-1 C	To the second	* .	1,12-lifeting ethere	leberto edere	1	Obersteiner	[figt-lanvere	12-Dethodoxyese	Spinere (total)	sa-1,2 00	12.00	Page 15	Otto	Cabe literite d	7-Bilgran	Reflecte: Obside:		Beign Louis Louises
CIANTA	_ <u>L</u>	44	1000	HD (5.0)	HD (5.0)	100 (5.0)	HD (s.s)	HD (6.8)	ND (S.B)	ND (S.B)	NED (S-D)	NO (5 0)	ND (5 0)	ND (5 0)	ND (6.0)	HA.	NO (5.0)	MA	HA	ND (5 O)	MD (5.0)	14D (5.0)	HD (100)	ND (S.D)	ــــــــــــــــــــــــــــــــــــــ	1131 78
Caevne	- 445	E-1	MS	ME	MS		MS	M3	A/S	At\$	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS	MS	AS	MS	MS	1131.79
CMMZ	M2		M\$	MS	ME	#\$	ME	MS	AS	48	AS	MS	MS .	NS NS	NS -	MS	NS	MS .	NS NS	MS	NS NS	MS	MS	MS	NS.	NS
CAMAGE	⁴⁴ .		MS		MS	46	MS	MS	AS	A43	MS	N\$	WS	MS	MS	MS	NS	NS	MS	AS	MS	MS	MS	NS	MS	NS
CLAM	MS		MS	MS	MS	ME	A4S	MB	MS	ACE	MS	MS	NS.	MS	NS	MS	NS	NS	MS	AS	NS	MS	MS	MS	ME	NS
CMM	0	<u> </u>	MO (6.8)	MD(8.8)	NOIS S	MD(S.S)	MO(5.8)	MD(5.0)		ND(S D)	NO (S.O)	MO(S D)	MD(6 0)	MD (5.0)	NO(6 O)	MA	ND (5.0)	MA.	MA	MS	ND (6.0)	ND (S O)	ND (100)	ND (5 0)		1131.59 1131.66
CMM7	ms		AS .	ME	MS	MS	AS	WE	AS	MS	AS	ME	MS .	MS	NS	MS	MS	MS	NS	NS	MS	MS	MS	MS	NS	1131.57
CTRIVEY	AS.		MS	NS	MS	MS	MS	MS_	MS	MS	MS	MS	MS	WS.	MS	MS	NS	M3	ws	MS	NS	NS	NS	MS	NS	NS
CIMBO	AS		.MS	MS	HS.	MS	MS	MS	MS	MS	ME	MS	2M	NS	MS	ZM	MS	NS 2N	AS	MS _	MS	MS	NS NS	ZW	NS	NS 1131.56
CHANNE	MS		MS	MS	NS	NS.	NB	NS	MS	MS	AS	MS	MS	MS	NS	NS	NS	MS	MS	NS	NS	NS	NS	NS	NS	NS
CIAVITA_	NO	# · ·	ND (6.0)	MD (S.O)	ND (S.Q)		ND (5.0)	ND (5.0)	ND (5.0)	MD (6 0)	MD (5.0)	NO (5 0)	ND (5 0)	ND (5.0)	ND (5.0)	NA	ND (5 0)	NA.	MA	ND (5 0)	NO (5 0)	ND (5.0)	ND (100)	ND (5.0)		5 1131.41
CLARVITI	MS AS	99.00	MS (8-44)	_iec (e.ii)	ALS TO ALS	MS	AS	MS	MS	ND (8.8)	MS	MS	MS	AS	AS	NS	MS (5 U)	MS	MS	ND (5.0)	ND (S.G)	NE (S.O)	ND (199) AS	ND (S.O)	AS	1131.45
CHMIS	AS		AS	ME	MS		NS	ME	MS	MS	MS	MS	MS	NS _	MS	MS	W3	MS	MS	MS	MS	MS	MS	MS	MS	NS
CMW14	NO	A 80	NO (5.9)	ND (6.4)	ND (5.0)		ND (6.0)	NO (6.0)	MD (8.0)	ND (S.A)	MD (5.0)	ND (5 0)	ND (5 0)	ND (S.D)	ND (5 0)	NA -	ND (5 0) ND (800)	MA	MA.	ND (5.0)	ND (5 0)	NO (5.0)	ND (100)	ND (5 0)	12271	0 1131 58 0 1131 141
0443	MS	·	MS	ME	AS	AS	MS	MS	MS	ME	MS.	MS	AIS	MS	MS	MS	MS	NS	MS	MS	MS	MS	MS	MS	MS	1130.87
040	48		2W	MS	ME	ME	MS	MS	MS	ME	#8	ME	MS	MS ZW	MS	MS	MS	MS	MS	MS	ME	NS	MS	MS	NS	1130.92
DAM	NS ND		MS di de		_ATE	NO (5-0)	MD (5.0)	MS 9 2	NO (8.9)	HD (S.M)	MD (5.0)	ND (5 O)	ND (5 0)	ND (5.0)	ND (5 0)	MS NA	NS ND (5 0)	NS	NS.	72°	MS (5.0)	NO IS ON	MD (100)	NO (5.0)	A5	1130.73
DAME .		6.0	ND (5.6)		100 (5.0)	ND (8.0)	NO (S.O)	24	21	ND (S.B)	MD (8.0)	ND (5.0)	NO (5 0)	NED (5.0)	ND (5 0)	MA	ND (5.0)	MA	NA .	70-	NO (5.0)	ND (8.0)	MD (100)	ND (5.0)	7	7 1131.58
DM7			HD (66)	MD (da)	ND (88)	210	MD (80)	NO (SO)	776	HD (80)	MD (SQ)	NO (SO)	NO ISO	NO (SO)	ND (50)	MA	(OE) CIM	NA	NA NE	ND (SO)	ND (80)	ND 60	ND (1000)	ND (80)		1131.61
DMB	NS NS		MS	,MS	_/46 _AS	AS .	ME	AS	MS	ME - A	#8	AS	MS	NS	MS	MS	MS MS	MS	MS MS	MS	MS	MS	MS MS	MS	NS	'AS
OM10	MS	· !	MS	MS	MB	Mg	ME	MS	MS	A62	MS	MS	MS	MS	NS	MS	M3	N3	NS	MS	MS	MS	MS	NS	A48	1132.58
DM11	_#		NS (6 6)	MS (S.M)	MD (S.A)	MS (6.49)	ND (5.0)	ND (5.0)	ND (6.8)	MD (6 th)	MD (5 Q)	MS (5.0)	MS (6.0)	MS (5.0)	ND (5 0)	NS	ND (5 Q)	MS	NS	MS (E.O)	MS (5.0)	NS 60	ND (100)	NO (5 O)	. MS	MS 1133.92
DM13		, pag	NO (SE)	HD (90)	ND (ND)	MD (88)	ND (St)	HED (900)		MD (MM)	MD (86)	MD (50)	NO (50)	HD (50)	ND (50)	MA	ND (50)	MA	MA	87"	MD (50)	NED (90)	MD (1990)	IND (SO)	470	
DM14		(80)	ND (90)	HD (50)	ND (\$0)		ND (80)	NO (SO)		MD (50)	MD (80)		ND (50)	ND (50)	ND (50)	NA	MD (50)	NA	NA	80"	ND (50)	ND (80)	MD (1000)	MD (50)	1560	
DM16		(6.0) (5.0)	ND (500)	ND (540)	MD (\$46)		MD (5.0)	2700 MD (5.0)		NO (S.O)	HD (5.0)	NO (500)	MD (500)	ND (900) ND (5.0)	ND (500) ND (5.0)	MA	ND (500)	MA.	NA.	ND (500)	MD (500)	ND (SCO)	ND (10000) ND (100)	ND (500)	80701	•
DM17	ND	(\$ Q)	ND (5.8)	MD (d. da)	NO (5.8)	ND (6.4)	ND (8.0)	NO (5.8)	ND (8.0)	ND (6.0)	NO (S.O)	NO (8.0)	NO (5.0)	MD (6 0)	ND (5 0)	NA	MD (5 0)	NA .	NA	ND (5.0)	ND (5.8)	ND (S.A)	ND (100)	ND (6.0)		1132.77
DM18	***	(5.0) (5.0)	ND (5.0)	ND (5.8)	NO (5.8)	ND 6.8	NO (5.0) NO (5.0)	NO IS SI	HED (SEE)	ND (S.O)	HD (5 th)	NO S.S.	ND (5.0)	HD (6.0)	ND (5.0) ND (6.0)	MA	ND (5.0)	HA.	MA	NO (6.6)	ND (5.0)	ND (5.0)	ND (100)	HD (5.0)	,	1132.85
01420		garage	.AS	MS .		#8	MS	AS	MB	ME	MB .	MS .	MS	MS	WS.	ME	MS (B.L.)	MS	MS	MS	AS	MS (S-14)	ME (10M)	MS (S.G)	NS	1132.99
DMZ1		-	MS	MS	MB	ME	AVE	ACS	A42	ACE	ME	ACE	MS	MS	MS	2M	MS	MS	NS	ACS.	NE	ME	MS	ME	MS	1132.49
DM53	_ AS	4.8	MS	MS AM	MB	NO 6.8	MD (5.8)	MS (S.A)	11	HD (6.0)	ND (5.0)	MD di Gi	ND (5.0)	MD (5.0)	MO (5.0)	MS	ND (S O)	NS	MS	71°	MS MD (5.0)	MS MO (5.0)	ND (100)	MD (5 0s	_IAS	1131.7
De424	MS	1	MS	MS	MS	AZ	MS	MS	M8	ANS	MS	48	MS	MS	WS	NS	MS	NS	MS	MS	MS	AS	MS	NS .	NS	1131.54
D8425	!M\$	<u></u>	.MS	.,MS	MB -	AS	AS	NS	AS	AS	MB	MS	MB	MS	MS	NS	MS	MS	AS	MS	MS	MS	AS	MS	JAS	1130 8
0427	, ⁷⁷³	d.	ND ds ds	NO SA	NO dia	ND 6.M	MD (5.0)	HD (5.0)	ND (5.0)	ND (6 0)	ND (S.O)	ND (5 G)	ND (5.0)	MD (5.0)	NO (5 0)	NA NA	MD (5 G)	NA	MS	ND (6.0)	ND (5.0)	NO 6-R	MD (100)	MD (S O)		1130.9
CMIDS	HE	(8.8)	ND (S.B)	ND (S.Eq.	ND (6.8)	HD (6.8)	ND 6 0	ND (5.0)	160 (6.0)	HC (5 (6)	14D (5.0)	100 (5 th	ND (S 8)	HD (5 0)	HD (\$ 0)	NA .	ND (5.0)	NA .	NA	HD (5.0)	ND (S II)	ND 64	ND (100)	ND (B.B)		1133.54
D429	_) (6 (6) (6 (6)	MD (5.0)	ND (S Q)	MD (5.0)	13 100 d 00	ND (5.0)	(MD (M CH	ND (6 G)	MD IS M	HD (B.S)	MD (5 G)	ND (6.0)	ND (6 G)	MD (5 B)	MA	ND (5 0)	MA.	MA.	ND (6.0)	ND (5.0)	ND 64	MD (100) MD (100)	MD (5 0) MD (6 0)	411	1132.28
01431) (6.64) (6.64	HD (5 0)	MD (6.0)	HD (5 G)	NO (A.M)	IND (5 th	MD (6 0)	ND # SI	ND (8.0)	ND (5 O)	ND (5 0)	ND (5.0)	ND (5 G)	MD (5 G)	MA.	MD (5.0)	MA	NA.	173° MD (5 0)	ND (5.0)	NO (5.0)	MD (100)	MD (6.0)		1129 52
GGP1		(100)	HD (108)	ND (100)	ND (100)	730	ND (100)	ND (188)	1	MD (100)	ND (188)	HD (HOS)	ND (109)	MO (100)	MD (100)	M	MD (100)	MA	MA	ND (190)	NO (100)	NO (100)	MD (2000)	ND (100)	6230	1131.08
GOP2	~	D (100)	ND (108)	120	ID NO (198)	+	ND (100)	150		100 NO (100)	MD (100)	130	ND (108)	ND (100)	ND (100)	MA	MD (100)	MA	NA.	MD (100)	ND (100)	ND (166)	ND (2000) ND (2000)	NO (100) NO (100)	6290	po
GTI			ME		ME AND I	MS	WE	MS	MS	MB	MS	WS	AS	WS.	AS .	MS	MS	NS	AS -	ALS.	MS	NO (100)	MS	MS (TOUR	WS 9780	1131.18
G13	- 44		MS	ME	MS	ME	MS	MS	AIS	MS	MS	A48	MS	M2	Ars	MS	MS	WS	ME	AS	MS	MS	MS	NS	NS	1131.88
GT3	M		MS	MB	MS	:MS	MS	14/3	14/3	ļ~ 0	 	129	18/3	18/3	142)#E	[#S	MS	JACS .	MS	IM\$	INS	NE	MS	NS	NS

Table 2-10
Summary of Chemical and Water Level Data
1991 Donley Remedial Investigation

						,	····					 		,		· · · · · · · · · · · · · · · · · · ·			,						
					_	1	1			l z	1.			ĺ	Ł		1								
	1 *	i k	I _ !		Ĩ	١.	1 3	1	ا ا	-	1 1	1 .	l E	l g	ĺ	(E	g	g	1	e e	}	l .	1 5	١.	1 1
West 10	l å	1 1	₽	á	B	2	<u> </u>	1		. 🛊	}	1 1	1	, š	1	3	5	2	2	1	}	1 1	Į	₩	1 4
	j	1 1	5	Ξ-		2	= =			- -	1		i	Ė	Į į	[l i	Ė	į	8	1] 🛂	1	3	<u>E</u>
	-	1			-2] 3	3	1	1 "		ż	*	-	j -	3	_	#	l	1	ì -	L 3
	L		<u> </u>	L	Ļ	<u> </u>	.	<u> </u>				 		L	l	L				L		L		<u> </u>	
374			WS	MS	AS	MS	MS	WS	MS	MS	MS	NS		NS.	NS -	MS		1			MS	NS	MS	NS	1131.1
	MS	MS	_MS	NS	MS	MS.	MS MS	MS	MS	MS	MS	NS 2M	NS _	NS NS	MS	1	MS	MS		NS	MS	MS	MS	MS	1131 0
	ND 6.0		NO 46 A	MS ND (8.0)	MO G G	ND (5.0)	ND (5 (s)	MD (5.5)	NO (S.Os	ND (5.0)	MD (5.0)	NO (S.Os	ND (5.0)	NO (5.0)	MA	NS ND (5.0)	MS	MS.		MS (5 0)	NS (5 0)	ND (100)	ND (5.0)	NS .	1130.2
	. Add (E.M)		MS.	MS	W2 12.22	AS	MS	MS	N3	MS.	AS .	MS	AS	MS	ALS.	MS (SU)	AS	NS.	4	AS (SU)	MS (S U)	MS (100)	MD (0.U)	tue	0 1131 1
MOA	AS	NS	M\$	NS	ME	AS	NS	MS	NS.	MS	AS	NS	NS	MS	MS	NS	MS.	NS	•	MS	NS.	AS.	AS	MS.	1130.8
ws .	HD (5 Q)	HID (6.0)	HD (6.0)	NO (6.0)	ND (5 Q)	MD (5 0)	MD (8 0)	NO (8 0)	NO (5 0)	ND (5 0)	ND (5 D)	ND (5 0)	ND (5 0)	ND (5 0)	MA	NO (5 0)	NA TO	M	ND (5 O)	ND (6 0)	NO (5 0)	NO (100)	ND (5 0)	1	0 1131 6
- 100	NO (5 0)	HD (6.0)	MD (5 9)	NO (5.8)	ND (8.0)	ND (5.0)	ND (5.0)	ND (6.0)	ND (5.0)	HD (\$ 0)	ND (5 D)	NO (5 0)	ND (5 0)	NO (5 0)	NA	NO (5 0)	NA .	NA .	ND (5.0)	ND (5.0)	MD (5 G)	ND (100)	ND (5 0)	1	0 1131.6
_	MD (6.0)	MD (6 d)	WO'G OI	MD (5 d)	ND (8 4)	MD (S.B)	ND (5.0)	NO (8.4)	ND (8.0)	NO (8.0)	MD (5 O)	NO (5.0)	ND (5 0)	NO (5 0)	NA .	NO (5 G)	MA	MA		NO (5 0)	ND (\$0)	NO (100)	ND (5.0)	1	0 1131.6
	ND (80)	HD (80)	1100	MD (36)	NO (NO)	NO MO	170	110	ND (\$0)	ND (50)	NO (50)	ND (50)	ND (50)	ND (50)	INA Inna	ND (50)		INA .		NO (50)	ND (50)	NO (1000)	ND (50)	, 13	1130.6
MW3	.MS			.63 .68	. ***	-MS	INS	MS	MS	MS	MS	MS	MS	WS	W2	NS	MS MS	NS	NS ZN	NS	NS	MS	NS	WS	1130.6 NS
	12 · · ·	-, MS	MS	NS	MS	AS.	MS	AS	AS	MS	MS	NS	MS -	NS.	MS	NS	NS			MS .	WS.	MS	MS	.WS	1131
WW.	ND (5.0)	ND (5 0)	ND (5 Q)	NO (5.0)	ND (S.B)	HD (6.8)	ND (5.0)	MD (8.0)	ND (5.0)	NO (5.0)	NO (6.0)	ND (5 0)	NO (5.0)	NO (5 0)	NA	NO (5.0)	MA	NA .	1	ND (5 0)	NO (5 0)	ND (100)	NO (5.0)	1	0 1130.3
MW7A	MS	ME	WS	MS	MS	MS	MS	MS	MS	M5	NS	NS	MS	MS	MS	MS	NS	NS	MS	NS	NS	MS	NS .	NS	1131 6
. TW	MS	MB	MS _	MS	ME	MS	MS	MS	MS	MS	MS	MS	MS	NS	NS	NS	NS	MB		NS	MS	M5	NS	MS	1130
	,45	AS		MS	MS	AS	MS	MS	MS	AS	MS	MS	WS	NS	NS	MS	MS	MS		MS	NS	MS	MS	NS	1130.0
	ND (25) ND (250)	ND (25)	MD (250)	ND (25)	ND (250)	ND (25) ND (250)	ND (26)	2000	ND (250)	ND (25) ND (250)	ND (26) ND (290)	NO (25) ND (250)	NO (25) NO (250)	ND (25) ND (250)	MA	ND (25) ND (250)	MA	MA		ND (25)	ND (25)	ND (500)	ND (25)		57 1131 1
	AS	MS ZM	MS	ACI	MS	MS	MS	AS	AS	MS	MS (234)	MS Z	NS	(NS	MS	NS (JSU)	AS	MS.	WS	ND (250)	MO (250)	ND (5000)	ND (250)	25	1131 1 1130 5
MATOA	ND (25)	ND (25)	ND (25)	ND (25)	ND (26)	NO (26)	ND (25)	230	MD (25)	ND (26)	ND (25)	NO (25)	ND (25)	NO (25)	NA -	ND (25)	NA .	MA .	177	ND (28)	NO (25)	ND (900)	ND (25)	MS	30 1131.0
WY118	MS	AS	MS	MS	MS	MS	MS	NS	MS	MS	MS	MS	MS	NS	MS	NS	NS	NS		MS	NS	MS	MS	NS .	NS
MAN IA	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS	MS	MS	NS	NS	NS	NS	NS	NS
P1	_MS	X		M8	NE	ME.	M8	MS	MS	MS	MS	MS	NS	MS	MS	NS	NS	MS	MS	NS	MS	NS	MS	MS	1130.7
"	.M8			MS MS	MS	- AS	MS	MS	MS	MS	MS	MS	NS .	MS	NS	MS	MS	MS		AS	MS	W2	MS	MS	1130
·	- MS			MS	act	MS	MS	MS	MS	MS	MS	NS NS	MS	NS	NS	MS	MS	MS		NS	MS	MS MS	N3	'MS	1131.0
~			AS	ANS	AS .	ASS	ME -	ACE	AS	MS	ME	MS	MS -	NS	MS	NS.	MS	AS.	#3		AS	NS NS	NS NS	NS	1131.5 1131.3
NEM1	ND (10)	MD (10)	11	,	01	HD (10)	43	200	ND (16)	ND (10)	MD (10)	ND (10)	ND (10)	ND (10)	NA .	ND (10)	NA .	NA	ND (10)	ND (10)	ND (10)	ND (200)	ND (10)	, ⁷⁷ - 4	43. 1132.5
N1	NO (25)	ND (25)	ND (25)	ND (26)		NO (26)	ND (25)		MO (28)	ND (25)	ND (25)	ND (25)	ND (25)	NO (25)	NA .	ND (25)	NA .	NA		NO (25)	ND (25)	ND (500)	ND (25)		40 1132.3
<u> </u>	HD (S. O)	MD (6.0)	MD (6.0)	MD (5.0)	9.1	HD (6.0)	ND (6.0)		ND (5 0)	ND (5 0)	ND (5.0)	ND (5 0)	ND (5 0)	ND (5.0)	MA	NO (5 0)	NA	NA.		ND (5 0)	NO () O)	MD (100)	ND (5 0)	79	
M3	MD (S O)	NO (5.0)	NO (5.0)	HD (5.4)	MOGO	ND (S.M)	ND (5.0)	ND (5.0)	NO (5.0)	NO (5.0)	NO (5.0)	ND (5 0)	ND (5 0)	MD (5 0)	NA	ND (5 0)	MA	M		NO (5.0)	NO 6.01	NO (100)	ND (5 0)	<u>.</u>	0 1131.3
	NO (5.6)	MD (SE)	in ba	MD 4600	10 (D.M)	HD (50)	NO de		MD (56)	ND (80)	ND (50)	ND (50)	ND (5 0) NO (80)	ND (50)	NA	ND (50)	NA	MA		MD (8.0)	NO 6.0	NO (100)	NO (5 O)	- 7	1132.0
Res	ND (S. O)	NO di da	NO 65 A	ND d.M	ND 6 8	ND die	ND (S. S)	10 69	ND (6 C)	ND (5.0)	NED (5.0)	NO (5 0)	ND (5.0)	ND (5 0)	NA	ND (5 0)		MA	ND (50)	HD (80)	ND phos	ND (1000) ND (100)	NID (50)	146	
R17	ND (S.O)	NO (5 6)	ND (5.0)	HD (6 0)	HD (6 0)	NO (6.0)	ND (6.0)		ND (6.0)	MD (5.0)	ND (5 0)	ND (5 0)	ND (5 0)	NO (5 0)	NA	ND (5.0)	NA	NA .		MD (S.O)	ND #.0)	ND (100)	ND (5 0)	i •	14 1130.3
	ND (5.8)	ND (8.8)	MD (5.8)	HD (5.8)	ND (S.B)	NO (6.0)	HD (6.0)	ND (6.0)	ND (5 B)	NO (S O)	ND (5.0)	ND (5.0)	ND (5 B)	ND (5.0)	MA	MD (5 0)	MA	NA	ND (6.0)	ND (6.0)	ND & A)	ND (100)	NO (6.0)		o NS
PMD1	.MS	^{M\$}		,MS		MS	W5	MS	AS	MS	MS	MS	MS	MS	MS	NS	MS	MS	WS	MS	MS	MS	NS	WS	NS
AW03		MS	MS	.MS	MS	AS	MS	MS MS	MS	MS	MS	MS	NS	MS MS	WS	MS	MS	MB	MS	AI\$	MS	NS	NS	NS	NS
RFWI	.45	MS	A/S	.43 	- 1 MB	· MS	M2	A48	MB	A12	MS	MS	NS NS	MS	MS	NS _	MS	MS	MS	MS	MS	MS	MS	MS	NS.
SFWQ	NO 45 On			100 65 65	MD 65 Ph		3 x	120	100 d.m	NO (S.SS	ND (5.0s	ND (S O)	ND (5.0)	ND (5 th		ND (5.0)	MS _	MS	ND (5 0)	NS	MS (6.0)	NS ND (100)	ND (6 0)	iws I si	1129 1 87 1126 0
SFW3	MS	MS	MS	AS	MS	MS	MS	MS	MS	AIS	MS	MS	MS	MS	MS	MS	MS.	AS	MS.	ALS.	MS	MS (100)	MS (FO)		1128,9
SFWI	46	MS	MS	ME	MS	MS .	MS	ME	A48	ACS	NS	NS	MS	MS	MS	NS	NS	MS	MS	NS	MS		MS	NS	NS
SFW6	MS	MS	MS	MS	MS	MS	MB	MS	MB	MS	MS	MS	MS	MS	MS	NS	NS	MS	MS	MS	MS	MS	MS	NS	NS
\$FW8		MS	MS	ME	MS	MS	MS	MS	NS	M3	MS	AS	MS	NS	MS	MS	MS	MS	MS	MS	MS	NS	NS	MS	NS
8FW7	. A48			MS	ME	MB	MS	M8	MS	MS	MS	MS	NS .	MS	MS	NS	NS	MS	MS	MS	MS	W2	AS	NS.	1130.2
- 140 - 140	ND (25)	MD (25)		.MD (25)		0 NO (28)	اف ا افتا	78	ME (SM	M44 (529)	· · •	ND (25) NS	ND (25) NS	ND (25)	NA.	ND (25)	MA	NA	ND (26)	ND (25)	ND (25)	ND (800)	NO (25)	120	1127.2
55/W10		_ , <u>~</u> ,	ME	MS	, m8	ME	MS	MS	MS	ACS	MS	MS .	NS NS	NS	#S	NS .	WS	MS	MS MS	W2	MS	NS	A/S	MS	NS
SFW11	45		MS	,	MS		- MS	W8	MS -	MS	MS	NS.	MS	MS	NS	NS	MS	NS NS	MS	#5 ·- ·	AS	M2	AS AS	MS	1132 40
SFW12	MS	MS	MS	MS	MS	ME	MS	MS	MS	MS	NS	MS	MS	MS -	MS	NS .	MS	AS	MS	MS	ACS	MS	MS	MS MS	1128.8
9FW13	MS	WS	MS	MS	MS	ACS	ME	ME	MS	MS	MS	MS	MS	MS	MS	NS	NS	MS	MS	ME	MS	AIS	MS	NS	1128 6
				· -			I	I		lase -	MS	NS	MS	NS	NS	1	1		1 1			1	1		
8FW14	**	M8	WE	AS _	WS	MB	MS	AS	·	~	luen.	73	MS	445	M-3	MS	MS	A/S	MS	MS	MS	MS	NS	NS.	NS

Table 2-10
Summary of Chemical and Water Level Data
1991 Donley Remedial Investigation

	1	0	13.10	70-01	1.2 BCI (miss)	13-60	(3) - (5)	l commen	1	1,1.2 hirthretter	leves him orthern	rada!	Othersterver) and - Sancere	12-Dehiu derven	Libers (told)	as-1,2 0G	12 DG	Garen Deskat	Okerolem	Lietum letrachbrok	2 - Palanere	Machigan (Manak	lided MTC.	Bute leve levator
402	<u></u>	Act	MS.	NS I	vd .	MS	NS	MS	AIS	MS	MS	NS	NS.	NS	AS	NS	MS	MS	MS	MS	MŠ	NS.	NS	M5	NS
403			ME	ALS .	wit	MS	MS	ALS:	Act.		MS	MS	MS			•	MS	MS	+ • •	AS	WS	M4	MS		NS
	·· <u>·</u> —		100	***		MB	MS		M9	MS.	224	MS	NS	MS	NS	MS	MS	NS.	M3		MG		.NS		NS
406		MS	45	ME		MS	MS	AUS	A42	ME	MS	MS		MS		MS	MS	NS.	MS	MS	ME	MS.	MS	NS	NS
404	-	- MIT	MS	MS .	···	ME	ACR	AUS	ACE	MS	MS	MS	NS	MS	MS -	MS	AS -	MS	MS	MC	MS	art .	MS	NS	NS
AG2	Media		MS	aut .		ME	act	ACE	418	MS	ACS	NS	NS	MS.	AS.	MS	24	214	MS	MS	MS	MS	NS		NS .
AGA -			MS	MS .	wd	MS	AS	MS EN	AS	MS	MS	NS	NS	NS		NS	MS	NS	NS -	MS	MS	MS			NS -
AGE	ME	MS	MS	ME		MB	MS	AG	ME	ACS	MS	NS -	NS	NS	MS	NS	MS	MS	AS -	MS	MS	MS	NS -		NS
AG10	MS	MS	MS.	MS I	wd	MS	AS	A/S	ALI	MS	MS	NS	-	MS		NS	AS	MS	MS	AS ZA	MS	MS	NS		NS
AG11	MS	MS	MS	ME .		MS	MS	MS	ME -	MS	MS	MS	NS	WS	AIS	MS	MS	MS ZM	MS	MS	MS	MS	AS		NS
A012	MS	NS.	M2	MG		MS	MS	MB	MS	MS	MS	NS		MS.	MS	MS	NS -	MS.	MS	M2	MS	MS	NS -		NS
AG13	NS	AS	MS	AS I	**************************************	ME	NS	AUS -	48	AS	MS	NS	NS	NS	MS	AS -	NS	MS	NS .	MS	MS	MS	AS	MS	NS
871	MS	AIS	MS	ME .	w#	MS	MS	MS	MS	MS	MS	WS	NS	NS	NS	MS	MS	MS	NS .	MS	AS	AS	MS		NS
STZ	MS	WS.	#8	ME I		ME	ME	AUS	ME	MS	MS	MS	ACE	MS	MS	AIS	NS	MS	NS	NS	MS	NS	NS.		NS
873	MS	MS	MS	AS -	WE	MS	MS	ACS	MS	MS	MS	MS	MS	NS	MS	MS	MS	MS	MS .	NS	MS	NS	NS.	NS	NS
PZI	MB	AIS .	MS	MS /	VS	MS	MB	MS	ME	MS	MS	NS	MS	MS	NS	NS	MS	MS	NS	WS	NS	NS	NS		NS
P22	MS	AS	MS	MS -	WS	MS	ME	MS	MS -	A/S	MS	MS	MS	MS	NS	MS	MS	NS	NS	NS	NS	NS	NS		NS
PZS	NS .	MS	MS	NS I	MS .	ME	MS	MS	MS	MS	A/S	NS	NS	NS	MS	NS	MS	NS.	NS	NS .	MS	MS	MS		NS
PZ4	MS	NE	NS	ME I	NS.	NS	ME	ACE	ME	ME	MS	NS	MS	NS	MS.	NS	MS	NS	MS	MS	NS	NS	MS	NS	'NS
PZS	MS	MS	N\$	ME I	WE	ME	MS	AS	ME	MS	NS .	M2	NS.	MS	NS	MS	MS	MS	MS	NS	MS	NS.	NS	MS	NS
PZB	MB	MS	NS	WE	ME	ME	MS	MS	MS	ACE	MS	MS	MS	NS	MS	NS	MS	MS	MS	MS	MS	MS	NS	AS	NS
P27	MS	MS.	MS	MB I	MB	MS	AS	MB	MS	NS	MS	MS	MS	MS .	NS	MS	MS	AS	MS	MS	AS	A/S	NS	MS	'NS
P20	#8	AS	MS	MS	NE	MS	MS	MS	MS	MS .	MS	MS	MS	MS	A/S	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS
P210	162	MS	NS	MS	NS	M8	MS	MS	MB	MS	MS	MS	MS	NS	MS	NS	MS	MS	MS	MS	NS	NS	NS	NS	NS
PZII	MS	ME	NS	MS	49	MS	MS	MS			MS	MS	NS	MS	MS	WS	MS	MS	NS	MS	MS	MS	MS	MS	NS
PZ12	ME	M	AS	MS	ME	MB	AS	MR	MS.	M\$	AS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	NS	MS	MS	NS
HEART	ME	ME	MS	ME	**	ME		ME	MB	A48	MS	MS	ME	NS.	ME	MS	MS	M8		WZ	ME	MS	MS	MS	NS
HEMI	NS	48	MS	MS	MS	NS	NS .	MS	MS		MS	NS	MS	MS	MS	MS	MS	ACS	+	MB	MS	MB	MS	NS	NS
HAMO	_45	_MS	,AR	MR		M	MB	MS	MS		MS	MS	MS	MS	MS .	NS	MS	MS		MS	N8	MS	N2	MS	NS
HW8996	***		,NS	MS	MB	MS	A4S	MB	#8		MS	MS	MS	MS	MS	NS	N3	MS		W5	NS	NS	MS		NS
HEAMS	, **			AS	M	MB		MS	#B		AS	ME	MS	MS	MS	WS	WS	WS	+	MS	MS	NS	MS		NS
-	AS	166		#S	MS	MS	M8	MS	ME		MS	MS	MS.	MS	NS	NS	MS	MS	1	MS	MS	MS	MS		NS
H4447				MG	MS	#	MS	ME	##	4	MS	M\$	MS	MS	NS	MS	MS	MS		MS	AS.	AS .	MS		NS
	45		.45	#\$	MS	ASS	MS	MS		ME	A/S	M8	MS	N\$:	NS	WZ			MS	MS	MS	MS		NS
-						MS	A/S	AS	##3	MS	AS	MS	MS	AS	W2	MS	NS	MS			ME	AS	MS		NS
1000/10	43		-MS			NS	AIS	MB	MS		A/S	NS .	MS	NS	MS	WS	NS .	MS			NS .	MS	MS		NS
JOH HSE	MS	- !!!		NS .	NS	MS	MS MS	MS	M2	MS AUS	AKS	N3	MS MS	MS	W2	M3	NS	MS		M3	MB	MS	MS		NS
COMMO	- MS		,55	<u>~</u> ₩	<u>~</u>	MS	1-	MB	=	703 	A/3	MS	MS	MS	MS	MS.	MS	MS	ME	NS	W2	AF	MS		NS
200	.44	, T-25	775 246	770 140	-	77.5 14.5	A48	MS ZN				MS		775	M3	WS	MS	ME	MS	MS	M\$	#35 	PFS		NS
Cer	.es	-75	.745	AUR	<u></u>	AVS	MS	MS		AS		MS	MS.	MS		785 	NS	AS	MS	MS		PFS	75		NS
-	MB	165	MS	77	~*	(Ma)	1776	lines.	lucia		: PROS	1775	ima .	NS	FF	MS	145	JAME .	ME	APE .	AS	(AS	1775	75	M3

Table 2-11
Summary Of
Groundwater Analytical Results for Wells in the Greif / Gordon-Platt Area

lade Samphed	(1 14)	Way Chant	Olexaction	,00 1 (1)	59 -17	1,7-1001 (10404)	12-804	1,1,1-104	lirchior aethenc	денуемс	1,1,2 - Inchlorethane	let ochoocthene	latence	Otlor obenzene	[ling - familene	1,2 - Demonsterre	Epicore (total)	cs-1,7 DCl	1.2 DCE	Carbon Desulide	Chlorotorm	Corbon Tehachionde) interest	Mellopene l'okande	loin WXs
Apr-85	CCP1	NS	NS	NS	NS .	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS.	NS.	NS	NS
Oct 85		NS		NS	NS	NS	NS	NS		NS		NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS		NS -
	GGP1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Jul-88	GGP-1					NO (200)		NO (200)						ND (200)				NA		NA .	NO (200)		NA	ND (200)	12000
Jul-88		ND (50)		NO (50)	ND (50)	NA .		NO (50)		ND (50)		ND (50)					NA	*	210			NO (50)	NA.	ND (50)	28210
Jul 88(spi)		NO (0.8)			ND (0.5)			ND (0.7)		ND (0.5)	4.5		ND (0.5)		ND (0 7)		NO (0 6)	2	30 3	NA	NA	*	NA	NA .	13038 4
May-91	GGP-1	NA NA	NA NA	ND (10) 8300	NA NA	440	NA.	NO (10)	3100 7600		NA NA	NO (10) NO (20)	NA .	NA .	NA .	NA NA	NA NA	NA NA	NA NA	**	NA NA	NA NA	NA NA	NA NA	3153 16440
Sep-91		NA -	NA NA	ND (5)		NA T	NA NA	44	4820		NA NA	120/4	NA .	NA NA	NA .	NA .	NA .		ND (2)	× ×	NA.	24	NA NA	NA .	5494
Sep-91			ND (100)				ND (100)					ND (100)	ND (100)	ND (100)	ND (100)	NA.	ND (100)		NA	ND (100)			ND (2000)		5230
Feb-94		ND (100)	ND (100)	NO (100)	NO (100)		NO (100)							ND (100)			ND (100)		NA.				ND (100)		1110
Apr-94		ND (1000)	ND (1000)	NO (1000)	ND (1000)	ND (1000)								NO (1000)			NO (1000)		NA	ND (1000)	ND (1000)	ND (1000	ND (1000)		10000
	GGP1	NO (50)			NO (50)			NO (50)		NO (50)			NO (50)			NA	ND (50)		NA	NO (50)			NO (50)		12046
	GGP1	NS		NS	NS	NS	NS_	NS NO	NS.	NS	NS NE	NS Ne	NS	NS.	NS.	NS.	NS.	NS_		NS	NS .	NS	NS	NS	NS
1997	GGP1	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Apr-85	GGP2	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS -	NS	NS	NS	NS	NS	NS	NS -	NS	NS -
Oct-85		NS	NS	NS	NS	NS	NS	NS			NS	NS	NS			NS -	NS		NS	NS	NS -	NS	NS	NS -	NS
	GGP2	NS	NS	NS.	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS
	GGP-2	ND (100)	ND (100)		NO (100)	1500	NO (100)	5000		ND (100)				NO (100)			NA	NA_	NA .	NA	ND (100)	NO (100)	NA	ND (100)	20800
	GGP-2	NO (50)		4000		NA	62			ND (50)			NO (50)			ND (50)	NA .	NA.	9700			NO (50)	NA	NO (50)	40892
Ad-88(spi)			ND (3.7)	3710		NA 2300	36.7	1600	5200 6500		ND (0.6)	4000	1.3	ND (0.5)	ND (0.7)	ND (1)		NA	1410		NA	NA	NA .	NA	18542.2
	GGP-2	MA	NA NA	1600 ND (20)		1100		300	2900		NA .	2300		NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA .	× ×	25	NA NA	NA NA	12150 6680
		NA .	NA NA		ND (20)		NA.	180			NA .	1140		NA	NA.	NA NA	NA .		ND (20)	NA.	NA -	NA.	INA	NA.	6240
Sep-91		ND (100)			ND (100)		NO (100)	150			ND (100)			NO (100)	ND (100)		ND (100)		NA	ND (100)		ND (100)	NO (2000)	ND (190)	6290
Feb-94		ND (500)			ND (500)	2900	NO (500)			ND (500)	ND (500)			ND (500)			ND (500)		NA				NO (500)		10940
Apr-94		NO (200)			NO (200)		NO (200)		3100	ND (200)	ND (200)			ND (200)			ND (200)		NA .	ND (200)	ND (200)	ND (200)	ND (200)	ND (200)	9040
	GGP2		ND (500)		ND (500)		NO (500)			ND (500)				ND (500)			ND (500)		NA .	ND (500)	NO (500)		NO (500)		5790
	GGP2	NO (50)			ND (25)		ND (50) ND (25)	ND (90)	1300	ND (56) ND (25)	INA .		ND (50) ND (25)			NA NA	NA NA			NA .	MA .	NA NA	ND (2500)		2810 1242
1997	GGP2	ND (25)	<u> </u>	410	MD (12)	<u> </u>	ML (49)	- "	200	Len (Sa)	<u> </u>		(25)	<u> </u>	NO (25)	<u> </u>	NA .	ND (25)	ND (26)	NA	MA	PAA	ND (1200)	<u> </u>	1242
1986	GGP3	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS -	NS	NS	NS	NS	NS.	NS	NS	NS	NS
	GGP-3	NO (100)	NO (100)	ND (100)	ND (100)	ND (100)	NO (100)	ND (100)	3700	ND (100)	ND (100)	250	NO (100)	ND (100)	ND (100)	ND (100)	M	NA		NA.	ND (100)	ND (100)		ND (100)	3950
	GGP-3	NO (50)		110	ND (50)		ND (50)			NO (50)	ND (50)	220	ND (50)	ND (50)	NO (50)	ND (50)	NA	NA	530		ND (50)	NO (50)	NA	NO (50)	5760
Jul 88(spl)			ND (3.7)	200		NA .	2.5	136		ND (0.5)	<u> </u>			NO (0.5)			ND (0.6)		121		NA .	NA.	NA	2	3052.0
	GGP-3	NA .	NA .		NA CONT		NA .	180		NA .	NA NA		NA.	NA.	NA .	NA	NA .	NA		NA	NA .	NA.	NA	NA	951
	GGP-3	NA NO (100)	NA NO (100)		ND (20)		NA ND (100)	300 220	5220	ND (100)	NA MD (100)		NA NO (100)	NA ND (100)	NA NO (100)	NA	NA ND (100)		NO (20)	NA NO (100)	NA	NA NO (100)	NA ND (2000)	NA NO (100)	7980 6750
Feb-94			ND (500)		NO (500)		NO (500)			ND (500)		1 2	NO (500)	ND (500)	NO (500)	NA	NO (600)		NA NA				ND (500)		5730
	GGP3		NO (100)		NO (100)		ND (100)			ND (100)				NO (100)			ND (100)		M				ND (100)		4410
	GGP3	ND (50)	ND (50)		ND (50)		NO (80)	97	810	NO (50)	NO (50)	370	NO (50)	NO (50)	ND (50)	NA .	ND (50)	NA.	NA	NO (80)			MD (50)		1937
	GGP3	NO (1.0)		22		NA .	ND (1.0)	5.9		ND (1.0)		7	ND (1 0)	NA	NO (1.0)		NA		NO (1.0)		MA	NA	ND (50)		124 6
1997	GGP3	ND (5.0)	NA	54	ND (2.5)	NA .	ND (5.0)	15		ND (5.0)	INA		ND (5.0)	NA	ND (5.0)	NA	NA	40	NO (5.0)	NA .	NA .	NA	NO (250)	NA	253
I	1000000	 	 	L	-	1000	L.	l	-	100	NS	NE -	NS	L		L.	-	<u></u>	ļ. <u></u>		ļ. <u></u>		L	495	<u> </u>
	MW10A MW10A	NS (A)	NS (3.7)	164	NS 2	NS 43500	ND (0.6)	NS 19.7	61900	NS	MS 6.0	2000		NS (0.4)	NS 13	NO (1.0)	NS .	NS	NS NA	NS NA	NS	NS	NA NA	NS NA	NS 107695 3
	MW-10A	ND (0 8)	ND (10)	154 510		ND (5)	NO (5)	NO (5)		ND (5)	ND (5)		ND (5)		NO (5)	NA (1.0)	ND (5)	NA	NA NA	NA NA	NO (5)	NO (5)	NA .	ND (5)	1690
	MW-10A	NO (20)	NO (20)	NO (20)		ND (20)	MD (50)	ND (20)		NO (20)	NO (20)	94		ND (20)		ND (20)	NA	NA .	NA	NA NA		NO (20)		NO (20)	1320
	MW-10A	NA .	NA		NA.		NA_	ND (1)	580	NA	NA		NA	NA .	NA	NA	NA	NA	NA	NA	NA .	NA_	NA	NA .	871.6
	MW-10A	NA	NA .	NO (20)			NA .	ND (20)	1400		NA.		NA .	NA	NA	NA .	NA .	NA .	NA.	NA	NA .	NA .	NA	NA.	1912
	MW-10A	NA .	NA	30.4		3 NA	NA .	1.1		NA .	NA		NA	NA	NA .	NA	NA .	240		N	NA	NA	NA	NA .	495 2
	MW10A					ND (25)		NO (25)			ND (25)	ND (25)	ND (25)	ND (25)		NA .	ND (25)	INA	NA .	48.	NO (25)		ND (500)		230
	MW10A		NO (100)			950	ND (100)				ND (100)			ND (100)			ND (100)		NA NA				ND (100)		2312
	MW10A MW10A		NO (100)				ND (100) NO (50)			NO (50)		140 (100)	NO (50)	ND (100)		NA NA	NO (100) NO (50)	NA .	NA NA			ND (100) ND (50)	NO (100) NO (50)	ND (100) ND (50)	1140
	MWIDA	NS (SU)	ND (50)	NS	ND (50)	NS 21	NS	NS	NS	NS	NS	NS.	NS .	NS	NS	NS	NS	NS	NS	NS	NS S	NS	NS		NS NS
	MWIOA	NS	NS	NS	NS.	NS	NS	NS	NS .	NS NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	MS	NS .	NS		NS
	† <u> </u>	† 	 	1	1	 	1	1	<u> </u>	1	T _	L				L^-	L				<u> </u>				

Table 4-...
Summary Of
Groundweter Analytical Results for Wells in the Greif / Gordon-Platt Area

		Υ					1	7	,										. —						,
2						(pg (g)		2	l _k		Ĭ	l t		ی	ڀ	Ę			ğ	*		ğ		1	1 1
	2	į	I₹	훃	S		200		l ∰	Įį	l š	Ť	ΙĔ	Ê	Henzene	§)6 15 15	ğ	2]	1 5	[[3	8
3	Į	1 %	l i	= 1	=	2.00	🔅		l į	Hervar	_ ₹	, g	_ ₫	1 5	 	-Create	Ě	2			å	Ī	Ž	1 5	1
2		, ,	°			2		3 ,	<u> </u>		3	Ē		8	Ē	12-0) }	8	<u></u>	3	*	3	`	1	-
	10		NS		NŠ	N\$	NS			NS	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS		NS
			NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS .		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS		NS
	WW.			NS	NS	NS		NS	NS	NS	NS		NS NS		NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	IKS INS	NS NS	NS NS		NS NS
	MANAGE.		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	ILS	NS	NS		NS NS
			ND (3.7)					ND (0.7)						ND (0.4)		ND (1.0)	NA	NA _	NA	NA .	NA	NA .	M	NA .	12 2
			ND (5.0)			ND (5.0)			NO (5.0)					ND (5.0)		NA	ND (5.0)		NA	NO (5.0)	ND (5.0)	NO (5.0)	ND (100)	ND (5.0)	0
		NO (10)	ND (10)		ND (10) ND (10)	NO (10)	NO (10)			NO (10) NO (10)	NO (10)		ND (10)	ND (10)		NA.		NA	NA		HO (10)		NO (10)		0
		ND (10)	ND (10)		NO (10)	ND (10)				ND (10)	ND (10) ND (10)				ND (10) ND (10)	NA	ND (10)		NA	ND (10)	ND (10)			ND (10)	
	THE PARTY		NS	NS	NS	NS	NS NS	NS	NS	NS	NS	NS	NS	NS III	NS	NA	ND (10)	NA NS	NA NS	NO (10)	ND (10)	ND (10)	NO (10)	NO (10) NS	NS O
	4		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS NS	NS	NS		NS I
			I																						
5/18/83 5/31/83		NS NS		NS	NS_	NS	NS .	NS_	NS	NS	NS_	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS .	NS	NS	NS
Mar-84		NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS		NS NS	NS NS	NS NS	NS NS	NS .	NS .	NS	NS	NS	NS	NS		NS
Apr-85		NS			NS	NS -		NS	NS	NS	NS .		NS		NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS
Oct-85		NS	NS	HS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS NS
	MMB		ND (3.7)		NO (0.5)	-	ND (0.6)	,200		NO (0.4)	NO (0.6)				ND (0.7)	ND (1.0)	NA .	NA .	NA	NA	NA	NA .	NA.	NA	170.9
Sep-91			NO (5.0)											ND (5.0)		NA	NO (5.0)		NA .		ND (5.0)	ND (5.0)	NO (100)	NO (5.0)	0
Feb-94		ND (10)	ND (10)			ND (10)	HD (10)	ND (10)			ND (10)				ND (10)	NA.		NA .	NA.		NO (10)	ND (10)		ND (10)	8
Apr-94		NO (10)			ND (10)	ND (10)	ND (10)	NO (10)		ND (10)	ND (10)				NO (10)	NA.		NA	NA	ND (10)	HD (10)			ND (10)	9
	MANAB	NS INS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS (10)	NS (10)	ND (10) NS	NA	ND (10)	NA NS	NA NS	ND (10)	ND (10)	NO (10)	ND (10)	NO (10)	NS D
	MINE	NS.	NS.	NS	NS	NS	NS	NS	NS	NS	NS		NS		NS	NS	NS.	NS	NS	NS	NS -	NS	NS		NS NS
																	<u> </u>					f		····	
5/18/83		MS	NS	NS	NS	NS	NS	NS	NS	15	HS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
5/31/63 Mar-84		NS NS	NS NS		NS .	NS	NS	NS	NS	NS	NS		NS		NS	NS	NS	NS	NS	NS	NS	NS	NS		NS
Apr-85		NS NS		NS NS	NS NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS		NS NS	NS NS	NS	NS	NS	NS	NS	NS	NS		NS
Oct-85		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS .		NS		NS	NS	NS	NS NS	NS.	NS NS	NS NS	NS NS	NS NS		NS NS
1986		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS NS	NS	NS		NS NS
Sep-91		NS	NS	NS	NS_	NS	NS	NS	NS	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Feb-94		NO (10)			NO (10)	NO (10)	NO (10)			NO (10)	ND (10)	ND (10)				NA	NO (10)		NA .	ND (10)	ND (10)			ND (10)	0
Apr-94		ND (10)	ND (10)		ND (10)	ND (10) ND (10)	ND (10)			ND (10)	ND (10)		ND (10)			NA .		NA	NA	ND (10)	ND (10)	ND (10)		ND (10)	0
1996		NS	NS	NS	NS	NS	NS	NS (10)	NS (10)	ND (10)	NO (10)	NO (10)	ND (10)	NO (10)	NO (10)	NA NS	ND (10)		NS NS	ND (10)	ND (10)			ND (10)	<u> </u>
1997		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS .	NS	NS	NS	NS	NS	NS NS	NS NS	NS	NS NS	NS NS	NS NS	NS		NS NS
		1				<u> </u>				<u> </u>	1				-	-	 ~	 	-	 	-	14.5	140	P -	
5/18/03		NS	NS		NS	NS	NS .		NS	NS	NS	NS	NS	NS	NS	NS	NS_	NS	NS	NS	NS	NS	NS	NS	NS
5/31/03		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
Mar-84 Apr-85		NS NS	NS NS	NS NS	NS	NS	NS .	NS	NS	NS	NS		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS
Oct-85		NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS	NS	NS	NS				NS
1986		NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS -	NS	NS	NS	NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS NS	NS		NS NS
Sep-91		ND (5.0)		NO (5.0)		ND (5 0)		NO (5.0)			ND (5.0)			ND (5 0)		NA NA	ND (5.0)		NA NA	ND (5 0)			ND (100)		
Feb-94		NO (20)	ND (20)		MO (20)	NO (20)	NO (20)	-		ND (20)	ND (20)		NO (20)		ND (20)	NA .		NA	NA .	NO (20)	ND (20)			ND (20)	373
Apr-94		ND (10)	NO (10)		MD (10)	ND (10)	NO (10)	- CO	- 450	ND (10)	ND (10)	NO (10)	ND (10)	ND (10)	ND (10)	NA	ND (10)	NA .	NA		ND (10)	NO (10)		ND (10)	33
Jul-94		ND (10)		ND (10)		NO (10)	NO (10)			ND (10)	NO (10)		ND (10)	ND (10)	NO (10)	NA		NA .	NA _		NO (10)			ND (10)	19
1996		NS NS	NS NS	NS NS	NS NS	NS .	NS NS	NS NS	NS NS	NS	NS NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS		NS
1997		1,43	149	<u> </u>	149	lug.	142	149	142	NS	INS.	NS	NS	NS	NS	NS	NS _	NS	NS	N\$	NS	NS	M\$	NS	NS

Table 2-12 November 15, 1996 Water Level Data

	Water L	evel Data	
	Depth to	Measuring	
Well ID	GW	Point	WL ELEV
		Elevation	
CMW1A	14.53	1151.02	1136.49
CMW1B	14.65	1151.11	1136.46
CMW2	#N/A	1146.1	#N/A
CMW3A	#N/A	1145.55	#N/A
CMW3B	#N/A	1145.73	#N/A
CMW4			
	#N/A	1151.01	#N/A
CMW5	#N/A	1149.3	#N/A
CMW6	15	1151.12	1136.12
CMW7	16.12	1151.98	1135.86
CMW8A	#N/A	1154.76	#N/A
CMW8B	#N/A	1155.38	#N/A
CMW9	#N/A	1149.24	#N/A
CMW10	#N/A	1149.13	#N/A
CMW11A	12.76	1148.54	1135.78
CMW11B	12.91	1148.63	1135.72
CMW12	17.24	1153.08	1135.84
CMW13	#N/A	1145.79	#N/A
CMW14	12.36	1145.79	#N/A 1135.38
DM1	#N/A	1152.48	#N/A
DM2	20.63	1155.91	1135.28
DM3	#N/A	1156.04	#N/A
DM4	#N/A	1156.13	#N/A
DM5	16.73	1152.31	1135.58
DM6	11.74	1147.84	1136.1
DM7	11.7	1147.79	1136.09
DM8	13.52	1150.29	1136.77
DM9	#N/A	1157.087	#N/A
DM10	18.26	1155.75	1137.49
DM11	#N/A	1156.11	#N/A
DM12	#N/A	1156.96	#N/A
DM13	22.28	1158.7	1136.42
DM14	22.23	1158.62	1136.39
DM15	17.27	1155.34	1138.07
DM16	18.48	1155.87	1137.39
	17.42		1137.72
DM17 1			
DM18	17.63	1155.25	1137.62
DM19	22.45	1159.27	1136.82
DM20	15.42	1153.2	1137.78
DM21	13.64	1150.84	1137.2
DM22	16.46	1152.88	1136.42
DM23	22.63	1157.67	1135.04
DM24	14.7	1150.84	1136.14
DM25	20.04	1155.44	1135.4
DM26	#N/A	1155.78	#N/A
DM27	21.88	1157.91	1136.03
DM28	17.51	1155.8	1138.29
DM29	18.94	1156.17	1137.23
DM30	17.1	1151.61	1134.51
DM31	19.11	1153.28	1134.17
GGP1	18.98	1154.17	1135.19
GGP2	17.98	1152.92	1134.94
GGP3	8.51	1142.82	1134.31
GT1	#N/A	1148.42	#N/A
GT2	#N/A	1147.7	#N/A
1 	WIAN.	, 177.7	

Table 2-12 November 15, 1996 Water Level Data

زا

GT3	#N/A	1146.98	#N/A
GT4	#N/A	1148.56	#N/A
MW1A			
	11.79	1146.9	1135.11
MW1	16.14	1150.27	1134.13
MW2A	16.34	1151.73	1135.39
MW2	14.17	1155.21	1141.04
MW3A	11.88	1146.62	1134.74
MW3	10.28	1146.63	1136.35
MW4A	17.28	1153.21	1135.93
MW4B	18.42	1154.34	1135.92
MW4	19.19	1154.09	1134.9
MW5	16.37	1151.02	1134.65
MW5A	#N/A	?	#VALUE!
MW6A	17.45	1153.34	1135.89
MW6	6.5	1140.53	1134.03
MW7A	#N/A	1149.08	#N/A
MW7	15.28	1154.46	1139.18
MW8	14.49	1155.6	1141,11
MW9A	#N/A	1148.29	#N/A
MW9B	#N/A	1148.33	#N/A
MW9	13.92	1148.27	1134.35
MW10A	18.24	1153.42	1135.18
MW11B			
	#N/A	?	#VALUE!
MW11A	#N/A		#VALUE!
P1	9.06	1143.68	1134.62
P2	#N/A	1144.75	#N/A
P3	#N/A	1150.92	#N/A
P4	#N/A	1154.08	#N/A
P5	#N/A	1151.45	#N/A
REM1	#N/A	1156.65	#N/A
RII	#N/A	1155.39	#N/A
RI2	#N/A	1152.76	#N/A
RI3	#N/A	1158.06	#N/A
Ri4	14.75	1151.58	1136.83
RI5	#N/A	1148.59	#N/A
RI6	#N/A	1148.99	#N/A
RI7	9.89	1143.71	1133.82
RI8	#N/A	1156.97	#N/A
RWD1	#N/A	1157.23	#N/A
RWD2	#N/A	1155.72	#N/A
RWD3	#N/A	1155.13	#N/A
SFW1	#N/A	1156.93	#N/A
SFW2	#N/A	1156	#N/A
SFW3	#N/A	1154.02	#N/A
SFW4	#N/A	1152.06	#N/A
SFW5	#N/A	1152.09	#N/A
SFW6	#N/A	1132.03	#N/A
SFW7	#N/A	1152.93	#N/A
			
SFW8	#N/A	1151.68	#N/A
SFW9	#N/A	1153.55	#N/A
SFW10	#N/A	1163.09	#N/A
SFW11	#N/A	1156.65	#N/A
SFW12	#N/A	1157.91	#N/A
SFW13	#N/A	1160.92	#N/A
SFW14	#N/A		#N/A
AG1	#N/A		#N/A
AG2	#N/A		#N/A
AG3	#N/A		#N/A

Table 2-12 November 15, 1996 Water Level Data

٤.

AG4	#N/A		#N/A
AG5	#N/A		#N/A
AG6	#N/A		#N/A
AG7	#N/A		#N/A
AG8	#N/A		#N/A
AG9	#N/A		#N/A
AG10	#N/A		#N/A
AG11	#N/A		#N/A
AG12	#N/A		#N/A
AG13	#N/A		#N/A
ST1	#N/A	1156.18	#N/A
ST2	#N/A	1150.07	#N/A
ST3	#N/A	1144.06	#N/A
PZ1	25.21	1161.32	1136.11
PZ2	23.84	1159.02	1135.18
PZ3	20.36	1154.91	1134.55
PZ4	24.59	1158.95	1134.36
PZ5	27.12	1158	1130.88
PZ6	21.7	1155.81	1134.11
PZ7	19.47	1154.05	1134.58
PZ9	12.2	1146.63	1134.43
PZ10	19.66	1153.96	1134.3
PZ11	20.86	1152.75	1131.89
PZ12	11.14	1145.31	1134.17
HMW1	#N/A	1147.89	#N/A
HMW2	#N/A	1148.75	#N/A
HMW3	#N/A	1150.75	#N/A
HMW4	#N/A	1149.05	#N/A
HMW5	#N/A	1150.5	#N/A
HMW6	#N/A	1151.7	#N/A
HMW7	#N/A	1149.402	#N/A
HMW8	#N/A	1148.545	#N/A
HMW9	#N/A	1148.266	#N/A
HMW10	#N/A	1148.041	#N/A
JDN-HSE	#N/A	1154.18	#N/A
JDN-HYD	#N/A	1154.16	#N/A
COOP	#N/A	1153.78	#N/A
GB1	#N/A	1155.98	#N/A
GB2	#N/A	1154.97	#N/A

Table 2-13
Greif Facility Soils Investigation
Laboratory Results

SAMPLE	Date	DEPTH	PCE	TCE	cis-1,2- DCE	1,1-DCE	MEK	TOLUENE	ACETONE	MIBK	ТСР	ETHYL- BENZENE	DCB	XYLENE1	TOTAL VOLATILES
BH-G4C	Dec-93	10 to 15	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G6A	Dec-93	0 to 5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G6D	Dec-93	15 to 19	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0
BH-G7D	Dec-93	15 to 20	93	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	93
BH-G9A	Dec-93	0 to 5	ND	ND	ND	ND	ND	330	ND	ND	ND	ND	ND	ND	330
BH-G13C	Dec-93	10 to 15	ND	ND	ND	ND	390	18	ND	ND	ND	ND	ND	ND	408
BH-G14A	Dec-93	0 to2	ND	ND	ND	ND	ND	890	ND	ND	ND	ND	ND	ND	890
BH-G14E	Dec-93	15 to 20	ND	ND	ND	ND	95,000	2,100	ND	940	770	ND	670	ND	99480
BH-G16A	Dec-93	0 to 5	ND	ND	ND	ND	90	99	ND	ND	ND	ND	ND	ND	189
BH-G16D	Dec-93	15 to 20	ND	ND	ND	ND	140	960	250	ND	ND	54	ND	250	1654
BH-G18A	Dec-93	0 to 5	ND	ND	ND	ND	225	33	ND	ND	ND	ND	ND	ND	258
BH-G20A	Dec-93	0 to 5	26	ND	ND	ND	220	370	ND	ND	ND	ND	ND	ND	616
MW-GB2¢	Dec-93	10 to 15	ND	ND	ND	ND	165	24	ND	ND	ND	ND	ND	ND	189
96-A	Mar-96	4 to 5	6.9	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	6.9
96-A	Mar-96	9 to 10	26	16	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	42
96-A	Mar-96	14 to 15	42	25	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	67
96-A	Mar-96	19 to 20	66	38	ND	27	NA	ND	NA	NA	ND	ND	ND	ND	131
96-B	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-B	Mar-96	9 to 10	31	6	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	37
96-B	Mar-96	14 to 15	6.1	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	6.1
96-B	Mar-96	19 to 20	66	60	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	126
96-C	Mar-96	4 to 5	12	5.8	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	17.8
96-C	Mar-96	19 to 20	74	7.6	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	81.6
96-D	Mar-96	19 to 20	65	33	5.4	ND	NA	ND	NA	NA	ND	ND	ND	ND	103.4
96-E	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-F	Mar-96	4 to 5	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND .	ND	ND	0
96-F	Mar-96	9 to 10	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0
96-F	Mar-96	14 to 15	ND	ND	ND	ND	NA	ND	NA	NA	ND	ND	ND	ND	0

1 - Xylenes, Total

2 - Sample results were below method detection limits

3 - Compound concentration exceeds the calibration range of the instrument

4 - Detected but below the method detection limit, result is an estimated concentration

ND - Not detected at or above the method detection limit

MIBK = 4-Methyl-2-Pentanone

TCP = 1,2,3-Trichloropropane

DCB = 1,2 Dichlorobenzene

Table 2-14 Greif Facility Soils Investigation Field Analytical Results

()

SAMPLE ID	Date	DEPTH	1,1 DCE	1,1 DCA	MEK	TCE	TOLUENE	PCE	1,1,1 TCA	TOTAL VOLATILES
BH-G1 A	Dec-93	0 to 5	ND	ND	ND	0.3	ND	0.9	ND	1.2
BH-G1 B	Dec-93	5 to 10	ND	ND	ND	0.3		0.6	0.4	1.3
BH-G1 C	Dec-93	10 to 15	ND	ND	ND	0.2		1.3	ND	1.5
BH-G1 D	Dec-93	15 to 20	ND	ND	ND	0.2		0.4	0.5	1.1
BH-G2 A	Dec-93	0 to 5	ND	ND	ND	0.1		ND	ND	0.1
BH-G2 B	Dec-93	5 to 10		ND	ND	0.1		ND	ND	0.1
BH-G2 C	Dec-93	10 to 15		ND	ND		ND	ND	ND	4.8
BH-G2 D	Dec-93	15 to 20		ND	ND		ND	ND	ND	23
BH-G3 A	Dec-93	0 to 5		ND	ND	0.1		0.1		26.2
BH-G3 B	Dec-93		ND	ND	ND	0.7		ND 0.1	ND	0.2
BH-G3 B(dup)	Dec-93	5 to 10		ND	ND	0.2		ND	ND	0.2
BH-G3 C	Dec-93	10 to 15	ND	ND	ND	0.1		ND	ND	0.1
BH-G3 D	Dec-93	15 to 20	ND	ND	ND	1		ND	1.6	38.6
BH-G4 A	Dec-93	0 to 5		ND	ND	43.3		258	2.6	311.9
BH-G4 B	Dec-93	5 to 10	ND	ND	ND		ND	3.5	0.4	7.7
BH-G4 B (dup)	Dec-93	5 to 10	ND	ND	ND		ND	4.9	1.4	9.5
BH-G4 C *	Dec-93	10 to 15	14.7		ND	50.2		38.4	11	104.4
BH-G5 A		0 - 2	<u> </u>	ND	ND		ND	38.4 19.1	4	40.6
BH-G5 B	Dec-93 Dec-93	2 to 5		ND	ND		ND ND	19.1	2.4	9.7
BH-G5 C	Dec-93	5 to 10	ND	ND	ND		ND		0.9	2.9
			ND	ND	ND ND		ND	1.5	0.9	
BH-G5 D	Dec-93	10 to 15	ND					1.7		3
BH-G5 E BH-G6 A *	Dec-93 Dec-93	15 to 20	ND	ND	ND ND		ND	4	1	88
		0 to 5		ND			ND		ND	6.2
BH-G6 B	Dec-93	5 to 10	ND	ND	ND	2.3	6	0.3	0.5	9.1
BH-G6 C	Dec-93	10 to 15		ND	ND	29.7		13.2	0.9	72.8
BH-G6 D *	Dec-93	15 to 20	128		3	57.6	4	64.8	4.9	259.6
BH-G7 A	Dec-93	0 to 5		ND	ND	40.6		612	32.6	697.2
BH-G7 B	Dec-93	5 to 10	<u> </u>	ND	ND	371		71,900.00		72,429.00
BH-G7 C	Dec-93	10 to 15		ND	ND	135		47,200.00		47,497.00
BH-G7 D*	Dec-93	15 to 20		ND	ND ND	62.6		4,990.00	37	5.164.60
BH-G8 A	Dec-93	0 to 5	ND	ND	ND		ND ND	ND	0.7	1.3
BH-G8 B	Dec-93	5 to 10		ND		ND		ND		6.7
BH-G8 C	Dec-93	10 to 15	<u> </u>	ND	ND ND	0.1 0.1		ND	ND	4.1
BH-G8 C (dup)	Dec-93	10 to 15		ND				ND	ND	10.1
BH-G8 D	Dec-93	15 to 20	ND	ND	ND		ND	ND	ND	0.1
BH-G9 A *	Dec-93	0 to 5	ND	ND	ND	0.1		0.2	0.7	- 1
BH-G9 B	Dec-93	5 to 10		ND	ND		ND	ND	1	5.2
BH-G9 C	Dec-93	10 to 15		ND	ND	0.2		ND	ND	0.2
BH-G9D	Dec-93		ND	ND	ND ND		ND	0.1	0.5	
BH-G10 A	Dec-93	0 to 5	ND	ND			ND		ND	0.4
BH-G10 B	Dec-93	5 to 10	ND	ND	ND ND		ND		ND	0.5
BH-G10 C BH-G10 D	Dec-93	10 to 15	ND	ND	ND		ND ND		ND	0.7
	Dec-93		ND	ND					ND	
BH-G11 A	Dec-93	0 to 5	ND	ND	ND		ND		ND	0.4
BH-G11 B	Dec-93	5 to 10	ND	ND	ND		ND	ND	ND	0.1
BH-G11 C	Dec-93			ND	ND		ND	ND	ND	0.1
BH-G12 A	Dec-93	0 to 5		ND	ND		ND		ND	4.5
BH-G12 B	Dec-93	5 to 10		ND	ND		ND	ND	ND	0.2
BH-G12 C	Dec-93		ND	ND	ND		ND	ND	ND	0.2
BH-G12 D	Dec-93	15 to 20	ND	ND	ND		ND		ND	0.3
BH-G13 A	Dec-93	0 to 5		ND	ND		ND		ND	4.3
BH-G13 B	Dec-93			ND	ND		ND	ND	ND	0.2
BH-G13 C *	Dec-93		ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G14 A *	Dec-93	0 - 2	15	ND	66	0.7		7.8	1.3	3,530.80
BH-G14 A(dup)	Dec-93	0-2		ND	72		10,200.00	16.2	<u> </u>	
BH-G14 B	Dec-93	2 to 5	115	ND	2,580.00	2.5	27,000.00	68.6	9.7	29,775.80
BH-G14 C	Dec-93	5 to 10	1,550.00	ND	>16,000.0	36.7	>82,000.0	666	83.6	100,336.30

Table 2-14 Greif Facility Soils Investigation Field Analytical Results

SAMPLE ID	Date	DEPTH	1,1 DCE	1,1 DCA	MEK	TCE	TOLUENE	PCE	1,1,1 TCA	TOTAL VOLATILES
BH-G14 D	Dec-93	10 to 15	2620	ND	>32,000.0	82.2	>180,000.0	1,380.00	220	216,302.20
BH-G14 E *	Dec-93	15 to 20	2500	ND	>26,000.0	162	>170,000.0	2,460.00	>360.0	201,482.00
BH-G15 A	Dec-93	0 to 5	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G15 B	Dec-93	5 to 10	ND	ND	ND	0.2	ND	ND	ND	0.2
BH-G15 C	Dec-93	10 to 15	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G15 D	Dec-93	15 to 20	ND	ND	ND	0.1	ND	ND	ND	0.1
BH-G16 A *	Dec-93	0 to 5	5	ND	ND	0.1	ND	1.6	ND	6.7
BH-G16 B	Dec-93	5 to 10	ND	ND	ND	0.1	ND	0.2	ND	0.3
BH-G16 C	Dec-93	10 to 15	ND	ND	ND	0.5	10,900.00	0.3	1.1	10,901.90
BH-G16 D *	Dec-93	15 to 20	59	ND	137	2.9	>61,000.0	9.5	10.4	61,218.80
BH-G17 A	Dec-93	0 to 5	ND	ND	6	0.4	ND	0.5	1.1	8
BH-G17 B	Dec-93	5 to 10	ND	ND	4	0.3	ND	0.1	0.4	4.8
BH-G17 C	Dec-93	10 to 15	ND	ND	59	0.3	ND	0.1	0.4	59.8
BH-G17 D	Dec-93	15- 20	ND	ND	23	0.3	ND	0.1	ND	23.4
BH-G18 A *	Dec-93	0 to 5	21	ND	5	3.6	ND	1.7	1.5	32.8
BH-G18 B	Dec-93	5 to 10	14	ND	ND	2.6	ND	ND	0.9	17.5
BH-G18 C	Dec-93	10 to 15	48	ND	ND	8.6	ND	0.2	1.4	58.2
BH-G18 D	Dec-93	15 to 20	290	ND	6	39.8	ND	1	101	437.8
BH-G19 A	Dec-93	0 to 5	47	ND	4	12.2	ND	19.4	0.4	83
BH-G19 B	Dec-93	5 to 10	ND	ND	ND	1.8	ND	1.5	ND	3.3
BH-G19 C	Dec-93	10 to 15	ND	ND	ND	4.5	ND	50.7	ND	55.2
BH-G20 A *	Dec-93	0 to 5	44	ND	ND	212	52	844	>56.0	1,208.00
BH-G20 B	Dec-93	5 to 10	48	ND	3	73.7	21	80.5	28.2	254.4
8H-G20 C	Dec-93	10 to 15	368	ND	3	432	28	260	17.5	1,108.50
BH-G20 D	Dec-93	15 to 20	852	ND	ND	961	19	534	28.2	2,394.20
MW-GB1 A	Dec-93	0 to 5	6	ND	ND	0.2	ND	ND	0.7	6.9
MW-GB1 B	Dec-93	5 to 10	ND	D	ND	0.1		ND	0.4	0.5
MW-GB1 C	Dec-93	10 to 15	17	ND	ND		ND	ND	0.7	17.8
MW-GB1 D	Dec-93	15 to 20	ND	ND	ND		ND	ND	0.4	0.4
MW-GB1 E	Dec-93	20 - 25		ND	ND	ND	ND	ND	ND	0
MW-GB2 A	Dec-93	0 to 5	1	ND	ND	0.1	ND	0.2	ND	0.3
MW-GB2 B	Dec-93	5 to 10		ND	ND	0.1	ND	ND	ND	12.1
MW-GB2 C *	Dec-93	10 to 15	70	ND	ND		ND	0.1	ND	70.2
MW-GB2 D	Dec-93	15 to 20	ND	ND	ND		ND	ND	ND	0.1
96-B	Mar-96	4 to 5	NA	NA	NA	136.6			NA	233.6
96-B	Mar-96	14 to 15	NA	NA	NA	216.2		231.1	1	447.3
96-B	Mar-96	19-20	NA	NA	NA	384.7		358		742.7
96-C	Mar-96	4 to 5	NA ·	NA	NA	174.8		136.6		311.4
96-C	Mar-96		NA	NA	NA	150.7		92.2		242.9
96-C	Mar-96	14-15	NA	NA	NA	165.9		274.5		440.4
96-C	Mar-96	19-20	NA	NA	NA	170		303.6		473.6
96-D	Mar-96	4 to 5	NA	NA	NA	2898.5		5374		8272.5
96-D	Mar-96		NA	NA	NA	2529.6		1651.8		4181.4
96-D	Mar-96	14 to 15	NA	NA	NA	2709.6		1864		4573.6
96-D	Mar-96		NA	NA	NA	3808.8		7753.6		11562.4
96-E	Mar-96	4 to 5	NA	NA	NA	113.4		ND	NA	113.4
96-E	Mar-96		NA	NA	NA	125.1		ND	NA	125.1
96-E 1 - Xvienes, Total	Mar-96	15 to 16	NA	NA	NA	131.9	NA	ND	NA	131.9

^{1 -} Xylenes, Total

ND - Not detected at or above the method detection limit

MIBK - 4-Methyl-2-Pentanone

TCP - 1,2,3-Trichloropropane

DCB - 1,2 Dichlorobenzene

^{2 -} Sample results were below method detection limits

^{3 -} Compound concentration exceeds the calibration range of the instrument

^{4 -} Detected but below the method detection limit, result is an estimated concentration

TABLE]. CHEMICAL DATA FOR STROTHER FIELD SUPPLY, KDHE and GE HONITORING WELLS

STROTHER F1ELD SUPPLY WELLS ID SFW-1 SFW-1 SFW-1 SFW-1 SFW-1 SFW-1 SFW-1 SFW-1 SFW-1 SFW-2 SFW-2 SFW-2 SFW-2 SFW-2 SFW-3 SFW-3 SFW-3 SFW-3 SFW-3 SFW-3 SFW-3 SFW-3 SFW-4 SFW-	DATE 8-1-82 5-18-83- 5-31-83- 6-28-83 9-6-83 1-23-84 5-31-83- 10-17-83 8-1-82 5-31-83- 9-6-83 12-22-83 8-1-82 5-31-83- 5-18-83 5-18-83 5-18-83	SAMPLED BY USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	TOTAL VOLATILE ORGANICS 192 730.8 2.6 713.3 784.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	METHYL CHLORIDE	HETHYL DROMIDE G G G G G G G G G G G	VINYL CHILORIDE 9 9 0 5 0	CHLORO ETHANE G G G G G	METHYLENE CHLORIDE 3 9 .6 9
SUPPLY STATE WELLS ID SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31002 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	8-1-82 5-18-83-5-31-83-6-28-83 9-6-83 1-23-84 5-31-83-10-17-83 8-1-82 5-31-83-9-6-83 12-22-83 8-1-83 5-18-83	USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	192 730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	CHLORIDE	DROMIDE 0 0 0 0 0	CHILORIDE 0 0 5 0 9	ETHANE 	CHLORIDE 0 0 .6 0 0
#ELLS ID SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	8-1-82 5-18-83-5-31-83-6-28-83 9-6-83 1-23-84 5-31-83-10-17-83 8-1-82 5-31-83-9-6-83 12-22-83 8-1-83 5-18-83	USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	192 730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	CHLORIDE	DROMIDE 0 0 0 0 0	CHILORIDE 0 0 5 0 9	ETHANE 	CHLORIDE 0 0 .6 0 0
SFW-1 31901 SFW-1 31901 SFW-1 31901 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	8-1-82 5-18-83-5-31-83-6-28-83 9-6-83 1-23-84 5-31-83-10-17-83 8-1-82 5-31-83-9-6-83 12-22-83 8-1-83 5-18-83	USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	192 730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	CHLORIDE	DROMIDE 0 0 0 0 0	CHILORIDE 0 0 5 0 9	ETHANE 	CHLORIDE 0 0 .6 0 0
SFW-1 31991 SFW-1 31991 SFW-1 31991 SFW-1 31991 SFW-1 31991 SFW-1 31991 SFW-2 31902 SFW-2 31902 SFW-3 31902 SFW-3 31903 SFW-3 31903 SFW-3 31903 SFW-3 31904 SFW-4 31904 SFW-4 31904 SFW-4 31904 SFW-4 31904 SFW-4 31904	8-1-82 5-18-83-5-31-83-6-28-83 9-6-83 1-23-84 5-31-83-10-17-83 8-1-82 5-31-83-9-6-83 12-22-83 8-1-83 5-18-83	USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	192 730.8 2.6 713.3 784.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6		6 0 0 0 0 0	9 · 9 · 9 · 9 · 9 · 9 · 9 · 9 · 9 · 9 ·	ETHANE 	CHLORIDE 0 0 .6 0 0
SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-18-83- 5-31-83- 6-28-83- 9-6-83- 1-23-84- 5-31-83- 19-17-83- 8-1-82- 5-31-83- 9-6-83- 12-22-83- 8-1-83- 5-18-83- 5-18-83-	USEPA KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	0 0 0 0 0	• • • • • • • • • • • • • • • • • • •	g . g . g u u g	•••••	0 .6 0 0
SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-3 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-18-83- 5-31-83- 6-28-83- 9-6-83- 1-23-84- 5-31-83- 19-17-83- 8-1-82- 5-31-83- 9-6-83- 12-22-83- 8-1-83- 5-18-83- 5-18-83-	KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	9 9 9 9		g . U U U U U U U U U	G	9 . 6 9 9 9
SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	5-18-83- 5-31-83- 6-28-83- 9-6-83- 1-23-84- 5-31-83- 19-17-83- 8-1-82- 5-31-83- 9-6-83- 12-22-83- 8-1-83- 5-18-83- 5-18-83-	KDHE KDHE KDHE KDHE KDHE KDHE KDHE KDHE	730.8 2.6 713.3 704.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	9 9 9 9		g . U U U U U U U U U	0 0 0 0 0 0 0	. 6 9 0 0
SFW-1 31001 SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	5-31-83 e 6-28-83 9-6-83 1-23-84 5-31-83 e 19-17-83 8-1-82 5-31-83 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE KOHE KOHE KOHE KOHE KOHE KOHE	2.6 713.3 784.2 7.6 1303.7 1006 4.5 7.9 4.7 1969.6	0 0 0 0		g . U U U U U U U U U	0 0 0 0 0 0	. 6 9 0 0
SFW-1 31001 SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	6-28-83 9-6-83 1-23-84 5-31-83 10-17-83 8-1-82 5-31-83 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE KOHE KOHE KOHE KOHE KOHE KOHE	713.3 784.2 7.6 1383.7 1886 4.5 7.9 4.7 1969.6	9 9 9		u e e o	0 0 0 0 0 0	. 6 9 0 0
SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	9-6-83 1-23-84 5-31-83 19-17-83 8-1-82 5-31-83 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE KOHE KOHE KOHE KOHE KOHE KOHE	784.2 7.6 1383.7 1886 4.5 7.9 4.7 1969.6	• 0 8		u e e o	9 9 9	9 9 9 9
SFW-1 31001 SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	1-23-84 5-31-83 * 10-17-83 8-1-82 5-31-83 * 9-6-83 12-22-83 8-1-83 5-18-83	KDHE KDHE KDHE USEPA KOHE KOHE KOHE KOHE	7.6 1303.7 1006 4.5 7.9 4.7 1969.6	• 0 8		u e e o	0 9 U 9	
SFW-2 31002 SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	5-31-83 · 10-17-83 8-1-82 5-31-83 · 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE KOHE KOHE KOHE KOHE	1303.7 1006 4.5 7.9 4.7 1969.6	0	·	u e e	9 U 9	
SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	8-1-82 5-31-83 9-6-83 12-22-83 8-1-83 5-18-83	KDHE USEPA KOHE KOHE KOHE USEPA	1006 4.5 7.9 4.7 1969.6	0	0	_	9	
SFW-2 31002 SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004	8-1-82 5-31-83 9-6-83 12-22-83 8-1-83 5-18-83	KDHE USEPA KOHE KOHE KOHE USEPA	1986 4.5 7.9 4.7 1969.6	0	0	_	9 U 9	
SFW-3 31003 SFW-3 31003 SFW-3 31003 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	8-1-82 5-31-83, 9-6-83 12-22-83 8-1-83 5-18-83	USEPA KOHE KOHE KOHE USEPA	4.5 7.9 4.7 1969.6	_	•	_	9	
SFW-3 31003 SFW-3 31003 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-31-83' 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE USEPA	7.9 4.7 1969.6	0 0 0	•	_	•	
SFW-3 31003 SFW-3 31003 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-31-83' 9-6-83 12-22-83 8-1-83 5-18-83	KOHE KOHE USEPA	7.9 4.7 1969.6	0 0 0	•	_	9	
SEW-3 31003 SEW-4 31004 SEW-4 31004 SEW-4 31004 SEW-4 31004 SEW-4 31004 SEW-4 31004	9-6-83 12-22-83 8-1-83 5-18-83	KOHE Kohe Usepa	4.7 1969.6	0 0	0	_	•	
SFW-3 31003 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	12-22-83 8-1-83 5-18-83	KDHE	1969.6	0 8	0	_		
SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	8-1-83 5-18-83	USEPA		0			•	9
SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-18-8)				a	4	•	-
SFW-4 31004 SFW-4 31004 SFW-4 31004 SFW-4 31004	5-18-8)				•		v	1.)
SFW-4 31004 SFW-4 31004 SFW-4 31004			157.7	•	0	u	0	•
SFW-4 31004 SFW-4 31004 SFW-4 31004			1946.9	9	U	0	.	•
SEW-4 31004 SEW-4 31004	11-21-83	KDIIE	1060.5	0	0	ŭ	å	g O
SFW-4 31004	12-22-83	KDIIE	1457.5	8	9	2.5	a	*
SEU-4 31444	1-23-84	KDILE	1152.8	0	•	Ü	ŏ	1.1
SFW-4 31004	2-20-84	KOILE	975.6	0	0	V	ō	į '
		NOTIE	1396.5	g	9	U	Ü	ö
SFW-5 31005	5-31-83/	KDHE	(15.3	_				•
		KUILE	645.7	0	g	Ű	U	e e
SFW-7 31807	4-27-83	KDHE	5	_				
0.0.4. 3	5-31-83 *	KOILE			` 0	¥	¥	0
	19-17-83	KOHE	6.1	9 '	• 6	1	•	0
		KI/II C	4.2	0 .	0	0	0	ě
SEM-8 31448	8-1-83	USEPA	220.1	_				
	9-11-03	USEPA	326.7	9	0	0	9	g
	5-18-83	KOHE	5757.3	•	9	9	0	0 ·
SEM-8 31008	5-31-8) -	KOHE	5449.8	•	0	U	•	9
SFW-8)1000	6-28-83	KDILE	5917.6	•	, u	. 0	9	9
SFH-8 31008 SFH-8 31008	9-6-83	KDHE	5338.4	ŏ	•	1.2	¥	9
CCU A	10-7-83	KUILE	4809.8	ě	•	1.4	•	9
0.00	10-17-83	KDIIE	5129.6	ŏ	ă	*	9	0
CC1 A	11-21-83	KDIIE	5899.4	ū		•	9	9
CEU 0	12-22-83	KDHE	1858.5	0 .		U	9	19.8
A	1-23-84	KDILE	4079.5	0		V	9	0 -
5 1000	2 - 20 - 84	KDILE	2553.3	ŏ	Α	U	0	9
SE 1009	4-22 03			-		. •	•	9
2 ~ 4 A	4-27-83 5-31-83·	KDIIE	34.8	•			_	
e cai. A	6-28-83	KDHE	28.3	0	Ö	4	9	9
CONTRACTOR STATES	10-7-83	KOHE	3616.5	0	9	1.8	0	V
C CARL A	10-0-83	KDIIE	1392	0		à	0	V
CCMA	12-22-83	KDIIE	119.6	0	0	o o	•	y
COMPA	1-23-84	KDHE	2707.2		•	-	0	9
	1-43-04	KOHE	791.3	0	U	u u	V	0

TABLE) CONT	INUED			F					
STROTHER FIELD						•			•
SUPPLY	STATE	•	_						
WELLS	10	01.00	SAHPLED	1.1-DICHLORO	1,1-DICHLORO	**************************************			
*******	****	DATE	8 Y	ETHYLENE	ETHANE	CH1 000000000000000000000000000000000000	CHLORO	1,2-D1CHLORO	1,1,1-TR;
		***			*******	CHLOROETHYLENE	FORM	ETHANE	CHLOROETHANE
SFW-1	31001							********	CHECKOETHANE
SFWFI	31001	0-1-82	USEPA	.5	.4				
SFW-1		5-10-03	KDHE	3.7		30	0	•	1 1
SFH-1	31901	5-31-83+	KDIIE	Ö	3.6	124	8	0	1.1
SFW-1	31601	6-28-83	KOHE	3.2		•	•	ŭ	5.5 0
SFW-1	31091 31001	9-6-83	KDHE	5.5	3.8 4.9	117	•	Ō	4.3
,-	21401	1-23-84	KOHE	9		147	0	Ğ	1.)
SFH+2	31002				.4	1	Θ.	. 9	å
SFH+2		5-31-83	KDIIE	7.3	1.9	126			•
	31002	10-17-83	KDHE	11.3	3.6	125	•	•	18.8
SFW-3					J. W	138	8	9	19.1
SEW-3	31003	8-1-82	USEPA	•	9			•	17.1
SFW=3	31993	5-31-83	KOHE	ō		. 3	•	0	g
SFH-3	31003	9-6-83	KDIIE	ŏ	0 0	U	9	a	u ·
3147	31983	12-22-83	KOHE	83.7	=	.5	ø	ğ	0
SFW-4	31004			• • • • • • • • • • • • • • • • • • • •	5.3	222	61.7	1.2	2 U)
SFW-4	31004	8-1-83	USEPA	1.8	ġ	••		•••	403
SFW-4	31004	5-18-83	KDIIE	77.9	3.5	17	2.2	•	4.3
SFH-4	31004	5-31-83	KDIIE	68.9	3.5	25.8	8	4	120
SFW-4	31004	11-21-03	KDILE	231	7,3	29.1	10.4	.7	101
5 FW + 4	31004	12-22-8)	KDHE	91		41.4	13.9	. 9	171
SFW-4	31004	1-23-84	KOHE	51. 7	4.9	30.2	12.9	. 7	96.2
- · · · · ·	31004	2-20-84	KOHE	29	4.1 1.6	30.3	7.9	. 6	lu,)
SEW-5	31905				1.0	151	1.5	. 7	150
_	,,,,,	5-31-83	KDHE	7.4	0	• •			.,,
SEW-7	31007				•	8.1	U	v .	13.7
SEH-7	31007	4-27-83	KOHE	0	0	•	_		
SFW-7	31007	5-31-83	KDIIE	G	ā	1	g	0	.5
•	31007	19-17-83	KDILE	æ	ă	. 8	9	U	. 6
SFW+8	31908				•	. 6	g	8	. š
SFW-8	31008	8-1-83	USEPA	1.5	. 3	_30			
SEWAB	31008	8-11-83	USEPA	3	9	(4)	2.1	•	3.4
5 FH = 8	31006	5-18-83	KDHE	147	4.1	758	١,	9	10
SFHFB	31908	5-31-83	KOHE	171	4.5	806	1.6	2	545
SFH-8) 1 0 0 8	6⊦28-8) 9~6~83	KDHE	109	5.4	656	, 2	2.0	479
SFH+B	31008	19-7-8)	KDILE	133	4.2	778	3.1 1.5	l . 6	429
SFW-8	31000	19-17-83	KDILE	207	5.0	899	0	1.5	356
SFHrB	31008	11-21-83	KDIIE	168	6.9	690	4.6		208
SEW-8	31008	12-22-83	KDHE	259	6.6	850	0	5.1	307
SFW-8	31008	1-2)-84	KDHE	1 3A	4.5	590	0	y .	445
SFW-B	31408	2-20-04	KOHE	99.5	g	492	•	9) u 9
		4-49-54	KDHE	71.3	•	317	•	9	294
SFMNO	31009	4 3' 4-			••	** *	4	4	235
S	31009	4-27-83	KDHE	(in)	g ·	. Stand			•
\$ 700	31009	5-31-83	KDIIE	1.9	Ö	(事)	4	U	1 0,32
s Paris	31809	6-28-83	KDIIE	• •	Au l			9	4.7
S P P	31009	10-7-8) 10-8-8)	KDHE	1632	i9.	362	- 3.	·· ** 17. 15 "	330
श्रम	31009	12-22-83	KOHE	13.8	È'7	7949	9	9	107
150	31009	1-2)-84	KDHE	.75 19.1	18.	40\$	ā	•	J\$. 0
12F-		· • •	NI/II E	rw.1	. 9	113	Jep 5 ~ "	4	109
₽6 3				••		9 =	₹7 "	₩	6,1 , 4

r

SUPPLY STATE	STROTHER -									
DATE DATE DATE SAMPLED CALBON TETRA DICHLORO 1,2-DICHLORO CHILODOPOPHE THYLERE BRINE CHILODOPOPHE THYLERE CHILODOPOPHE THYLERE BRINE CHILODOPOPHE THYLERE CHILODOPOPHE THYLERE CHILODOPOPHE THYLERE CHILODOPOPHE THYLERE		CT1-C								
SPW-1 3189 S-18-0 USEPA USE					CARBON TETRA	DICHLORO	1.2-DICHLORG	****		
SPM-1 3180 8-1-82 USEPA 0 0 150	= :			DY	CHLORIDE	BROHOMETHANE	PROPANE	CHIODOPPOPP		
SFW-1 11001 5-11-01 KOUE 1594 594 578-1 11001 5-11-01 KOUE 0 0 0 0 594 578-1 11001 5-11-01 KOUE 0 0 0 0 595 585 0 578-1 11001 1-21-04 KOUE 0 0 0 0 515 515 585 0 578-1 11001 1-21-03 KOUE 0 0 0 0 0 515 51					*********	*****	*********	**********	ETHYI,ENE	
SPM-1 11001 S-11-01 KDUE 0 S-12-01 KD		31601	8-1-82	USEPA	u	•	_	_		
SPM-1 31801 5-31-83 KDHE 0 0 0 3.56 0		31991	5-18-83		- a		-	•	160	0
SPW-1 11001 1-20-80 KDHE 0 0 0 3555 0 57W-1 11001 1-20-80 KDHE 0 0 0 3555 0 57W-2 31002 3511-80 KDHE 0 0 0 0 3555 0 57W-2 31002 3511-80 KDHE 0 0 0 0 0 3555 0 3555 0 3555 0 357W-2 31002 3511-80 KDHE 0 0 0 0 0 0 354 0 354 0 357W-3 31003 35-11-80 KDHE 0 0 0 0 0 0 0 0 0	_		5-31-83		•	•	•	-		0
SFW-2 31002 5-31-83 KDHE 0 0 0 1150 0 0 150.3 0 SFW-2 31002 5-31-83 KDHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		-	6 × 28 - 8 3		a	•		9		0
SFW-2 31002 5-31-83 KDHE 0 0 0 1150 0 0 150.3 0 SFW-2 31002 5-31-83 KDHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			9 - 6 - 8 3 %	KDHE	0	ā	•	9		9
SFW-2 31002 39-17-83 KDIE 0 0 0 0 0 0 0 0 0	SEM+1	31001	1-23-84		0	0	9	ÿ ·		9
SFW-3 11002 10-17-839 KDHE 0 0 0 0 0 0 0 0 0	SFW-2	31002	5-31-83	KORE	ø		_		•••	•
SFW-3	SFW+2	31002			-	•	•	•	1150	9
SPW-3 31003 9-6-83 KDIE 0 0 0 0 0 0 0 0 0	.,		- ,	NO II E	U	o o	•	•	834	0
SPW-3	-			USEPA	0 .	0	a	a		_
SFM-3		_			0	g	ă	•		9
SFM-4				KDHE	0	0	ā	•		9
SFM-6 11004	314-)	31003	12-22-83 民	KDHE	3.1	9.9	a	Ü		. 1
SFM-4 11094 5-18-83 NDIE 5 0 77 0 0 786 0 5FM-4 11094 11-21-83 NDIE 0 77 0 0 773 0 0 0 0 0 0 0 0 0		31904	8-1-83	USEPA	Q	a		_		
SEM-4 31004 11-21-30 KDHE 1.2 0 0 0 0 0 0 0 0 0		31004	5-18-83					g	130	U
SFM-4 31004 11-21-83 KDHE 1.2 0 0 0 973 0 973 0 5FM-4 31004 12-22-84 KDHE 1 77 0 0 992 0 5FM-4 31004 1-23-84 KDHE 1.1 0 0 0 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 975 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		31064	5-31-83	_			9	9	786	y
SFH-4 31004 12-22-81 KDHE 1 7 8 973 9 973 9 974 31004 1-21-84 KDHE 1.1 9 9 9 9 9 9 9 9 9		31004	11-21-834				9	U	823	U
SFM-4 31004 1-21-84 KDHE 1-1 1		31094				_	0	U	973	9
SFM-5 31005 5-31-83 KDHE 1.8 0 0 959 0 946		31004	1-23+84				•	0	9 4 2	8
SFW-5 31005 5-31e83 KDHE 1.8 0 0 692 0 SFW-7 31007 5-31e83 KDHE 0 9 2 0 3.5 0 SFW-7 31007 10-17-03 KOHE 0 0 0 3.7 0 SFW-8 31008 8-1-03 USEPA 0 0 0 0 3.7 0 SFW-8 31008 8-11-03 USEPA 0 0 0 100 260 0 0 100 0 3.7 0 0 0 100 0 100 0 100 0	SFW-4	31004	2 - 2 9 - 8 4				9	0 9		0
SFW-7 31007 4-27-83 KDHE 0 0 0 3.5 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.7 0 0 3.1 0 0 3.7 0 0 3.1 0 0 3.7 0 0 3.1 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 3.1 0 0 0 0 3.1 0 0 0 0 0 0 0 0 0	SFW-5	31005	5-31-83	KDITE	1.0	9	0	•		- 0
SFH-7 31007 5-31-83 KOHE 0 0 0 3.77 U SFH-8 31008 8-11-83 USEPA 0 0 188 0 SFH-8 31008 5-18-83 KOHE 0 0 0 0 188 0 SFH-8 31008 5-31-83 KOHE 0 0 0 0 188 0 SFH-8 31008 5-31-83 KOHE 0 0 0 0 0 188 0 SFH-8 31008 5-31-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SFW-7	31997	4-27-01	KOUE	•					. •
SEM-8		31007		-		_	<u>-</u>	9	1.5	Ø
SFH-8	SFW-7	31997					•	0		Ų
SFM-8 31008 5-18-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SFW-8	31008	8-1-81	iree	_	;	•			•
SFW-8 31008 5-18-83 KOHE 0 0 307W 0 SFW-8 31008 5-31-83 KOHE 0 0 307W 0 0 SFW-8 31008 6-28-83 KOHE 0 0 31520 .9 SFW-8 31008 10-7-83 KOHE 0 0 0 3100	SFW-8					0 •		0	180	а
SEW-8 31008 5-31-83 KOHE 0 0 1 1 0 3520 .9 SEW-8 31008 6-28-83 KOHE 1 5 0 1 3520 .9 SEW-8 31008 9-6-83 KOHE 0 0 1 3720 .9 SEW-8 31008 10-7-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SEH-8				-	0	•	0		ă
SEW-8 31008 6-28-83 KDHE 9 5 4 418 77 SEW-8 31008 10-7-83 KDHE 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	SFW-8	31908	· -		_	0	•	0	307V	Q
SFW-8 31008 9+6-83 KDHE 0 3720 9 SFW-8 31008 10-7-83 KDHE 0 3720 9 SFW-8 31008 11-21-83 KDHE 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0	SEH+8	31998		_	٠,	9	i	0		. 9
SEW-8 31008 10-7-83 KDHE 0 0 3400 8 SEW-8 31008 10-17-83 KDHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SFW-8	31008			. •	5	0	9	4310	
SFW-8 31008 11-21-83 KDHE 0 3690 0 36		31008	-		•	•	•	0	3720	. 9
SEW-8 31008 11-21-83 KOHE 0 3880 0 SEW-8 31008 12-22-83 KOHE 0 3550 0 SEW-8 31008 1-23-84 KOHE 0 3550 0 SEW-8 31008 2-20-84 KOHE 0 2890 0 1740 0 1740 0 SEW 31009 5-31-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					•	y	Ď.	9		ě
SEM-8 31008 12-22-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					-	•	y .	0		0
SEW-8 31008 2-20-84 KUHE 0 0 2890 0 1740 0 1					Ö	ŏ	•	9		•
SET 31009 4-27-83 KOHE 0 1740 0 SET 31009 5-31-83 KOHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				KUHE	0	å	•	•		0
SET 31009 4-27-83 KDHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	21M-8	31008	2-20-84	KOHE	Ō	g ,		•		9
SENT 31009 5-31-83 KDHE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	s e	31009	4-22.43			•	:	•	1/44	U
SFEE 31009 6-28-83 KUHE SFEE 31009 10-7-83 KUHE SFEE 31009 10-8-83 KUHE SFEE 31009 12-8-83 KUHE SFEE 31009 12-22-83 KUHE SFEE 31009 12-22-83 KUHE SFEE 31009 12-22-83 KUHE					8	0	· •	•	orite.	_
SPECIAL STREET OF STREET O	5.23				0	0	. ·		45	0
SP 31009 10-8-83 KDHE 0 12-22-83 KDHE 0 12-22-	s miles				THE PARTY OF THE P	- 13 °	ø	•	经数	A
S 11009 12-22-03 KDHE 0	s 🙀		- -		9	0	Ō	i	2244 B	
Self- Diago Mills	S P				9	9	0		SI	
	s • • • •	31849			-	0 0	0	0	KP.	Ö

TABLE] CONTINUED

STROTHER								•	
FIELD						i			
SUPPLY	STATE		SAMPLED	CHLORODI		-			
WELLS	10	DATE	BY	RECHOROUS	CIS 1, 1-D1	1,1,2.TRI		1,1,2,2-TETRA	* ***********************************
	****		*****	SMAIITSHORDAG	CHLOROPROPENE	CHLOROETHANE	BROHOFORM	CHLOROETHANE	FTURIORO
					• * • • • • • • • • •	********		**********	ETHYLENE
SFW-1	31001	8 4 1 ≠ 8 2	USEPA	• `	_				
SFW-I	31001	5-18-83	KOHE	-	v		9	•	0
SFW-I	31001	5-31-83	KDILE	0	0	•	•	۵	•
SEM-I	31001	6-20-83	KDILE	0	0		0	ă	•
SFW-1	31001	9-6-03	KDIIE	4	0	9	9	u u	
SFW+1	31001	1-23-84	KDILE	a .	9	0	0 .	ĕ	V A
				• .	9	9	9	•	•
SFW-2	31002	5-31-83	KDHE	a	•	_		• ,	•
SEW+2	31002	10-17-83	KDHE	å	•	0	. 7	•	0
				•	v	9	8	g	•
SFW+3	31003	8+1-82	USEPA	0	•	_		•	•
SFW+3	31003	5-31-83	KDHE	.5	•	•	•	•	9
SFW=3	3100)	9-6-83	KOHE	ė	•	•	4	. 0	. 0
SEM-)	31003	12-22-03	KDIIE	1.5	•	,	•	0	ě
C 574 . 4				4.,,	•	9	4.5	9	112
SFW-4 SFW-4	31004	8-1-83	USEPA	9	e	•	_	•	
SFW-4	31004	5-18-8]	KOHE	. 9	a	0	•	•	2.4
SEW-4	31004	5-31-83	KDHE	2	å .	.5	. 9	9	14.9
StW-4	31004	11-21-83	KDHE	ġ.	, i	.)	7 <u>.</u> 1	•	13.6
SEH-4	31004 31004	12-22-83	KDHE	ġ.	ě	•	9	•	14.2
SFW-4	31004	1-23-84	KDHE	•	0	9	0	9	10.5
••••	31004	2 - 20 - 84	KDIIE	1	Ğ	Δ.		0	10.6
SFW+5	31005	6 31 61				•	8,3	0	1 4 7
	3.00	5-31-83	KDIIE	0	9	•	o .	<u> </u>	
SFW-7	31007					• .	•	g	12.7
SFH-7	31007	4-27-8) 5-31-83	KDIIE	0	9	• .	o	•	
SFH-7	31007	10-17-83	KOHE	9	0	a .'	•	•	•
-		10-17-03	KDIIE	0	0		ă	9	O
SFH-8	31000	8-1-83	10.00.00.0			• 1	•	•	0
SEM+B	31008	8-11-83	USEPA	9	•	o '	a		
SFW-8)1008	5-18-8)	USEPA	9	0	Ō	ě	9	2.8
S F74 - 8	31008	5-31-83	KDIIE	. 6	•	1.3	6.7	•	9.7
SFW-8	31998	6+20-03	KDHE	0	9	1.6	ė'	. 0	121 -
SFW-B	31008	9+6-83	KDHE	12.6	•	2.1	12.5	å	461 *
SEHAB	31008	10-7-83	KDIIE	0	0	9	.;	1.2	369
SFW-8	31008	10-17-83	KOHE	e o	9	•	0	• • •	349
SFH-B	31008	11-21-8)	KDILE	a	g	0	•	ŏ	499 258
SFW-B	31008	12-22-83	KOHE	0	•	0 :	9	۵	349
SEM-B	31998	1-23-84	KDILE	ů		9 :	8	Ö	275
SEM-8	31008	2-29-84	KDHE	9	Q Q	0 :	. 0	9	344
o meto			. –	-		•	•	•	190
ร ศห รี9	31009	4-27-83	KDIIE	a	•				
S (N - 9	31009	5-31-83	KDILE	ă	9	0	9	0	177
SEWA9 SEWA9	31009	6-28-83	KDHE	1.4	-	U	8	•	r.i
SFH#9	31009	19-7-83	KDHE		u o	~ ~	<u> </u>	g	
SEH49	31009 31 0 09	19-8-8)	KOHE	ō	Š	V	25.e	ğ	723
	31009	12-22-83	KDHE	0	Ö	•	7.3	•	32.4
S EN AP	71007	1-23+84	KOHE	. 9	0	•	10.2	9	174
					-	•	₩,9	0	50.4

. .

STROTHER						
el eld			•			
SUPPLY	STATE		SAMPLED		CIILORO	ETHYL
WELI.S	10	DATE	BY	TOLUENE	BENZENE	BENZEN
	****	••••	*****	*****		
SFW-1	31991	8-1=82	USEPA	0	g	. 0
SFW+1	31001	5-18-83	KDHE	9	g	9
SFW-1	31001	5+31-83	KDIIE	9	g	Ō
SFW-1	31001	6-28-83	KDIIE	9	a	0
SFW-1	31001	9-6-83	KDIIE	ğ	ě	ě
SFW-1	31001	1-23-84	KOHE	0	0	g
SFW-2	31002	5+31-83	KOHE	o	a	0
SEW-2	31002	10-17-83	KOIIE	ø	Ü	e
SFH-)	31003	8~1~82	USEPA	0	0	•
SFWr 3	3100)	5-31-83	KDIIE	ä	ě	•
SFM-J	31003	9-6-83	KOHE	9	ő	•
SFW-J	31003	12+22-83	KOHE	9	o	9
SFW-4	31094	8-1-6)	USEPA	. 0		9
SFW-4	31804	5-18-83			<u> </u>	
SFW-4	31004	5+31+83	KUILE	9 0	9 8	9
SFW-4	31004	11-21-83				. 0
SFW-4	31084	12-22-83	KOHE	0 0	0	U
SFW-4	31004	1-23-84	KOHE	=	0	0
SFW-4	31994	2-28-84	KDIIE	9 g	0 U	9
SFW-5	31405	5+31-83	KOHE	. 9	U	U
SFW-7	31007	4-27-83	KOHE	9	0	•
SFW-7	31007	5-31-83	KOILE	9.	0	Ü
SFW-7	31007	19-17-83	KDHE	0	ŏ	ě
SFW+8	31468	8-1-8)	USEPA	9	a :	9
SIW-B	31908	6-11-83	USEPA	9		Ö.
SFH-B	31908	5-18-83	KDILE	Ü	0	ŭ
SEHCB	31008	5+31+83	KOHE	9	•	
SEW-B	31008	6-28-83	KUHE	a	•	=
SFW-8	31908	9-6-8)	KOHE	a	9	g g
SEW+8	31008	19-7-83		•	9	-
SFW-8	31008	19-17-83	KDIIE	9 0	9	9.
SFW-B	31998	11-21-63	KDIIE	•	ů	•
SFW-8	31008	12-22-83	KDHE	9	ŏ	ě
SFW-B	31008	1-23-04	KDIIE	0	-	•
SFW-8	31008	2-20-84	KDIIE	9	Q 0	9,
se f ≨9	31009	4-27-83	KOUE	•		
9	31009	5+31-03	KOHE	8	9	9
5 1 1 2	31009	6-20-8)	KOHE		0	0
S and a	31009	18-7-83	KOHE	0 0	9	9
S 1 129	31009	10-6-83	KONE	ě	•	.
11/20	11009	12-22-83	KOHE	ŏ	ŏ	9
174	31009	1-23-84	KDHE	Ū.	ō	ŏ

STROTHER									
FIELD				TOTAL					
HONITORING	STATE		SAMPLED	VOLATILE	HETHYL	HETHYL	VINYL	Citt.oro	METHYLENE
WELLS	10	DATE	ВY	ORGANICS	CHLORIDE	BROHIDE	CHI.ORIDE		CHLORIDE
******	****	****		******	******	******		*****	*******
MW-1	33051	9-22-83	KDHE	9	g	0	•	•	•
HW-1	33051	1-24-84	KOHE	0	g	0	•	•	9
MW-2	33952	9-23-83	KDILE	11.6	•	•	8.9	•	•
HH-3	33052	1-6-84	KDHE	0	g	0	. 0	•	9
MH-2	33052	1+25-84	KDHE	3.9	9	φ.	1.7 .	•	q
HW-3	33053	9-23-83	KDIIE	0	0	9	•		9
HW-3	33053	9+23-83	GE	90	8	•	0	0	0
HW+3	33053	1423-84	KDHE	0	0	0	. •	•	•
MW - 4	33954	9-27-83	KOHE	327.8	•	•	•	•	٠.7
HW-4	33054	10-7-83	KDHE	250.1	9	9	0	•	•
HW - 4	33954	10~7-83	GE ·	429	9	9	•	•	a
MW-4	33054	1-24-84	KOILE	144.7	0	8	• · -	. 0	g
HH-5	33855	9-23-83	KDHE	35.7	9	0	•	9	9
HH + S	33055	16-6-83	KOHE	35.9	9	0	9	9	0
HW - 5	33055	10-6-83	GE	218	9	Ø	0	• •	9
HW-5	33055	1-23-84	KUILE	395.1	9	0	U	Ü	U
MH+6	33956	9-28-83	KDHE	4.5	9	9	9	•	9
MW • 6	33456	1 ~ 25 - 8 4	KDIIE	3.1	0	0	•	0	0
STROTHER									
FIELD									
HONITORING	STATE		SAMPLED			TRANS-1,2+D1	CHLORO	1,2-DICHLORO	1,1,1-TRI
WEILLS	10	DATE	8 Y	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLOHOETHANE
******	*****	••••					•	•••••	**********
MW-1	33951	9-22-83	KDHE	0	g :	eş.	•	9	9
MM-1	33051	1-24-84	KDII£	g	9	•	•	•	•
. HW-2	33052	9-23-83	KDHE	0	. (i	•	•	0 .
MW-2	33052	1-6-84	KDILE	0	g	0	9	0	9
MW+2	33052	1-25-84	KDHE	U	0	. 6	0	0	9
HH-3	33053	9-23-83	KDHE	9	g	i		•	e
MN- 3	33053	9-23-83	GE	0	0	•	•	•	0
HW-3	33053	1-23-84	KDIIE	0	0	•	9	•	9
MI4-4	33054	9-27-83	KOHE	24.7	.5 .	32.3	10.2	•	54.4
MW-4	33054	10-7-83	KDIIE	9.4	.5	34.6	15.2		17.0
MW - 4	33054	19-7-83	GE	9	0	۵	٥	g	0
HW-4	33954	1-24-84	, KDIIE	13.6	. 6	31.1	2	•	18.2
MW-5	33955	9423-83	KDHE	9	•	2.1		•	•
MW-5	33055	10-6-83	KDILE	G	•	3.6	•	. • .	•
MW -5	33055	10-6-83	GE	0	0	•	•	•	0 .
· MH-S	33055	1-23-84	KDHE	a	G	14.1	0	Ú	•
MW+6	33456	9-28-83	KOHE	.	. 6	0	u	•	v
' HW-6	33056	1-25-84	Kitter	•	^		_	_	

TAULE- 3 CÖNTINUED

STROTHER F1 ELO		·						•	
HON! TORING	STATE								•
WELLS	10	DATE	SAMPLED	CARBON TETRA		1,2-DICHLORO	TRANS 1,3-0		
*******			BY	CHLORIDE	BROMOHETHANE	PROPANE	CHLOROPROPEN		
				********	*********	********	**********	E ETHYLENE	BENZEHE
MW - 1	33051	9-22-83	KDHE	•					*****
MM-1	33851	1-24-84	KOHE	. •	0	0	0	•	0
			NONE	•	0	9	0	ā	Š
MW-2	33052	9+23+83	KDHE	a	•	_		•	•
MW-2	33052	1-6-84	KOHE	0	•	9	9	•	1.3
MW-2	33052	1-25-84	KOHE	ă	•	0	8	•	ø
MW-3				_	•	C	•	.5	1.1
MH-3	3305)	9-23-83	KDIIE	9	a	•			
HH-3	33053	9-23-83	GE	0	ě	ů ů	0	9	9
*****	33053	1-23-84	KDHE	0	g	å	•	0	•
MW-4	33454	4 22 42		_		•	¥	9	g
MW-4	33954	9-27-83 18-7-83	KDHE	0	•	6	•	205	•
MH - 4	33054	19-7-83	KDHE	0	g		ā	167	•
HW-4	33054	1-24-84	GE	9	2	9	ō	9	0
			KOHE	U	9	0	0	78.6	•
HW-S	33455	9-23-83	KOHE	O					•
MW-5	33055	10-6-83	KDILE	a	•	9	•	33.6	a
MY-5	33055	10-6-83	GE	0	•	y	•	32.3	ű
MW-5	33055	1-23-84	KDITE	o.	0	U	0	•	ŏ
			WDII C	•	O	¥	¥	301	0
HW - 6	33056	9-28-83	KDHE	0	a		_		
11H-6	33056	1-25-84	KDIIE	0	•	•	•	. 6	•
STROTHER				· ·	•	•	0	•	•
F1 E1.D									
MONITORING	STATE								
WELLS	10	0.00	SAMPLED	CHLORODI	CIS 1,3-D1	1,1,:-TRI		1,1,2,2-TETRA	
*******	****	DATE	BY.	BROHOMETHANE	CIILOROPHOPENE	CHLORGETHANE	BROMOFORM	CHLOROETHANE	ETHYLENC
				*******			*******	**********	200000000
WM F I	33051	9-22-83	KOHE	۵	•	:			
MM-1	33051	1-24-84	KDHE	å	e e	Ç'	•	•	•
				•		0	0	0	9
MH - 2	33052	9-23-83	KDHE		٥				
• HH-2	33052	1-6-84	KDHE	a	a	•	•	•	0
MH = 2	3 30 5 2	1-25-84	KOHE	9	Q	9	•	•	•
MH-3	1 245 5				•		•	•	0
MW~)	33053	9-23-83	KDHE	0	a	a	_		
MW-3	3 3 0 5 3 3 3 0 5 3	9-23-83	GE	0	ğ ·	ā	V A	9	•
* * * * *	,,,,,	1-23-84	KDHE	0	•			•	0
MH - 4	33054	9-27-83		_			•	U	0
HW-4	33054	18-7-83	KOHE	0	• ·	()	•	•	•
MW-4	33954	19+7-63	KOIIE	9	a .	á	•	•	•
MW-4	33054	1-24-04	GE	8	0	•	Ĭ	į	v
		1-14-04	KDHE	O	9		. •	Ĭ	-
MWFS	33055	9-23-83	KDHE	et	_		-	-	•
MW-5	33055	10-6-03	KOILE	4	9	•	•	•	ø
MW - 5	3 3 0 5 5	10-6-83	CΕ	ā	•	0	•	•	•
HH-5	33055	1-23-84	KOHE	ū	•	9	•	•	0
				-	•	O	0	9	•
ми-6 ми-б	33056	9-28-03	KDUE	ų .	u	4		_	
ITTEU	33456	1-25-04	KDHE	•	a	u	0	0	U

STROTHER • F1 ELD									
MONITORING			•			•			
WELLS	STATE		SAMPLED		CIILORO				
*****	10	DATE	BY	TOLUENE	BENZENE	ETHYL			
					*****	DENZENE			
MW-1	33051	9+22-83							
HW-1	33051	1-24-84	KDIIE	0	0	9			
		1-21-04	KDII£	0	•	•			
MW-2	33052	9+23-83	KDIIE	Q	_				
MW-2	33052	1-6-84	KOHE		9	9			
HM - 2	33952	1-25-84	KOHE	8	9	•			
HW-3				•	0	•	•		
MH-3	33053	9-23-83	KOHE	g		_			
MM+3 ->	33053	9-23-83	GE	ē		•			
	33053	1-23-84	KDIIE	9	· ·	, 0			
H+1 → 4	33054				•	•			
HW-4	33054	9-27-83	KDHE	•	•	0			
HW-4	33054	19+7-83	KDILE .	. 0	. 6	0			
HH+4	33054	10-7-03 1-24-04	GE	0	•	Ö			
		1-21-01	KDHE	0	. 6	0			
MW-5	33855	9-23-83	KDHE	0	_	,			
HW-S	33055	19-6-83	KDHE	a	•	•			
MH-5	33055	10-6-83	GE	9	9	Ų			
MW-S	33055	1-23-84	KUILE	ā	9	9			
hat 1 - 2				•	•	9			
MH-6	33456	9-28-83	KOHE	¥	3.1	a			
114-0	33056	1-25+84	KOHE	9	. 8	. 0			
GENERAL					• •	•			
ELECTRIC									
MONITORING	STATE		£440100	TOTAL					
WELLS	10	DATE	SAMPLED By	VOLATILE	HETHYL	HETHYL	VINYL	CIILORO	*******
*******	• • • • •	****	*****	ORGANICS	CHLORIDE	BROHIDE	CHLORIDE	ETHANE	METHYLENE CHLORIDE
					******		••••••		
DM-1	33011	6/1/83	KDHE	1659.9		-			
*DM+1	33011	7/20/83	KDHE	535.9	Ö	9 · 0	. 0	0	2.1
DM-1)) 0 1 1	7/28/83	G€	9	ŏ	Ü	1.5	•	•
DH-2	33012	7 (20 (0)			•	v	•	•	0
	33012	7/28/83	KDHE	740.8	9	•			
DH-3	33013	7/28/83				_	•	•	. 8
	,,,,,	,,20,03	KDHE	272.5	•	oʻ	0	•	•
DH-4	33914	6/1/83	KDHE	222.4			-	•	•
DM - 4	33914	7/28/83	KDHE	273.8	•	•	•	•	•
DM+4	33014	7/28/83	GE	9 1 0	0	. 0	•	9	•
				•	• .	9	•	e e	č
DM-5	-	5/26/84	GH	ND	ND .	.i.			-
DH-6			-			ĤΩ	ON	но	HD
} Dri-9	•	5/26/84	GH	33	ND				
7 · DH-7	-	5/26/84	C++		_	ND	ND	ND	ND
j		-,,	GH	1,068	ND	ND	ND	ND	NO .
•									

TABLE > CONTIN	UED	•			•				
GENERAL ELECTHIC				TOTAL					
MON1 TORING	STATE		SAHPLED	VOLATILE	HETHYL	HETHYC	VINYL	Cutono	
WELLS	40	DATE	BY	ORGANICS	CHLORIDE	вкомтов	CHI.ORIUE	CHLORO	METHYLENE
*******	****	***		******		*****	******	ETHANE	CHI.ORIUE
` DH-8	-	5/26/84	GH	NO	HD	ND	NU	ND	HO
DM-9	4	5/26/84	GH	24	ND	ND	ND	ND	но
DH-19	. •	5/26/84	GH	1,455	ND	ND	NO	. NO	NO.
OH-11	•	5/26/84	GH	1,540	ND	ND	NO	ND	HD
DH-12		5/26/84	GH	3.6	ND	ND	ИD	IID	но
DM-13	-	5/26/84	GM	16,350	ND	HD	ND	110	ND
DH-14	'n	5/26/84	GH ,	13,945	Ои	ND .	ND	МО	ND
TRIP BLANK	•	5/26/84	GH	ND	NO	NO	NO	ND	ND
GENERAL Electric									
MONITORING	STATE		SAMPLED	1,1-DICHLORO	1,1-DICHLORO	TRANS-1,2-01	CHI.ORO	1,2+D1CHI.0R0	1,1,1-TR1
HELLS	10	DATE	BY	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHI.OROETHARE
*******	****	****	*****				*****	*********	*********
DH-1	33911	6/1/83	KDHE	289	22.7	273	21	1.7	244
DM-I	33911	7/28/83	KDIIE	92.5	8.7	74.9	8.1	. 8	89.4
DH-1	33011	7/28/83	GE	•	0	9	0	è	0
DH-2	33012	7/28/83	KDHE	67,.8	4.5	5/.5	1.5	. 6	70.1
. DH-1	33013	7/28/83	KOHE	20.9	3.9	14.6	23.1	U	26.5
DM-4	33914	6/1/83	KDIIE	9.5	. 6	51.2	2.2	•	16,6
DH-4	33014	7/28/83	KDIIE	5.1	1.1	2)	. 8	ŏ	5.0
DH-4	33014	7/28/83	GE	•	•	Ü	i Č	ŭ	
DH-5	.	5/26/84	, GH	но	ИО	ND	NO	HD	NO
• DH-6	-	5/26/84	GH	но	но	HO	но	нD	но
DH~7	•	5/26/84	GH	ИО	но	169	Ю	110	ND
DH-8	•	5/26/84	GH	МО	ND_	ND	но	ND	HD
DM+9	•	5/26/84	GM	ND	ND.	, ND	ND	ИО	ND
DM=18	•	5/26/84	GH	56	89	220	ND	ND	170
DM-11	٠	5/26/84	GH	29	22	150	HD	ND	69
0m-12	•	5/26/84	GH	ND	ND	ND	HO	ND	ND
DH-13	•	5/26/04	GH	290	110	230	NO	(IH	830 -

TABLE 3 CONTINUED

GENERAL ELECTRIC									
HONITORING	STATE		SAMPLED	CARBON TETRA	DICHLORO	1,2-DICHLORO	TRANS 1.3-DI	TRICHLORO	
WEILLS	10	DATE	DY	CHLORIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE		BENZENE
*******				**********	**********	*********	**********	*******	
DH-1	33011	6/1/83	KOHE	0	v	•	•	813 .	•
DH-1	33011	7/28/83	KDIIE	Q	9	8	Q	259	•
DM-1	33011	7/28/83	GE	9	0	9	0	9	9
DH~2	33012	7/28/83	KDHE	9	0	9	v .	527	9
DH~3	33013	7/28/83	KDIIE	Ø	0	9	0	144	0
DH-4	33014	6/1/83	KDIIE	•	1.5	0	9	177	9
DH-4	33014	7/28/83	KDII£	g	9	0	0	53.2	9
DH-(33014	7/20/03	GE	9	9	u	U	g	9
DM-5	•	5/26/84	GH	ИО	но	ИО	411)	110	но
DH-6	•	5/26/84	GH '	ИО	ND	UN	ND	33	HD
DH 7	•	5/26/84	GH	н0	ND	но	ND	880	(tD
DM-8	•	5/26/84	GH	ND	ND ·	ND	ND	ND	D
OH-9	-	5/26/84	GH	ND	ИD	ND	ND	24	·· ND
DM-10	•	5/26/84	CH	ND	ND	но	ND	760	160
DM-11	•	5/26/84	GH	нО	ND	М	ОМ	920	140
DH+12	.	5/26/84	GH	NO	ND	N)	NU	3.6	ND
DM-13	•	5/26/84	GM	NU	ND ;	ĸu	NO	15,000	ND
DH-14	•	5/26/84	GH	ND	ND .	Си	ND	13,000	ND
TRIP BLANK	•	5/26/84	GH	нD	нр	CiN	เกก	ND	ND
GENERAL									S i-
ELECTRIC									
HONITORING	STATE	0.00	SAMPLED	CHLORODI	C15 1,3-01	1,1,2-TRI		1,1,2,2-TETRA	
WELLS	10	DATE	0 Y	BROMONETHANE	CHLOROPROPENE	CHLOROSTHANS	BROMOFORM	CHLOROETHANE	ETHYLENE
OM-L	33911	6/1/83	KOHE	a	·	1.5	•	•	. 9
DM-1	33011	7/20/83	KDILE	g	•		•	9	. 6
0₩-1	33011	7/28/83	GE	0	ø	a.	•	0	9
DH = 2	33912	7/28/83	KOHE	9	•	. 6	. 0	•	10.4
DH-3	33013	7/28/83	KUHE	9	9	•	0	9	1.5
DMr4	33814	6/1/83	KOHE	2.3	•		1.7	e	12
1 DH-4	33014	7/28/83	KUITE	0	9	0	Ô	ě	2
DH⊬4	33814	7/28/83	GE	• .	•	U	•	•	9
DH-5	- 4	5/26/04	GH	ND	ND	ON	нD	ND	ND

and the

PH-17

1 ...

GENERAL ELECTRIC MONITONING	STATE	,	SAMPLED	CHLODO					
WELLS	10	DATE	BY	CHLORODI BROMOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI	BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORO ETHYLEHE
DH-6	•	5/26/84	GH	ИО	ND	ИО	טא	110	NO.
DH-6	٠	5/26/84	GH	ИО	МО	ND	ИО	ND	HD
DH+8		5/26/84	GH	ND	ND	ND	· NO	ND	ND
DH+9	•	5/26/84	GH	НD	ND	NO	HD .	ND	ND
DM-10	-	5/26/84	GM	ND	ND	ND	ND		NU
DM-11 (•	5/26/84	GM	ИО	ND	NO	NU	NU 	иО
/ DH-12	-	5/26/84	GM	ИО			NU	NO .	ND
DM-13	.	5/26/84	•		ND	ND	NO	HD	ND
		3/20/01	GH	ND	ND	ИО	HU	1110	ND
DM=14	•	5/26/84	GH	ИО	МО	ND	ND	แบ	110
TRIP BLANK	-	5/26/84	GH	ND	NO	ND	ND	***	
GENERAL ELECTRIC					-	5	WD	HO	HO
MONITORING	STATE		SAMPLED		CHLORO			•	
WELLS	10	DATE	8 Y	TOLUENE	BENZENE	ETHYL Benzene	XYLENES	ACETONE	•
DM-1	33011					•••••	*****		
DH-1	33011	6/1/83 7/28/83	KDHE	9	9	e e	NA	HA.	
OM-1	33911	7/28/83	KDHE	U	0	9	HA	NA NA	
		//20/03	GE	U	9	ŀ	NA	NA	
DM ~ 2	33012	7/28/8)	KDHE	9	o .	•	NA	NA	
DM 4 3	33013	7/28/83	KDHE	9	•	e	NA	на	
DH- 4	33014	6/1/83	KDHE	O	•	44			
DM-4	33014	7/28/83	KOHE	Ö	č	V a	HA	NA _	
DH- 4	33014	7/28/8)	Gε	0	ō	8. 8 -	HA HA	AN T	
DH-5	•	5/26/84	GH	ND	ND	ND	ND "	ND	
DH-6	•	5/26/84	GH	ИД	NO .	้พอ	ND	ND	
DM-7	-	5/26/84	GM	110	ND .	ND	ND	110	
DMr8		5/26/84	GH	ио	ND	. *,			
DH-9	•	5/26/84	GH	ND	ND	ND ND	MD	NO	
l DH-18	•	5/26/84	GM	NI)	ND		NO	ND	
DH-11	-	5/26/84	GH	1 10		NO	30 -	ND	
				1 / U ,	ND	8 0) 0 0	1,200	

40

TABLE & CONTINUED

GENERAL ELECTRIC MONITORING WELLS	STATE ID	DATE	SAMPLED By	TOLIIENE	CHLORO Benzene	ETHYI, Benzene	XYI.ENES	ACETONE
•	•	5/26/84	GH	ND	нD	ND	ND	
DH-14	•	5/26/84	GH	ND	ND	ND		טא
TRIP BLANK	-	5/26/84	GH	NI)			ND	HD
-				14()	140	NO	ND .	— u5

TABLE 3. PURGEABLE ORGANIC CHEMICAL CONTENT OF "AG" WATER SAMPLES

TEST BORINGS	STATE ID	DATE	SAMPLED By	TOTAL VOLATILE ORGANICS	METHYL CHLORIDE	METHYL Bromide	VINYL CHI.ORIDE	CHI.OPO ETHA:IE	METHYLENE CHLORIDE
AG-1-A	71912	19/20/83	KOHE	631.2	•	•		*****	*****
AC-2-A & B	71013	10/25/8)	KOHE	1.5		•	•	U	v
AC-J-A & B	71014	10/25/83	KDHE	4.2	0	0	U	U	•
AG~4-A & B	71915	19/26/83	KDIIE		•	0	U	U	U
AG-5-A & B	71016			10895	•	U	245	32.4	ø
AG-6-A		10/26/83	KDHE	76.3	9	•	9		a
•	71817	19/31/83	KDHE	0	o :	•	•	ú	-
AG + 7 - A	71918	11/7/8)	KOHE	1.0	: •		u		9
AG-8-A	71019	11/7/83	коне	9	•	-	•	v	9
AC - 8 - A	71019	11/7/83	GE	6 2	9	0	U a	9	U
C-9-A & B	71020	11/15/83	KDHE	9			•		9
G-9-A & B	71020	11/15/83	GE	100	0	e .	9	. U	0
G-19-A & B	71921	11/15/83	KOHE	601.1	•		-	_	0
All-A & B	71922	11/16/83	KDIIE	9	•	• :	v •		•
AG-12-A	71023	11/30/83	KDHE			-	•	¥	• .
AG-12-A	71423	11/30/83	GE	3892.7 19	•	o'.	44.2	•	0
AG-12-B. AG-12-B	71024	11/30/03	KDHE	1935.6	•		.	•	0
		11/30/83	GE	110	ě		23.4	9	9
-13-A 6 B	71025 71025	11/30/83	KOHE	90.8	•	•	-	•	, ·
	, 1 4 4 3	11/30/83	CE	100	ē	•	0	9	•

TABLE 3 CONTINUED

TEST BORINGS	STATE 10	DATE	SAMPLED By	CARBON TETRA CHLORIDE	DI CHLORO BROMOMETHANE	1,2-DICHLORD PROPANE	THANS 1,3-01 CHLOROPROPERE	TRICHLORO ETHYLENE	Benzene
AG-1+A	71012	19/29/83	KDIIE	g	•	u			*****
AG42-A & B	71013	10/25/83	коне	0	0	0	V	142	9
AG-3-A & B	71014	10/25/83	KOHE	0	•	9	•	1.5	9
AG-4-A & B	71915	19/26/83	KDHE	g	0	٥	•	2.2	9
AG-5-A & B	71916	19/26/83	KOHE	0	a	•	•	5320	2.9
AG+6-A	71917	10/31/83	Kone	•	a	•	v	38.7 ₄	9
WEAJ+K	71018	11/7/83	KDHE	0	•	a		0	U
AG-8-A	71019	11/7/83	KDHE	_	-	•	U	The state of the s	9
AG-8-A	71019	11/7/83	GE.	9	9	9	U	•	•
AC-9-A & B	71929	11/15/83			-	•	U	U .	•
AG - 9 - A & B	71020	11/15/83	KOHE	9	0	0	y	•	a
AG-19-A & B	71021	11/15/83	KOHE	0	ů	•	ę	9	0
AG-11-A & B	71022	11/16/83	KOHE	g	a ·	•		549	9
AG-12-A	71023	11/30/83			-	•	V	U	9
AG-124A	71023	11/30/83	GE GE	9 3	2.5	0	g 	1969	489
AG-12-B	71024	11/30/83			_	•	U	U	Ø
AG = 12 - B	71024	11/30/83	GE KDHE	0 0	1.6	u o	0	864	299
AG-13+A & B	71925	11/30/03	W 4 49	_		•	¥	U	0
AG-13-A & 8	71025	11/30/83	ge Ge	9 8	0	0	0	17	. 6

TABLE 3. CONTINUED

TEST BORINGS	STATE ID	DATE	SAMPLED . UY	1,1+DICHLORO ETHYLENE	1,1-DICHLORO	TRANS-1, 2-D1 CHLOROETHYLENE	CIILORO FOHM	1.2-DICHLORO ETHANE	1,1,1-TRI CHLOROETHANE
AG-1-A	71012	10/20/83	KOHE	40.6	. 5	66.7		*********	*********
AG-2-A & B	71913	10/25/83	коне	0	0	a. /	1	. 0	51.3
AG-3-A & B	71914	10/25/83	KDIFE	9	•	1.5	•	•	9
AG-4-A L B	71015	10/26/83	KDHE	196	3(1	3810	. 6	.5	y
AG-5-A & B	71016	10/26/83	KDIIE	0	2.7	31.5	. 6	1.1	946
AG-6-A	71917	10/31/03	KOHE	O	o	<u> </u>	. •	U	2.8
AG-7-A	71018	11/7/83	KDHE	. 8	Ü	9		•	v
AG-8-A AG-8-A	71919 71919	11/7/83 11/7/63	KOHE GE,	9	0	0	9	•	. 4
AG-9-A & B AG-9-A & B	71020 71020	11/15/83 11/15/83	KOHE	0	g 0	U a	_		0 e
AG-18-A & B	71021	11/15/83	KOHE	•	0	52.1	•	9	0
AG-11-A & B	71022	11/16/83	KOHE	0	U	· ·	•	•	•
AG-12-A . AG-12-A	71023 71023	11/30/03	GE KDHE	212	64.9	172 g	. 8	1,3	u 347
AG-12-B AG-12-B	71 92 4 71 92 4	11/30/83 11/30/83	KOHE GE	127	38.4 0	194	i ¹	å ⁰	183
AG-13-A & B	71025 71025	11/30/83 11/30/83	KDHE	4 . 8	8 . 1 0 :	10.3	0	•	14.9

TEST	STATE		SAMPLED		CIII.ORO	ETHY!,
BORINGS	10	DATE	BA	TOLUENE	BENZENE	BENZENE
		****			*****	******
AG-1-A	71912	10/20/83	kone	•	Q	•
AG-2-A & B	71013	10/25/83	KDHE	9	9	9
AG-3-A & B	71914	19/25/83	KDHE	9	0	ü
AG-4-A & B	71915	10/26/83	KOHE	G	ų .	9
AG-5-A & B	71016	10/26/83	KDIIE	g	9	9
AG-6-A	71017	14/31/83	KDHE	O	U	e
AG-7-A '	71018	11/7/83	KDITE	u	0	9
AG - B - A	71019	11/7/83	KOHE	Q	•	u
AG+8-A	71019	11/7/83	CE	0	O	ō
AG-9-A & B	71029	11/15/83	KDHE	0	0	u
AGF9-A & B	71029	11/15/83	CE	0	Ö	0
AG-19-A & B	71021	11/15/83	KOHE	0	•	ø
AG-11-A & B	71822	11/16/83	KDI!E	0	Q	ø
AG-12-A'	71023	11/30/83	KDHE	417	0	182
AG-12-A	71023	11/30/83	GE	g	Ō	0
AG-12+B	71824	11/30/83	KUILE	196	ø	1 0 <i>:</i>
AG-12-B	71824	11/39/83	GE	á	ğ	0
AG-13-A & B	71025	11/30/83	KDHE	0.5	0	
AG-13-A & B	71025	11/30/83	GE	jė j	o :	1.0

....

- 1

								→ •• •		
TEST BORINGS -	STATE ID	DATE	SAMPI.ED BY	CHLOROD1 BROHOMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI CHLOROETHANE	BROHOFORM	1,1,2,2-TETHA CHLOROETHANE	TETHACHLORO ETHYLENE	
AG-1-A	71012	19/29/83	KDHE	•	g	o			******	
AG-2-A & B	71013	19/25/83	KDITE	0	•			. 8	27.5	
AG-3-A & B	71014	19/25/83	KDILE	g	9	•	-	•	¥	
AG-4-A & B	71015	19/26/83	KDILE	a	a		· ·	9	Ü	
AG-5-A & B	71916	19/26/83	KDIIE	a	0		• .	•	•	
AG-6-A	71917	19/31/83	KDHE	a	•	•	9	•	0	
AG-7-A -/	71918	11/7/83	KDHE	9	e	9	•	•	•	
AG-8-A	71010				•	•	9	9	0	
AG-8-A	71019	11/7/83	KDILE	a		_				
NO-0-X	71019	11/7/83	GE ;	ō	0	0	•	0	a	
AG-9-A L B	21020				•	V	9	•	ē	
AG+9-A & D	71020	11/15/83	KOHE	a	_				•	
Maryan B	71020	11/15/83	GE	ğ	4	0	•	•	a ·	
VC-10-Y F B	71021	11/15/83	коне	0	•	•	•	9	ě .	
AG-11-A & B	71022	11/16/83	KOHE	u	g	•	0	•	•	
AG-12-A	71023	11 (20 (0)				•	•	•	U	
AG-12-A	71023	11/30/83	KDHE	ę.	a	_				
	/1423	11/30/83	GE	u	ě	•	0	•	Q	
AG-12-B	71924				_	•	0	•	Ü	
AG-12-B		11/30/83	KUHE	U		_		•		
	71024	11/30/83	GΕ	0	۵	0	9	g	a	
AG-13-A & B	71436			-	•	9	•	Ü	ū	
AG-13-A & B	71025	11/30/03	KOHE	a					•	
MONTON E B	71025	11/30/83	GΕ	۵	y .	9	9	e	u	
				•	y .	9 :	0	ē	4	

1

Table 2. Chemical Data for Strother Field Supply, KDHE, GE Monitoring Wells and Hackney Residential Supply Wells. (reported in micrograms per liter)

;

STROTHER									
FIELD				TOTAL					
SUPPLY	STATE		SAMPLED	VOLATILE	MFTILL			•	
MELLS	ID	DATE	BY	ORGANICS	METHYL	METHYL	VINYL	CHLORO	METHYLENE
********	****	1221	******	======= ovew1f2	CHLORIDE	BROMIDE	CHLORIDE	ethane	CHIORIDE
						======	=======	*****	*******
SFV-1	31001	8/1/82	USEPA	192			••		
SFW-1	31001	5/19/83	KDHE	730.8		••			
SF¥-1	31001	5/31/83	KDHE	2.6					• -
SF¥-1	31001	6/28/83	KDHE	713.3			••	-	٤.
SFW-1	31001	9/6/83	KDHE	704.2			5		
SFW-1	31001	1/23/84	KDHE	7.6					
SFW-1	31001	5/14/85	SLM				••		
SF#-1	31001	5/13/85	648						•
SF¥-1+	31001	6/13/85	6ŁM				•	••	
SFW-1	31001	7/9/95	SŁM						•-
SFN-14	31001	7/9/85	5&M						
SFW-1	31001	7/30/85	SŁM	••					•
									• .
SFW-2	31002	5/31/83	KDHE	1303.7					
SFW-2	31002	10/17/83	KDHE	1006				••	
SFN-2	31002	5/14/85	6łm	901				••	
SFW-2	31002	6/13/85	6ł#	551					
SFV-2	31002	7/9/85	6ł#	611					
SFN-2	31002	7/30/85	Sem	780				••	••
SFW-24	31002	7/30/85	6£M	560					••
PFU T	24442	•							
SFN-3	31903	9/1/82	USEPA	4.5					
SFW-3	31003	5/31/83	KDHE	7.9					••
SFW-3 SFW-3	31003	9/6/83	KDHE	4.7					
SFW-3	21003	12/22/83	KDHE	1969.6					1.3
SFM-3	31003	5/14/85	65H	618					
SFW-3	31003	6/13/85	SŁM	447				_	
SFW-J	31003 31003	7/9/95	6£H	481					
SFM-34	31003	7/30/85	6FW	475					
3/ W- J*	21002	8/1/85	5¥M	. 548					
SFW-4	71964	9/1/82	USEPA	167 7					
SFW-4	31004	5/1/82	KDHE	157.7			*-		
SFW-4	31004	5/31/83	KDHE	1046.7					
SFN-4	31004	11/21/83	KDHE	1060.5 1457.5					
SFW-4	31064	12/22/83	KDHE	1152.8			2.5		1.1
SFW-4	31004	1/23/84	KDHE	975.6					. ?
SFW-4	31004	2/20/84	KDHE	1396.5					
SER-1	31004	5/14/85	648	1995	••	•-	**		
SFN-4	21004	9/1/85	SEM	1700				••	
		3	•••	1.00					
SFY-S	21005	5/01/80	KDHE	645.7					
SFV-S	21005	5/14/85	Słm	1955					
SFW-5	31005	7/30/B5	Sim	1490			••		
				- · · · ·		-		••	
SFW-7	Z1007	4/27/83	KOHE	5				••	
SFW-7	31007	5/01/83	KOHE	6.1			!	••	••
554-7	31007	16/17/83	KDHE	4.2			: 		••
SEA-3	31007	5/14/85	Sam	25			•-		
SFW-7	21907	9/1/85	SLM	1194					

()

STROTHER									
FIELD				TOTAL					
SUPPLY	STATE		SAMPLED	VOLATILE	METHYL	HETHYL	AIKAT	CHLORO	METHYLENE
WELLS	10	DATE	BY	ORGANICS	CHLORIDE	PROMIDE	CHLORIDE	ETHANE	CHLORIDE
2222222	:::#	****	*******	2211111	********	222222	=======	=====	*******
SFW-8	31008	8/1/82	USEPA	220.1			••		
ĉi.A-8	31008	8/11/82	USEPA	326.7	**	-	**		
SF¥-8	31008	5/18/83	KDHE	5757.3					
SF¥-8	31008	5/31/83	KDHE	5449.8	**				
SFW-8	31008	6/28/83	KDHE	5917.6			1.2		
SFW-B	31008	9/6/83	KDHE	5338.4	••		1.4		
SFW-8	31008	10/7/83	KDHE	4809.8	••				
SFW-8	31008	10/17/83	KDHE	5129.6					
SFV-9	31008	11/21/83	KDHE	5809.4				-	19.9
SFW-B	3100B	12/22/83	KDHE	4858.5					
SFW-8	31008	1/23/84	KDHE	4079.5					
SFW-9	31008	2/20/84	KDHE	2553.3				 .	••
SF¥-8	31008	5/14/85	5 LH	2224				`	
SF¥-8	31008	7/30/85	SEM	1370	**	••		٠- ٠	
SE¶-9	31009	4/27/83	KDHE	34.8	**		••	* •	••
SFN-9	31009	5/31/83	KDHE	28.3					
SFN-9	31009	6/28/83	KDHE	3616.5	**		and the same		
SÈN-9	31009	10/7/B3	KDHE	1392					
SFN-9	31009	10/8/83	KDHE	449.6					
SFV-9	31009	12/22/83	KDHE	2797.2					
SFN-9	31009	1/23/84	KDHE	791.3					·
SFW-9	31009	5/14/B5	SEM	542					
SF¥-9	31009	7/30/85	6ŁM	1214				•-	

٠,

STROTHER						
FIELD	STATE		CAMOU ER		~	F91001
SUPPLY	• • • • • • • • • • • • • • • • • • • •	2177	SAMPLED	TO HEHE	CHLORO	ETHYL
RETTZ	ID	DATE	3 Y	TOLUENE	BENZENE	BENZENE
**********	:::::	3222	1211:	1217121	555555	******
SFN-1	31001	8/1/82	USEPA			
SF¥-1	31001	5/18/83	KDHE			••
SFW-1	31001	5/31/83	KDHE			**
SFW-1	31001	6/28/83	KDHE			
SFV-1	31001	9/6/83	KDHE			
SFW-1	31001	1/23/84	KDHE	••	••	
SFW-1	31001	5/14/85	6tm			
SFW-1	31001	6/13/85	SŁM			
SFW-1+	31001	6/13/85	6fW			
SFW-1	31001	7/9/85	SŁM			
SFW-19	31001	7/9/85	SŁM			
SFW-1	31001	7/30/85	64M		••	_
SFV-2	31002	5/31/83	KDHE			
SFH-2	31002	10/17/83	KDHE			
SFN-2	31002	5/14/85	6£M			_
SFN-2	31002	6/13/85	SER			
SFN-2	31002	7/9/85	Slm			
SFW-2	31002	7/30/85	6FW			
SFW-2*	31002	7/30/85	61M			
SFN-3	31003	8/1/82	USEPA			
SFW-3	31003	5/31/83	KDHE			
SFW-3	31003	9/6/83	KDHE			
SFW-3	31003	12/22/83	KDHE			••
efa-1	31003	5/14/85	SEM		••	
SFN-J	31003	6/13/85	64M			
SFW-3	31003	7/9/85	6¥R			
SFW-J	31003	7/30/85	SER			
SFW-3	31003	8/1/85	Sem	. ••		
SFW-4	31004	8/1/82	USEPA			
SFY-4	31004	5/18/83	KDHE			
SFW-4	31004	5/31/83	KDHE		_	
SFN-4	31004	11/21/83	KDHE			
SFY-4	31004	12/22/83	KDHE			
SFW-4	31004	1/23/84	KDHE			
SFII-4	31004	2/20/84	KDHE			
SFN-4	31004	5/14/85	5&M		• ••	
SFW-4	31004	8/1/85	SLM			••
25M_F	TLAME	E 174 187	KAUF			
SFN-5	31005	5/31/93	ef4 KDHE			
SFW-S SFW-S	31005 31005	5/14/85 7/20/85	5th			
37 # 7 3	2.302	1120183	∋en	-*		
SFV-7	71007	1157167	KDHE			
2FW-7	31007 31007	4/27/83 5/31/83	KDHE			
574-7 574-7	31007 31007	10/17/83	KDHE		••	••
SFW-7	31007 31907	5/14/85	KUME SEM		••	••
SFW-7	21907 21907	5/14/85 B/1/85	SEN SEM			
⊕	2:007	911197	0411			

6 2

STROTHER					-	
FIELD						
SUPPLY	STATE		SAMPLED		CHLDRD	ETHYL
WELLS	[D	DATE	87	TOLUENE	BENZENE	BENZENE
22722222	1222	2222	3112333	111111	222222	======
SFW-8	31008	8/1/82	USEPA			
SFW-8	31008	8/11/92	USEPA			
SFW-B	21008	5/18/83	KDHE			
SFW-B	31008	5/31/83	KDHE	••		
SFN-8	31008	6/28/83	KDHE			
SFN-B	31008	9/6/83	KDHE			
SFN-8	31008	10/7/83	KDHE			
SFW-B	31008	10/17/83	KDHE			
SFV-8	31008	11/21/83	KDHE			••
SFN-8	31008	12/22/83	KDHE			
SFN-8	31008	1/23/84	KDHE			
SFN-8	31008	2/20/84	KDHE	•-		
SFV-8	31008	5/14/85	SŁM			
SFW-B	21008	7/30/85	SEM			
SP y ≓Ý	31009	4/27/83	KDHE			
sęn-9	31009	5/31/83	KDHE			
SPN-9	31009	6/28/83	KDHE			
SFN-9	31009	10/7/83	KDHE			
5 €11-9	21009	10/8/83	KDHE			
SEN-6	31009	12/22/83	KDHE			
5 FN -9	31009	1/23/84	KDHE			
sev-9	31009	5/14/85	64M	+-	_	
SFN-9	31009	7/30/85	SŁM			

€ ≥

STROTHER									
FIELD									
SUPPLY	STATE		SAMPLED	1,1-DICHLORO	1,1-DICHLORD	TRANS-1,2-DI	CHLORD	1,2-DICHLORO	1,1,1-78)
WELLS	ID	DATE	BY	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLOROETHANE
***********	*****	1111	11:::::	*********	**********	**************	=====		==========

5F#-1	31001	9/1/82	USEPA	.5	.4	30			1.1
SF¥-1	31001	5/18/83	KDHE	3.7	3.6	124			5.5
3FW-1	31001	5/31/83	KDHE			0			
SFW-1	31001	6/28/83	KDHE	3.2	3.8	117		••	
SFW-1	3100!	9/6/83	KDHE	3.3	4.9	147		••	4.3
SFW-1	31001	1/23/84	KDHE		.4	1			8
SFW-1	31001	5/14/85	6£M					.9	
SFN-1	31001	6/13/85	6£M					••	
SFW-1+	31001	6/13/85	SLM		•=				**
SFW-1	31001	7/9/85	6ŁM			••			
SFW-!+	31001	7/9/85	SŁM						
SFW-1	31001	7/30/85	6£M	•-	••			••	
J. 2	••••		56 11				••		
SFN-2	31002	5/31/83	KDHE	7.3	1.9	135			
SFW-2	31002	10/17/83	KDHE			125			18.5
SFW-2	31002	5/14/85	6£H	11.3	3.6	138			19.1
SFW-2	31002	6/13/95		11		120			
5F¥-2	31002	7/9/85	eru 6fu	14	33	94			
SFN-2	31002		6fH	4		94			3
5FW-2*	31002	7/30/85	64M			160			
21.8-74	31002	7/30/85	EEM			120			
PFU 7	7400	244.00							
SFW-3	31003	9/1/82	USEPA			.3			••
SFW-3	31003	5/31/83	KDHE						
SFN-3	31003	9/6/B3	KDHE			.5			
SFW-3	31003	12/22/83	KDHE	83.7	5.3	222	61.7	1.2	203
SFW-J	31003	5/14/85	61M	12		93			
SFM-3	31002	6/13/85	6¥M	16	28	75			
SFW-3	21002	7/9/85	SŁM	5		69			3
SFW-3	31002	7/30/85	SLA	8		95			11
SFH-3+	31002	8/1/85	6£M	14		120			14
				•					
SF¥-4	31004	8/1/82	USEPA	1.8		17	2.2		4.3
SFN-4	31004	5/18/83	KDHE	77.9	3.5	25.9	8	. 4	120
SFW-4	31904	5/31/83	KDHE	68.9	3.5	29.1	10.4	.7	191
5FW-4	31004	11/21/83	KDHE	231	7.3	41.4	:3.9	. 9	171
SFN-4	31004	12/22/83	KDHE	91	4.9	30.2	12.9	.7	96.3
SFW-4	31004	1/23/84	KDHE	51.7	4.1	70.3	7.0	. 5	10.7
SFM-4	31004	2/20/84	KDHE	29	1.6	151	1.5	.7	150
SFW-4	31004	5/14/85	GŁM	49		200			:10
SFW-4	31004	9/1/85	61M	150		250		••	120
									1.0
SFN-S	01905	5/31/83	KOHE	7.4		8.1			
SFN-S	11005	5/14/85	St.	46		200			۰۰۰
SFW-S	31905	7/30/95	64#			350			14%
			J			33V			. • .
SF4-7	31007	4/27/83	KDHE			1			r
SFY-7	31967	5/31/83	KOHE			.9			.5
SFW-7	31007	10/17/83	KDHE				••	••	. 1
SF#-T	31907	5/14/85	SEM.	••		. ś			. 5
SFN-7	31907 31907	8/1/85	64M	á4			••		
⊒r #= /	11007	0/1/02	DEU	27	••	200			199

į

STROTHER									
FIELD									
SUPPLY	STATE		SAMPLED	1,1-DICHLORD	1,1-DICHLORD	TRANS-1,2-DI	CHLORD	1,2-DICHLORO	1,1,1-TRI
WELLS	ID	DATE	BY	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLOROETHA*E
251111111	25222	***	******	111111111111111111111111111111111111111	***********	1::::::::::::::::::::::::::::::::::::::	=====		
SF¥-8	31008	8/1/82	USEPA	1.5	.3	30	2.1		3.4
SFW-B	31008	8/11/82	USEPA	3		43	i		10
SFW-B	31008	5/18/83	KDHE	147	4.1	758	1.6	2	545
SFW-B	31008	5/31/83	KDHE	171	4.5	806	2	2.8	479
SFV-0	31008	5/28/83	KDHE	109	5.4	456	3.1	1.6	429
SFW-B	31008	9/6/83	KDHE	133	4.2	778	1.5	1.5	756
SFN-8	31008	10/7/83	KDHE	207	5.8	899			299
SFW-B	31008	10/17/83	KDHE	168	6.9	690	4.5	5. :	307
SFV-8	31008	11/21/83	KDHE	259	6.6	8 50		••	445
SFW-B	31008	12/22/83	KDHE	130	4.5	590		••	309
SFW-8	31008	1/23/84	KDHE	99.5		492		`	794
SFM-8	3100B	2/20/84	KDHE	71.3		317			275
SFN-8	31008	5/14/85	SŁM	54		230		'	130
SFM-8	31008	7/30/85	61M	60		180			90
55 H-9	31009	4/27/B3	KDHE	5.2 1.9		2.1"			16.5
SFN-9	31009	5/31/83	KDHE	1.9		£.7			1.7
S¥¥-9	31009	6/28/83	KDHE	10 3	4.1	126	3	1.6	30
S\$3-9	31009	10/7/83	KDHE	45.2		208		••	33 0 30 7
S F #-9	31009	10/8/83	KDHE	13.B	.7	19.9			2. 8
Sign-9	31009	12/22/83	KDHE	75		126 208 19. 9 111			80
SF31-9	31009	1/23/85	KDHE	18.1	.9	น์เร	F		5.4
SFN-9	31009	5/14/85	SAM	12		80			29
SFN-9	31009	7/30/85	SLM	52		200			29
Falen						77.			

:

(

5	TROTHER									
	FIELD									
	SUPPLY	STATE		SAMPLED	CARBON TETRA	DICHLORO	1 2-81091090	TRANS 1,3-DI	TRICHLORO	
	WELLS	ID	DATE	BY	CHLORIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE		BENSENE
2	=====	=====	****	*====		**********		CUCORDI KUI ENE	111111111	1222222
	SFY-1	31001	8/1/82	USEPA				•-	160	
	SFV-1	31001	5/18/83	KDHE					594	••
	SFV-1	31001	5/31/83	KDHE					2	
	SFY-1	31001	6/28/83	KDHE	••				585	••
	SFV-1	31001	9/6/83	KDHE				•-	536	••
	SFY-1	31001	1/23/84	KDHE					5.3	
	SFN-1	31001	5/14/85	54n						••
	SFV-1	31001	6/13/85	GLH						••
	SFY-1+	31001	6/13/85	6LM	,				••	
	SFV-1	31001	7/9/85	SLM						
	SFY-14	31001	7/9/85	6ŁM				••		
	SFW-1	31001	7/30/85	64H			••		4	••
	SFW-2	31002	5/31/83	KDHE					1150	
	SFV-2	31002	10/17/83	KDHE			••	••	934	
	SFW-2	31002	5/14/85	614					770	
	SFN-2	31002	6/13/85	Sim					410	
	SFW-2	31002	7/9/85	GEM					510	
	SFW-2	31002	7/30/85	5ŁM					520	
	SFY-2+	31002	7/30/85	SLM				•=	440	
	SFW-3	31003	8/1/82	USEPA					4.2	
	SFN-3	31003	5/31/83	KDHE				••	3.4	
	SFW-3	31003	9/6/83	KOHE					4.2	
	SFN-3	31003	12/22/83	KDHE	3.1	9.9			1260	,4
	SFW-3	31003	5/14/85	SLM					510	••
	SFW-3	31003	6/13/85	62M				•-	320	
	SFW-3	31003	7/9/85	6£M					400	••
	SFW-3	31003	7/30/85	64M					330	
	SFW-3+	31003	8/1/85	6LM					370	••
			2. 0. 20						<i></i>	
	SFW-4	31004	8/1/82	USEPA				••	100	
	SFH-4	31004	5/18/83	KDHE	.5				796	
	SFW-4	31004	5/31/83	KOHE		.7	·		823	
	SFN-4	31004	11/21/83	KDHE	1.2				977	
	SFW-4	31004	12/22/93	KDHE	1	.7			902	
	SFW-4	31004	1/25/84	KDHE	1.1			••	359	
	SFW-4	31004	2/20/B4	KDHE	.4		••		946	
	SFN-4	31004	5/14/85	SEM					1500	
	SFW-4	31004	8/1/85	6FW				••	1100	
		••••	0. 1. 03	••••						
	SFN-5	31005	5/31/83	KOHE	1.8				502	
	SFW-5	31005	5/14/85	654			'		1500	••
	SFW-5	71005	7/30/85	SEH					940	
				-					-	
	SF 4-7	31007	4/27/83	KDHE					3.5	
	5F4-7	E1007	5/31/93	KOHE					1.7	
	SFW-7	31007	10/17/93	KDHE						
	3FW-7	31007	5/14/85	644					 :5	
	SFW-7	31007	8/1/85	64H					146	••
	•		4							

. .1

STROTHER									
FIELD									
SUPPLY	STATE		SAMPLED	CARBON TETRA	DICHLORO	1,2-DICHLORO	TRANS 1,3-DI	TRICHLORG	
WELLS	19	DATE	BY	CHLDRIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE	ETHYLENE	BENZENE
2222222	****	1232	122221	*********	**********	*********	************	********	727222
SFN-8	31008	8/1/82	USEPA	••				180	
SF¥-8	31008	3/11/82	USEPA		**	••		260	••
SFN-8	31008	5/18/83	KDHE				••	3870	
5FH-8	31008	5/31/83	KDHE			1	*-	3520	. 9
SFW-8	31008	6/28/83	KDHE	.4	5			4319	.7
SFM-8	31008	9/6/83	KDHE					3720	. 9
SFN-B	31008	10/7/83	KDHE					3000	
SFW-8	31008	10/17/83	KDHE	••	*-			3670	
SFW-B	31008	11/21/83	KDHE					3880	•-
SFW-8	31008	12/22/83	KDHE					3550	
SFN-8	31008	1/23/84	KDHE		*-			2860 ·	
SF#-8	31008	2/20/84	KDHE					1740	
SFU-8	31008	5/14/85	614					1700	
SFN-9	3100B	7/30/85	654		••	••		9 50	
5 ¥-9	31009	4/27/93	KDHE		••		••	1 6	
9 4-9	31009	5/31/83	KDHE					1 9	
S 3 4-9	31009	6/28/83	KDHE	.4	.8			200	.5
	31009	10/7/83	KDHE					84	
S 2 4-9 S 24 -9	31009	10/8/83	KDHE		**			81	
SFIF-9	31009	12/22/83	KDHE			••		20	
SFI-9	31009	1/23/84	KDHE			••		#2L	
SFW-9	31009	5/14/85	61H		••			5 26 39 0	•-
SFN-9	31009	7/30/85	SŁM			••		60	

STROTHER									
FIELD									
SUPPLY	STATE		SAMPLED	CHLORODI					
WELLS	10	DATE	BY		CIS 1,3-DI	1,1,2-TRI		1,1,2,2-TETRA	TETRACHLOFT
********	****	2222	*******	DUNUNE I NAME	CHLOROPROPENE	CHLOROETHANE	BROMOFORM	CHLOROETHANE	ETHYLENE
					*======================================		********	=======================================	=======================================
SFW-1	31001	8/1/82	USEPA					•	
SFW-1	31001	5/18/83	KDHE	••				••	
5F¥-1	31001	5/31/83	KDHE						
SFW-1	31001	6/29/83	KDHE		••	••		**	
SF¥-1	31001	9/6/83	KDHE						••
SFW-1	31001	1/23/84	KDHE						
SF¥-1	31001	5/14/85	SEM						
SFW-1	31001	6/13/85	6ŁM				••		
SFW-10	31001	6/13/85	6£M						
SF¥-1	31001	7/9/85	5ŁM						**
SFN-14	31001	7/9/85	SŁA	••				••	••
SFW-1	31001	7/30/85	SŁM					-	
			44 17						••
SF¥-2	31002	5/31/83	KDHE		••		_		
SF¥-2	31002	10/17/83	KDHE				.7	· ·	
SFV-2	31002	5/14/85	6ŁH						
SF#-2	31002	6/13/85	6 Ł M	••					
5F¥-2	31002	7/9/85	6£M						
SFN-2	31002	7/30/85	6FN						
SFU-2+	31002	7/30/85	6FW						
			9411			**			
SFW-3	31003	8/1/82	USEPA						
SFW-3	31003	5/31/83	KDHE	.5					
SFW-3	31003	9/6/83	KDHE				4		
SFW-J	31003	12/22/83	KDHE	1.5		••		•-	
SFW-3	31003	5/14/85	SŁĦ				4.5		112
SFW-3	31003	6/13/85	64 <i>H</i>						13
5F#-3	31003	7/9/85	64M				ê		
SFW-3	31003	7/30/85	6LM	9					4
SFN-3+	31003	8/1/85	6 2 H	11			19		:
				. * 4			13		4
SFW-4	31004	8/1/82	USEPA						
SF¥-4	31004	5/18/83	KDHE	.9	••				2.4
SFW-4	31004	5/31/83	KDHE	2		.5	9	••	14.9
SFW-4	31004	11/21/83	KDHE		••		7.1		13.6
SFU-4	31004	12/22/83	KDHE						14.2
SFW-4	31004	1/23/84	KDHE						10.5
SF¥-4	31004	2/20/84	KDHE	1	••				:9. á
SFW-4	31004	5/14/85	6£M	•	*••		9.5		107
SFW-4	31004	8/1/85	6£M				30 		97
									90
SFN-5	31005	5/31/83	KDHE				••		
SFN-S	31005	5/14/85	64M						12.7
SFW-5	31005	7/30/85	52M				26	•-	97
									έÛ
SFW-7	31007	4/27/83	KOHE						
SFe-7	31007	5/31/83	KDHE			••			
SF¥-7	31007	10/17/83	KOHE				••		
SFN-7	31007	5/14/85	6FW		•-		••		•-
SFW-7	21907	8/1/85	6FN	2			77		
							••		tė

STROTHER									
FIELD									
SUPPLY	STATE		SAMPLED	CHLORODI	CIS 1,3-DI	1 1 9-701			
WELLS	ID	DATE	BY		CHLOROPROPENE	1,1,2-TRI	888487884	1,1,2,2-TETRA	
*********	2222	2222	======		********		BROMOFORM	CHLOROETHANE	ETHYLENE
							********	=======================================	
SFW-8	31008	8/1/82	USEPA		••		••		
SFW-B	31008	B/11/82	USEPA		••				2.8
SFW-0	31008	5/18/83	KOHE	ه.	••	1.3	6.7	•-	9.7
SFW-B	31008	5/31/83	KDHE			1.6		•-	421
SFV-8	31008	6/28/83	KDHE	12.6			 12 E		461
SFW-8	31008	9/6/83	KDHE	****		2.1	12.5		369
SFW-B	31008	10/7/83	KDHE				.7	1.2	340
SFV-8	31008	10/17/B3	KDHE	••		••			400
SF¥-8	31008	11/21/B3	KDHE						259
SFM-8	31008	12/22/83	KDHE						349
SFW-B	31008	1/23/84	KDHE			-			275
SFW-B	3100B	2/20/84							304
SFV-8	31008	5/14/85	KDHE					`	190
SF¥-8	31008		efw	*-				'	110
37 - 0	31008	7/30/85	6FH						90
5/1-9	31009	4/27/83	KDHE						g.~
SFN-9	31007	5/31/83	KDHE						A
5 11-9	31007	6/28/83			••		F		£ i
\$ y-9	31007		KDHE	3.5		.9	7.9 13.8		2 1
		10/7/83	KDHE				‡3 .8		23
\$F¥-9	31009	10/8/83	KDHE				្រិ3	••	望.4
7,1	31009	12/22/83	KDHE				8.2		23 23 24 274 28.6
\$F¥-9	31009	1/23/84	KDHE	. 9			9.9		32 . c
\$FV-9	31009	5/14/85	Sem						5.
SEH-9	31009	7/30/85	6£M				8		is.

.

Table 2. (Continued)

STROTHER									
FIELD				TOTAL					
MONITORING	STATE		SAMPLED	VOLATILE	METHYL	METHYL	VINYL	CHLORO	METHOD FAC
WELLS	ID	DATE	BY	DREAMICS	CHLORIDE	BROMIDE	CHLORIDE	ETHANE	METHYLENE
=======================================	=====	2222	******	******		======	*******	EINANE	CHLORIDE
PRI - 1	33051	9/22/83	KDHE						
f5W-1	33051	1/24/84	-FKDHE						••
MM-1	23051	\$/15/85	6 Ł M	6	_		·	••	
9¥-1+	33051	5/15/85	6fW						
Mi-1	33051	8/1/85	85H	••					
7N-10	33051	8/1/85	PFN						
MV-2	33052	9/23/83	KDHE	11.6					
MM-2	33052	1/6/84	KDHE	11.0			8.9		
MW-2	33052	1/25/84	KDHE -						
MM-2	33052	5/15/85	SFW -	<u>18</u> 3.7			1.7		
MW-2+	33052	5/15/85	6f4		-	••			
MW-2	33052	7/31/85	64M	••					
MW-2+	33052	7/31/85	64M						·
			••••			••			
MM-2	33053	9/23/83	KDHE						
ff14-3	33053	9/23/83	SE	90				••	••
HM-3	33053	1/23/84	KDHE			••			
MM-2	33053	5/16/85	6 % M						
MM-3	33053	7/31/85	6th						
							-		
例第一4	33054	9/27/83	KDHE	327.8					.7
MN-4	33054	10/7/83	KDHE	250.1					• *
NH-4	33054	10/7/83	6 E	420					
714-4	33054	1/24/84	KDHE	144.7			••		
MW-4	33054	5/16/85	6fW	818					
56-4	33054	8/1/85	Sim	718					
MW-S	77055	A (AT (AA							
ля-5 94-5	33055	9/23/83	KDHE	35.7					
24-5 MW-5	33055	10/6/83	KDHE	35.9					
#W-5	33055 33055	10/6/83	SE SE	218					
MW-S	33055	1/23/84	KDHE	395.1					
5W-5	33055	5/16/85 8/1/85	664	421					
3	13033	0/1/03	6fW	678					
NA-9	33056	9/29/83	KOHE	4.5		**			
MH-6	33056	1/25/84	KDHE	3.1				**	
MM-9	33056	5/15/85	6FW						
MW-5	33056	B/1/85	6£M	5		••			
MX-7	•	7/30/85	Sim		••				
WW_5		9.97.480							
MM-8	-	7/39/85	SEM						
MK-9	-	7/16:05	C+ =						
7. 44 /	_	7/30/95	61M						

- Table 2. (Continued)

STROTHER									
FIELD			PANDI CR	L. L. BICHLORG		TBANC-! 7-81	CHLORO		
MONITORING	STATE	8475	SAMPLED By		1,1-DICHLORO ETHANE	TRANS-1,2-01 CHLOROETHYLENE	FORM	1,2-DICHLORD ETHANE	
WELLS	ID	DATE	•	ETHYLENE		************	1 UKM 2 2 2 2 2 2 2		CHLOROETHANE
********	2222	****	******	,	31111111111	*************	******	11111111111	
MM-1	33051	9/22/83	KDHE			••	••	••	
MH-1	33051	1/24/84	KDHE	••				••	•-
#W-1	33051	5/15/B5	PFN						
95H-14	33051	5/15/85	efu				••	••	
MH-1	33051	8/1/85	648	••				••	
FM-1+	33051	8/1/85	6£M			••			
KW-2	33052	9/23/83	KDHE		.4	1			
MH-2	33052	1/6/84	KDHE					••	
MN-2	33052	1/25/84	KDHE			.6			
% -2	33052	5/15/85	6ŁM			••			
MH-2+	33052	5/15/85	efr					•• .	•
MH-2	33052	7/31/85	SLM						
M¥-2*	33052	7/31/85	6FH			••			
#H-3	33053	9/23/B3	KDHE		••				••
MH-3	33053	9/23/83	SE						
44-2	33053	1/23/84	KDHE			••			
MM-3	33053	5/16/85	SEM						
MW-3	33053	7/31/85	6£M					••	
#¥-4	23054	9/27/83	KDHE	24.7	.5	32.3	10.2	•-	54.4
754-4 764-4	33054	10/7/83	KDHE	9.4	.5 .5	39.6	15.2	••	17.3
48-1	33054	10/7/83	6E					••	
FIN - 4	33054	1/24/84	KDHE	13.6	.6	31.1	2	**	19.2
11W-4 MM-4	33054	5/16/85	64A			63	53		
MW-4	33054	8/1/85	648	85		110	5ò		37
#11 E	77055	0 /37 /07	VRUE			2.1	••		
MW-5	33055	9/23/83	KDHE			3.6			
#¥-5	33055	10/6/83	KDHE			7.0		••	
#H-5	33055 33055	10/6/83 1/23/84	KDHE 6E			14.1			
MW-5 MW-5	33055	5/16/85	6f4			21		••	••
78-5	33055	8/1/85	64H			28		••	
無量一点	33056	9/28/93	KDHE		.6				
::- WP:	33056	1/25/84	KDHE		••	2.3		••	
##-A	33054	5/15/85	SEM						
##-5	33056	8/1/85	SEM	**	••				• •
Hii-7	-	7/30/85	SER						
##-8	-	7/30/85	SER						
MM-0	•	7/30/85	GLM			••			

,

Table 2. (Continued)

STROTHER									
FIELD								•	
MONITORING	STATE		SAMPLED	CARBON TETRA	DICHLORO	1.2-DICHLORO	TRANS 1,3-01	TRICHLORG	
MELLS	10	DATE	BY	CHLORIDE	BRONOMETHANE	PROPANE	CHLOROPROPENE		BENZENE
2222222	2222	====	*****					********	******
									•
96-1	33051	9/22/83	KDHE						
#M-1	33051	1/24/84	KDHE						
!%!-!	33051	5/15/85	efu					6	
194-1 +	33051	5/15/85	6FW						••
MM-1	33051	8/1/85	efw				••		
##-14	33051	8/1/85	SŁA			••			
11 14-2	33052	9/23/83	KDHE						1.7
111 -2	33052	1/6/84	KDHE	•-	••				
#W-2	33052	1/25/84	KDHE					.5	. 1.1
7W-2	33052	5/15/85	SEM						•
9W-2#	33052	5/15/85	Sen						• • • • • • • • • • • • • • • • • • • •
/N -2	33052	7/31/85	ELM						
MM-24	33052	7/31/85	65W						
MM-2	33053	9/23/83	KDHE						•
MM-3	33053	9/23/83	6E						
M-3	33053	1/23/84	KDHE						
MV-3	33053	5/16/85	68M						
MM-2	33053	7/31/85	6Ł#						
1914	33054	9/27/83	KDHE					205	
15M-4	33054	10/7/83	KDHE			••		167	
#¥-4	33054	10/7/93	SE						••
MH-4	33054	1/24/84	KDHE			**		78.6	
MH-4	33054	5/16/85	6LH					700	
##-4	33054	8/1/85	6£H					430	
#N-5	33055	9/23/83	KDHE		**	••		II.6	
#N-5	33055	10/6/83	KDHE			-		32.3	
MY-5	33055	10/6/83	6E						
MW-5	33055	1/23/84	KDHE					381	••
MW-5	33055	5/16/85	6£M					4 ú0	
114 -5	33055	8/1/85	6f4			•-		:50	
44-P	33056	9/28/83	KDHE					. \$	
44-7	22029	1/25/84	KDHE						
#N-6	33056	5/15/85	64M						
WA-P	33056	8/1/85	5M		••				
MH-7	-	7/30/85	64M					••	
: F-W:	•	7/30/95	Sim						
MM-9	-	7/30/85	648					••	

60

Table 7. (Continued)

STROTHER FIELD									
MONITORING	STATE		SAMPLED	CHLORODI	CIS 1,3-DI	1,1,2-TRI		1,1,2,2-TETRA	TETRACHLORE
WELLS	10	DATE	BY	BROMOMETHANE	CHLOROPROPENE		SROMOFORM	CHLOROETHANE	ETHYLENE
2222222	35225	3323	*****	*********	2222222222	**********	********	**********	
1W-1	33051	9/22/83	KDHE						••
:W-1	_33051	1/24/84	KDHE						
1W-1	33051	5/15/85	efu	•-				••	
7M-10	33051	5/15/85	efn						
#W-1	33051	8/1/85	6&M		••				
7M-14	33051	8/1/85	65W						
#W-2	33052	9/23/83	KDHE					••	
#W-2	33052	1/6/84	KDHE						
1%i-2	33052	1/25/84	KDHE					•• ,	
114-2	33052	5/15/85	61M				**		
MH-2+	33052	5/15/85	64M					••	
M-2	33052	7/31/85	5&M	••					
MI-2+	33052	7/31/85	efk						
#W-3	33053	9/23/83	KDHE						
194-3	23023	9/23/83	SE			••			
62-2	33053	1/23/84	KDHE						
MH-3	33053	5/16/85	6lh						
4H-2	33053	7/31/85	6&H					••	
MM-4	33054	9/27/83	KDHE						
9H-4	33054	10/7/83	KDHE					••	
164-4	33054	10/7/93	6E					•	
5월 - 4	33054	1/24/84	KDHE						
#W-4	33054	5/16/85	Słh					_	• •
1W-4	33054	9/1/85	6Ł#					••	
#W-5	33055	9/23/83	KDHE						
#N-5	33055	10/6/83	KDHE				*-		
#H-5	33055	10/6/83	6E						
f#-5	33055	1/23/84	KDHE					••	
MH-5	33055	5/16/85	6łm						
#H-5	22022	8/1/85	PFH	••				••	
9% - 6	33058	9/28/83	KDHE						
7¥-5	33056	1/25/84	KDHE						
MK-é	33056	5/16/85	62H					**	
MX-9	33056	8/1/85	efh		. ••	*-			5
MH-7	_	7/30/85	64M					••	
* *				•		•			
f#-8	-	7/30/85	SŁM						
-			- -						
₩-ô	-	7/30/85	S&H			••			

()

STROTHER						
FIELD						
MONITORING	STATE		SAMPLED		CHLORO	ETHYL
WELLS	10	DATE	BY	TOLUENE	BENZENE	BENZENE
*******	****	****	322222	******	1111111	122222
MH-1	33051	9/22/83	KDHE			
PM-1	33051	1/24/84	KDHE			
HM-1	33051	5/15/85	elm	••		•-
MM-1+	33051	5/15/85	efw		••	
99W-1	33051	8/1/85	6fH			
?%-1 €	33051	9/1/85	efy		**	••
MH-2	33052	9/23/83	KDHE	••		•-
MW-2	33052	1/6/84	KDHE			
MH-2	33052	1/25/84	KDHE		**	
MW-2	33052	5/15/85	6£#	**		
NV-24	33052	5/15/85	6ŁM			
MX-2	33052	7/31/85	6£M			
MH-2*	33052	7/31/85	6th			••
11- 2-	******	.,	96 11			
MM-2	33053	9/23/83	KDHE			
MW-3	33053	9/23/83	SE.			
MM-3	33053	1/23/84	KDHE			
MM-2	33053	5/16/85	6fW			
M-2	33053	7/31/85	SEM			
144-4	33054	9/27/83	KDHE			
MM-4	33054	10/7/83	KDHE		. 6	
15W-4	33054	10/7/83	6E			
5W-4	33054	1/24/84	KDHE		. 6	
MM-4	33054	5/16/85	6¥H	2		
MM-4	33054	9/1/85	6f4	••		
8¥-5	33055	9/23/83	KDHE	. 		
MW-5	33055	10/6/83	KDHE			•-
MW-5	33055	10/6/83	SE			
MN-5	33055	1/23/84	KDHE			
HW-5	33055	5/16/85	6LM			
MX-S	33055	9/1/85	SEN .		••	
					_	
7.W-6	33056	9/28/83	KOHE		3.1	
MW-6	33056	1/25/84	KDHE		. 8	
24-9	33054	5/15/85	H48			
##-5	33056	8/1/85	6LH			
#¥-?	-	7/30/85	6LM	••		
47-8	-	7/30/85	FLM		•-	
<u> 변동</u> -구	•	7/30/85	SŁM			

Table 2. (Continued)

GENERAL									
ELECTRIC				TOTAL					
MONITORING	STATE		SAMPLED	VOLATILE	METHYL	METHYL	VINYL	CHLSRO	METHYLENE
WELLS	[]	DATE	BY	ORGANICS	CHLORIDE	BROWLDE	CHLORIDE	ETHANE	CHLORISE
*******	:===	****	******	******		*******	*******	111111	*******
Dr:-1	33011	6/1/83	KDHE	1659.9					* .
DH-1	33011	7/28/83	KOHE	535.9			1.5		••
DH-1	33011	7/28/83	SE						
DM-1	33011	5/17/85	SŁM	719			*=		••
Dn-1	3301!	7/31/85	6FW	1002				••	
3 11 .		,,,,,,,	42						
SH-2	33012	7/28/83	KDHE	740.8	**		••		. •
Dn-3	33013	7/28/83	KDHE	272.5				••	••
•• •		4.4.407	44112					•	•
9 11-4	33014	6/1/63	KDHE	273.8	••				
DH-4	33014	7/28/83	KDHE	91			•-		
DH-4	33014	7/28/83	6E				••		
DA-5	-	5/26/84	6 £ M	••	•=				
		5/17/85							
₽#-5	-		eru	73				•-	*-
DH-5	-	7/31/85	644	26730					**
DM-5+	-	7/31/85	efu	29000	**			••	**
DM-6	_	5/26/84	6£M	33					
DH-6	_	5/17/85	6FW	11				••	••
DM-5	-	8/1/85	6FW	12				••	
DII 3		0/1/02	GEII	1.					
DM-7	•	5/26/84	SŁĦ	1060				••	. -
DM-7	_	5/17/85	6FW	1119	••			••	••
⊃n-?	_	8/1/85	6£M	712				••	••
311 .		0,1,03	V #11	7.12					
DM-8	-	5/26/84	SŁM			*-		••	
วส-9	_	5/17/85	64H			**			
DH-S+	_	5/17/85	6LM						
9n-9	-	8/1/85	6FW	22			••		
DM-2+	_	8/1/85	6£M						
20 64		0,1,03	gen.						
9 %~?	•	5/26/84	6ŁM	24					
D# - 2	-	5/16/95	6FN	25300					
55-9	-	8/1/85	ELM	17300					••
2., ,		0/1/03	oen.	17500					
26-10	-	5/26/94	6£M	1455				••	
G#-10	-	5/15/85	641	942				**	 •
DM-10	-	8/1/95	6£K	1195			19	lò	
		3.1.00	••••	••••				,,,	
DM-11	-	5/25/84	6£N	1540					
5#-11	-	5/15/85	6 % M	83		·			
Nu - :	-	9/1/85	6ŁM	125				••	
2··· ••				•					
DM-12	•	5/26/84	6£M	5.6		•-			
5#-12	-	5/15/85	SEM			•-	~-	••	
DM-12	•	7/30/85	6£M						
									<u> </u>
9M-13	-	5/25/84	BEM	16350				•	
D#-13	-	5/15/85	BEM	8399				••	

(

BENERAL									
ELECTRIC				TOTAL					
MONITORING	STATE		SAMPLED	VOLATILE	METHYL	METHYL	VINYL	באו נסס	MP *
WELLS	ID	DATE	BY	ORGANICS	CHLORIDE	BROMIDE	CHLORIDE	ENLORO	METHYLENE
*********	=====	====	******	******	*******	222222		ETHANE	CHLORIDE
							*******	******	=======
DH-14		5/26/84	SEM	13045					
Dff-14	-	5/15/85	6£M	7790				••	
DM-14+	-	5/15/85	SŁM					••	
SH-14	-	7/31/85	65H	7902					
DM-14+	-	7/31/85		13200					
4 11 1 1-		//31/03	ELM	14350				••	
DH-15	_	£ /1 £ /0 £							
DH-15		5/15/85	6FW	7172			300	όċ	
Nu-17	-	7/31/85	Słm	2960			. 150		
90 47									
DH-16	-	5/16/85	6th						·
DM-16+	-	5/16/85	6FW						
DM-16	-	B/1/85	6£K	••					
DM-16+	-	8/1/85	62H	••					
								*-	
DH-17	•	5/16/85	SŁM						
DM-17	-	7/30/85	6ªM						
			54 .						
DM-18	-	5/15/85	SEM	175					
DM-18	-	7/31/85	6£N	!35		•-			
J., 15		1131703	DEN	36					
DH-19	-	£ / 4 / 18 F							
DH-17		5/16/85	65K						
יים ער ביים	•	8/1/85	GŁM						
9= 34									
DH-20	-	5/16/85	84M	2					
DM-20	-	7/30/85	6fH						
DH-21	-	5/16/85	5łm						
DM-21	-	7/30/85	SŁM				•-	••	
								••	
DM-22	-	5/16/85	6£M	62		_			
DM-22	-	7/31/85	6£#	57					
				J,					**
DM-23	-	5/16/85	64H	**					
DM-23	_	7/31/85	6FH					•-	
J 20		,,,,,,,,,	UEN	••					••
0 8-34	•	E / 1 / 105	84 ×						
DM-24		5/16/85	6£M						
¥n4	•	7/31/85	6fW				••		
36 35		•							
2h-25	-	5/16/85	SEM						
DM-25	•	7/31/85	Słm	••				••	••
• • •									
DH-25	•	5/15/85	SEM						
DM-26	-	7/30/85	SEM					••	
								=	- -
38-27	-	5/16/95	6km	23			••		
28-27	-	8/1/85	Sim	9					**
		- 3. -		-				••	
35-28	-	5/15/85	Sim						
3#-28	-	7/30/85	54N						
- · · ·		7734703	DEN						🔪
作品につな	_	5/11/05	CLW	2383					•
			747	2300					

· ·

BENERAL									
ELECTRIC				TOTAL					
MENITORINS	STATE		SAMPLED	VOLATILE	HETHYL	METHYL	VINYL	CHI 000	#P.T #
WELLS	ID	DATE	BY	DREAMICS	CHLORIDE	BROMIDE	CHLORIDE	CHLORO ETHAKE	METHYLENE
11223121	*****	****	======	2122222	*******	I#22233	*******	ETTET:	GHLOR:DE
CHW-2	-	5/17/85	61M			••	••		
CHN-2	-	8/1/85	-GLH	••		••	••	•	
DHW-4	-	5/17/85	GŁM	2484				••	
CMM-44	-	5/17/85	SLM	2298		**			
EHV-4	-	9/1/85	SEM	1650		••			
CHH-44	-	8/1/85	PFN	2200		•-			••
THU-5	-	5/17/85	6£#	14400	**		••		
CMW-5	-	9/1/85	61H	50				-	
EMM-12	-	5/17/85	GŁM			••			
CMW-12	-	8/1/85	SEM	7	••				••
C#W-13	-	5/16/85	6LH	83					
CHW-13	-	9/1/85	SEM	521			•-		
CHW-14	-	5/16/85	6 1 M	2					
CMH-14	•	8/1/85	64M						••

ز

Mart	SENERAL									
									•	
### BY ETWINE FINALE CHANGE CHARGESTYLER FORM FAME CHARGESTYLER FAME CHARG		STATE								
					1,1-DICHLORO	1,1-DICHLORO	TRANS-1.2-DI	CHL DRD	1 7-91641.000	1 1 1 701
				BY	EINTLENE	ethane	CHLOROETHYLENE			
PM-1 33011 4/1/83 KINE 72.5 8.7 74.9 8.1 1.7 244	HIMITELL	****	2222	*******	**********	**********	***********			CHERKAE LHAME
### 33011 7729/83 KDME 92.5 8.7 74.9 8.1 3 99.4 ### 33011 7729/83 KDME 92.5 8.7 74.9 8.1 3 99.4 ### 33011 7729/83 KDME 92.0 19 290 -										**********
## 1 33011 7/28/83 EDME				KDHE	280	22.7	777	31		
## 1 33011 7/28/83 EEH 94 17 140 46 ## 1 33011 7/31/85 EEH 200 19 270 46 ## 270				KDHE	9 2.5					
DR-1 33011 5/17/85 SER 94 17 140 48 17 17 17 17 17 17 17 1			7/28/83	6E						99.4
DN-1 33011 7/31/85 648 200 19 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 72 290 290 290 290 290 290 290			5/17/85	648	94					
DM-2 33012 7/28/83 KDME 87.8 4.5 57.5 1.5 .5 70.1	9M-1	33011	7/31/85	6ŁM					••	48
DH-1						**	270			72
DR-3 33013 7/28/83 KDHE 78.9 3.9 44.6 23.1 26.5	DH-2	33012	7/28/93	KDHE	47 R	4 5				
DR-3 33013 7/28/83 KDHE 28.9 3.9 44.6 23.1 26.5 DR-4 33014 6/1/83 KDHE 9.5 18 50.2 2.2 16.5 DR-4 33014 7/28/83 KDHE 5.1 1.1 23 18 5.5 DR-4 33014 7/28/83 KDHE DR-5 - 5/26/84 SEM DR-5 - 5/17/85 SEM 4300 DR-5 - 7/31/85 SEM 4300 DR-5 - 7/31/85 SEM 4300 DR-6 - 5/17/85 SEM DR-7 - 5/17/85 SEM DR-8 - 5/17/85 SEM DR-7 - 5/17/85 SEM DR-7 - 5/17/85 SEM 9 1600 DR-7 - 5/17/85 SEM 24 8 2500 DR-8 - 5/17/85 SEM DR-8 - 5/17/85 SEM DR-8 - 5/17/85 SEM DR-8 - 5/17/85 SEM DR-9 - 5/18/84 SEM DR-10 - 5/26/84 SEM DR-10 - 5/15/85 SEM DR-11 - 5/15/85 SEM DR-12 - 5/15/85 SEM DR-11 - 5/15/85 SEM DR-12 - 5/15/85 SEM DR-13 - 5/15/85 SEM DR-14 - 5/15/85 SEM DR-15 - 5/15/85 SEM DR-16 - 5/15/85 SEM DR-17 - 5/15/85 SEM DR-18 - DR-19 -					0,,0	٠.٥	3/.3	1.5	.5	70.1
SH-4	DH-3	33013	7/28/83	rauc	20.0	• •				
374-4 33014 6/1/83 XME 9.5 .8 50.2 2.2 16.5 BM-4 33014 7/28/83 XME 5.1 1.1 23 .8 5.9 BM-5 - 5/28/84 BLM			*** 55. 55	KAIL	25.7	3.9	44.6	23.1	••	26.5
Min	29-4	33014	6/1/83	YRUE	0.5	_			•	
SM-4 33014 7/28/83 KOHE	DH-4							2.2	•• .	16. 4
DR-5						1.1	23	. 8		
DR-5 - 5/12/85 GLR 773 2190 24000 DR-5 - 7/31/85 GLR 630 73 2190 24000 DR-5 - 7/31/85 GLR 630 2190 24000 DR-5 - 7/31/85 GLR 2190 24000 DR-6 - 5/12/85 GLR		33014	// 20/03	KUME						
DM-5 - 5/17/85	84-S	_	E /3/ /0/	•						
DH-5 - 7/31/85 GER 630 - 7/31/85 GER 630 - 7/31/85 GER 630 - 7/31/85 GER					••				••	
DH-59 - 7/31/85 GEM							73			
9m-6 - 5/26/84 Sth 180 19m-7 - 5/26/84 Sth 180 19m-7 - 5/26/84 Sth 180 19m-7 - 5/17/85 Sth 9 180 19m-7 - 5/17/85 Sth 9 180 19m-7 - 8/17/85 Sth 9 180 19m-7 - 8/17/85 Sth 9 180 19m-8 5/17/85 Sth 9 180 19m-8 5/17/85 Sth 19m-8 5/17/85 Sth 19m-8 8/17/85 Sth 19m-8 8/17/85 Sth 19m-9 5/16/85 Sth 19m-10 5/16/85 Sth 19m-10 5/16/84 Sth 46 62 250 110 9m-10 5/16/85 Sth 46 61 110 340 110 110 110 110 110 110 110 110 110				6łm	630		-			
DM-6	DU-24	•	7/31/85	61H						
DM-6 - 5/17/85 SER - <t< td=""><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>29000</td></t<>	_									29000
DM-6 - S/17/85 GLM 180 190		-	5/26/84	64M						
9M-7 - 5/26/84 SLH 180 180 190 1		-	5/17/85	6ŁM	••				••	
9M-7 - \$/26/84	DM-6	-	8/1/85					*-		
DM-7 - 5/17/85 GLM 9 160 160 17 DM-8 - 5/17/85 GLM 24 8 250									••	
DH-7 - 5/17/85	9H-7	•	5/26/84	CLH						
DM-7 - 8/1/85 GLM 24 8 250	DH-7	•								
DH-B - 5/26/84 GLH	DH-7	-								
DM-8 - 5/17/85 G&M			0/1/63	DEN	24	8	250			
DM-8 - 5/17/85 G&M	BH-A	_	£/3//04	80.0						
3M-8+ - 5/17/85 GLM		_								
9M-8 - 8/1/85 6kH									••	
DM-80 - 8/1/85 GLM		-						••	_	
DM-9 - 5/26/84 6LH		•								
DM-9 - 5/16/85	Ful-64	•	8/1/85	efh						
DM-9 - 5/16/85 GLR										
9M-9 - 5/16/85 6kM <td></td> <td>-</td> <td></td> <td>efu</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		-		efu						
DH-10 - 5/26/84 SEM 56 89 220 170 SH-10 - 5/15/84 SEM 46 62 250 110 SH-10 - 8/1/85 GEM 66 110 340 110 SH-11 - 5/26/84 GEM 29 22 150 5/15/84 GEM 66 110 SH-11 - 5/15/84 GEM 5/15/84 GEM 13 5/15/85 GEM 13		-	5/16/85	64H						
DH-10 - 5/26/84 StH	9K-9	-	8/1/85	SŁM		**				
BN-10 - 5/15/84 SkH 46 62 250 110 BN-10 - B/1/85 GkH 66 110 340 110 BN-11 - 5/26/84 GkH 29 22 150 59 BN-11 - 5/15/84 GkH 59 BN-11 - 8/1/85 GkH 13 SH-12 - 5/26/84 GkH										
9H-10 - 5/15/84 SEH 46 62 250 110 9H-10 - 8/1/85 GEH 66 110 340 110 9H-11 - 5/26/84 GEH 29 22 150 5/15/85 GEH 66 5/15/85 GEH 66		-	5/26/84	6th	56	RQ	770			
9H-10 - 8/1/85 6&H 66 110 340 110 9H-11 - 5/26/84 6&H 29 22 150 59 9H-11 - 5/15/84 6&H 59 9H-11 - 8/1/85 6&H 13 9H-12 - 5/26/84 6&H 9H-12 - 5/15/85 6&H 2H-13 - 5/26/84 S&H 290 230 200	96-10	•	5/15/84							
98-11 - 5/26/84 6&N 29 22 150 5/9 98-11 - 5/15/84 6&N 13	9 11 -10	-								110
DH-11 - 5/15/84 StH 13 59 DH-11 - 8/1/85 GtH 13 15 DH-12 - 5/26/84 GtH 17 DH-12 - 5/15/85 GtH 17 DH-13 - 5/26/84 StH 290 230 DH-13 - 5/26/84 StH 290 230 DH-13 - 5/15/85 GtH 260 24				••••	00	110	540			1:0
DR-11 - 5/15/84 G&H	DH-11	-	5/74/84	Ctu	20					
9H-11 - 8/1/85 6kH 13 13	มีส-1!	-					150			59
5ff-12 - 5/26/84 6km										
5m-12 - 5/26/84 6km	•		0/1/03	PFU			13			••
0H-12 - 5/15/85 64H	Sec. 12	_	£ :3: :5:	•••						
98-12 - 5/15/85 648									••	
2ff-13 - 5/26/84 SkH 290 230 230 2ff-13 - 5/15/85 GkH 260 24										
2m-13 - 5/26/84 Sth 290 230 230 2m-13 - 5/15/85 Gtm 260 24	36-17	-	7/30/95	PFH						
	•									
				Słh	290		230			
6V 07A	2 8 -13	-	5/15/85	6FW	260	26				
										97A

.)

(1

GENERAL ELECTRIC									
MONITORING	STATE		SAMPLED	1.1-DICHLORO	1.1-DICHLORO	TRANS-1,2-DI	CHLORO	1,2-DICHLORO	1,1,1-791
WELLS	ID	DATE	37	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLORGETHANE
********	****	:225	******	•		***********	22222		**********
DM-14	-	5/26/84	efu					••	45
DH-14	. •	5/15/85	6£M	46		26			110
DM-14+	-	5/15/85	6£H	48		31			110
DM-14	•	7/31/85	Sem					••	
DM-144	•	7/31/85	61H	190					170
9A-15	-	5/15/85	SŁA	140	290	3300			•••
				70					Sov
DM-15	-	7/31/85	efu	70	130	2400	••	••	190
DM-16	-	5/16/85	61M						
DM-16+	•	5/16/85	6fW				•-		
DH-16	-	8/1/85	GLH					••	•`
DM-16#	•	8/1/85	6FW				•-		
Wi. 14-		0, 1, 03	Q.					•	
DH-17	-	5/16/85	Sła	••					
DH-17	-	7/30/85	efu						
3 10		£ 11£ 10£			•	•			
DM-18	-	5/15/85	SF4		9	37			
DM-18	•	7/31/85	efu			16			ė
DH-19	-	5/16/85	6ŁM						
DH-19	•	8/1/85	GŁM						
41. 1.		5, 1, 55	•••						
9H-20	•	5/16/85	Słm	••				**	
DH-20	-	7/30/85	Słm		*-				
D #-21	-	5/16/85	6FW						
DM-21	•	7/30/85	644					••	
DH-22	-	5/16/85	64M	• ••		39			••
DM-22	-	7/31/85	6fW			30			
,									
BH-23	-	5/16/85	efu				••		
DH-23	•	7/31/85	6£M						
BM-24	•	5/16/85	85K						
9H-24	•	7/31/85	EFW .		**	-		•-	••
3 H-25	-	5/16/95	6LM	/					
DH-25	•	7/31/85	644	**				••	
<i>ก</i> ม_77	•	:/31/53	₽€⊓						
SM-26	•	5/15/95	64#			••			
DM-26	-	7/30/95	SŁM						
V		.,,,,,	4411						
24-27	-	5/15/85	6FN	**			**		••
2#-27	-	8/1/95	SŁĦ						
ñm. 90		E / LE IAF	~1 ~						
9#-28	-	5/15/85	645	•-					
9#-2B	-	7/30/85	64M	••				••	••
9H-29	-	5/16/85	SLM	49	34	480		••	129 🛰
20727	-	71:0103	ben •••	47	3 9	480)

(+

GENERAL ELECTRIC									
MONITORING	STATE		SAMPLED	1,1-DICHLORO	1,1-DICHLORD	TRANS-1,2-DI	CHLORO	1,2-01CHL9RD	1,1,1-TRI
WELLS	ID	DATE	3 Y	ETHYLENE	ETHANE	CHLOROETHYLENE	FORM	ETHANE	CHLORDETHANE
32222232	12518	1111	255555	**********	**********	12:::::::::::::::::::::::::::::::::::::	######################################	1 22 05000000	***********
CMW-2	-	5/17/85	GLH	••		-		••	
CHV-2	•	8/1/85	654	••	••			-	
CHN-4	-	5/17/85	SLM	19	••	35			29
CM8-44	-	5/17/85	644	23	**	34		••	78
CHY-4	-	8/1/85	614						50
CHW-4+	-	8/1/85	SER		••			-	
CHN-5	-	5/17/85	6£M		270			_	14000
CHW-5	•	8/1/85	efu	•-				••	
CMM-12	-	5/17/85	6£H						
CMW-12	-	8/1/85	EFM		••	·-			·
CMM-13	-	5/16/85	6ŁK	15					26
C#W-13	-	8/1/85	SLM	94					200
CHN-14	-	5/16/85	6£H		••				
CMV-14	-	8/1/85	Sen					••	••

SENERAL ELECTRIC									
MONITORINE	STATE		SAMPLED	CARBON TETRA	DICHLORO	1.2-0109 080	TRAMS 1,3-D1	TRICHLORO	
₩ELLS	19	DATE	BY	CHLORIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE		BENZENE
*******	12222	2222	******		-		ESECUTOR NOT EAC		1111111
									•
DH-1	33011	6/1/83	KDHE					313	
D#-1	. 33011	7/28/83	KDHE					259	
DH-1	33011	7/28/83	6 E				~-		••
DH-1	33011	5/17/85	6FH					420	
DH-1	33011	7/31/85	6FH				+-	420	••
DH-2	33012	7/28/83	KDHE					5 27	••
DH-3	33013	7/28/83	KDHE		••	••		:44	
								•	
DH-4	33014	6/1/83	KDHE		1.5			177	
DH-4	33014	7/28/83	KDHE				**	53.2	
DH-4	33014	7/28/83	SE				~-	••	
DH-5	-	5/26/84	SEM						
DH-5	-	5/17/85	SEM				**		
9 4-5	-	7/31/85	6FW						
DH-5+	•	7/31/85	SEM	••					
DH-5	-	5/26/84	6th	••				33	••
DH-å	-	5/17/85	6ŁM					11	
DM-6	-	8/1/85	6ŁM					1:	:
								••	•
9K-7	-	5/26/84	6£M					980	••
DH-7	-	5/17/85	64M		••			950	••
DH-7	-	8/1/85	6£#					430	••
 .			• • • • • • • • • • • • • • • • • • • •					+50	
DM-8	•	5/26/84	64M						
DH-3	-	5/17/85	SŁM			-	~~		
DH-8+	-	5/17/85	GLM	·					
Dm-8	-	8/1/85	654		••				
DH-8+	-	8/1/85	SLH					_	
		2: 2: 22							
DH-9	-	5/26/84	SŁM			•-		24	
DH-9	-	5/16/85	6£M						1790
DH-9	•	8/1/85	SŁM					**	1190
		0.0700	•						
D H-10	•	5/26/84	SEN					-60	150
2 6-10	-	5/15/85	6£M	••				140	14
DH-10	-	8/1/85	6FH					350	0.
			-						
9H-11	-	5/25/84	6Ł#			•=		920	:40
DH-11	-	5/15/85	6£M					11	Ł
9#-11	-	9/1/85	6£M					13	3
· •			4411					••	-
DM-12	-	5/26/84	6£M					2.6	
CH-12	-	5/15/85	6£M						
DM-12	-	7/30/85	6f4					••	
w/1/ A m		********	4511						
DM-17	-	5/26/84	64M			••	•-	15000	••
DM-13	-	5/15/85	6FW					=500	, 🛰
		J. 1J. 6J	w=!!						•

28-29

5/16/85

S&M

SENERAL Lectric				•					
	****		54W64 55	04556W 55564					
ONITORING	STATE		SAMPLED	CARBON TETRA	DICHLORO		TRANS 1,3-DI	TRICHLORO	
WELLS	ID	DATE	BY	CHLORIDE	BRONOMETHAME	PROPANE	CHLOROPROPENE		BENZE
::::::::	2222	****	******	**********	**********	111111111111	************	*********	*****
DH-14	-	5/26/84	654	, 		•*		13000	
DH-14		5/15/85	SŁM					7600	8
DH-14#	-	5/15/85	SŁM					7700	11
DH-14	-	7/31/85	Słk			••		13000	
DH-144	-	7/31/85	654					14000	•-
DM-15	-	5/15/85	6ŁH	••	••	••		2400	2
DH-15	-	7/31/85	6£H	•-	••	••		90	2
DH-16	-	5/16/85	6FW						
DM-16+						••			
	-	5/16/85	SŁM	••					•
DM-16	-	8/1/85	6£#					-	
DH-164	-	8/1/85	61 4	••	•••			-	
DH-17	-	5/16/85	61M		••	••			
DM-17	-	7/30/85	614	••			••	*-	
DM-18	-	5/15/85	64M	••			••	83	
DM-18	-	7/31/85	Słh		••			11	
DH-19	-	5/16/85	6£#				••		
DH-19	-	8/1/85	EFN	••	••	••			
DM-20	-	5/16/85	6£#	••			~~	••	
9H-20	•	7/30/85	61H						
9n-2v		7730763	D€⊓			••			
DH-21	-	5/16/85	64M						
ያዘ-21	-	7/30/85	EFN		••				**
DH-22	-	5/16/85	545			••		23	
DH-22	-	7/31/85	efu	••		**		27	
DH-23	-	5/16/85	64#	••				••	••
DH-23	-	7/31/85	PFN						
DH-24	-	5/14/85	6 Ł M	••		••			
DH-24	-	7/31/85	PFN				•-	•-	
84 7E		F 44 1 15 F	61 H						
2H-25	•	5/16/85	6ŁM			••			
DM-25	-	7/31/85	efh				••		**
5H-26	-	5/15/85	San			•-	••		
D#-26	-	7/30/85	Sim				••	•-	
DH-27	-	5/15/95	GŁM		••			7	
₽H-27	-	2/1/85	6th					8	
au									
DH-28 DH-28	•	5/15/85	61M						
		7/30/85							

1700

;·

BENERAL LECTRIC									
MONITORINE	STATE		SAMPLED	CARBON TETRA	DICHLORD	1.2-DICHLORO	TRANS 1,3-DI	TRICHLORO	
WELLS	IĐ	DATE	BY	CHLORIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE	ETHYLENE	BENZENE
*********	1112	*===	******	***************************************	***************************************	:::::::::::::	:::::::::::::::::::::::::::::::::::::::	111111111	******
E##-2	-	5/17/85	6£M	•				••	
CMM-3	•	8/1/85	PFN	••	••	••	* =		
CHN-4	-	5/17/85	6th		••		* =	2400	1
CMW-4#	-	5/17/85	efu					2200	
CHV-4	-	9/1/85	68M					1600	
CIM-44	•	8/1/85	SFH		••		••	2200	
CMN-5	-	5/17/85	SŁM	••				130	
CMW-5	-	8/1/85	61M		••	••		50	·
CM-12	-	5/17/85	SEM						
CMM-12	-	8/1/85	efw				••	7	
EMN-13	-	5/16/85	64M				••	42	
EHM-13	-	8/1/85	6FN			••		220	•-
CYW-14	-	5/16/85	6fW	••				2	
CMU-14	_	0/1/05	StH						

5.

GENERAL LLECTRIC									
MONITORING	STATE		CAMPI ER	PIU BAAA					
WELLS	10	DATE	SAMPLED	CHLORODI	CIS 1,3-DI	1,1,2-TRI		1.1,2,2-TETRA	TETRACHLORG
=======================================	33533 1A	SEES ANIC	8 Y	BRUNUNE I MARE	CHLOROPROPENE	CHLOROETHANE	BROMOFORM	CHLOROETHANE	ETHYLENE
	••••	****	******	**********	***********	=======================================	*******	***********	*********
DH-1	33011	6/1/83	KDHE						
DH-1	33011	7/28/83	- KDHE	••		1.5		_	. 7
DM-1	33011	7/28/93	SE			.4			. 6
DH-1	33011	5/17/85	6fW	••					
DM-1	33011	7/31/85	6FN						
	33011	7731763	e en	••					
DM-2	33012	7/28/83	KDHE			. 6		••	10.4
DH-3	33013	7/28/83	KDHE		••				
		***	No.					. ••	1.5
DM-4	33014	6/1/83	KDHE	2.3			1.7	••	43
DM-4	33014	7/28/83	KDHE	••		**			:2
DH-4	33014	7/28/83	SE						2
DM-5	-	5/26/84	SŁM						
DM-5	-	5/17/85	6łm			_		••	
DM-5	-	7/31/85	6£M					••	
DH-5+	-	7/31/85	SŁM						
DM-5		£ 121 161							
DM-5	-	5/26/84	GEN .			-			
DM-6	-	5/17/85	84M	••					
ם-שע	-	8/1/85	6FW						
9H-7	-	5/26/84	SŁM	••	••				
DH-7	_	5/17/85	SEM						
DM-7	-	9/1/85	6&H						
		0,1,05	DEII				••		
DM-9	-	5/26/84	6ŁM						
9#-9	-	5/17/85	6FW						
DH-8+	-	5/17/85	61M						
DH-8	-	8/1/85	6ŁH		••				
DM-8+	-	8/1/85	6FH		••				22
			• =					••	••
DM-9	-	5/26/84	6ŁM						
DM-9	•	5/16/85	6£M						
DM-9	-	8/1/85	SŁM	••	••				
DH-10	_	5/26/84	6fW						
DM-10	_	5/15/85	64N	••					
DH-10	•	9/1/85							
3 10	_	871783	SFM		••			•-	
DM-11	-	5/25/84	6 Ł M	••		,	•-	_	
DM-11	•	5/15/85	6£M					••	
DH-11	-	9/1/85	SŁN					••	
. •		4.11.03	VE II						
DM-12	•	5/26/84	6th		••	••			
DH-12	-	5/15/85	SLM		**	••	••	••	
D5-12	-	7/30/85	SEM					••	
a									
9M-13	•	5/26/84	Słn						🛰
DM-13	-	5/15/95	64M	•-					•-

Table 2. (Continued)

SEXERAL									
_LECTRIC #IDNITORING	STATE		SAMPLED	CHLORODI	CIS 1,3-DI	1,1,2-TRI		1,1,2,2-TETRA	TETRACHLORO
MELLS	ID	DATE	BY	BROHOMETHANE	CHLOROPROPENE	CHLOROETHAME	PROMOFORM	CHLOROETHANE	ETHYLENE
========	*****	2222	23222£		*************	************	*********	:=:::::::::::::::::::::::::::::::::::::	**********
ØH-14	-	5/26/84	GLM					••	
DH-14	-	5/15/85	6th					••	
DM-14+	•	5/15/85	6FW						
DH-14	-	7/31/85	6FH	**				••	290
DN-144	-	7/31/85	6FH				••	••	
DM-15	•	5/15/85	efu					••	
DH-15	-	7/31/85	EFR						
DM-16	•	5/16/85	SŁM						<u>.</u>
DM-16#	-	5/16/85	M.sa					_	
DM-16	-	8/1/85	6FW						•
DM-164	-	8/1/85	SŁM					••	••
au 19		£ 14 1 10E	64 H				**		
DM-17	-	5/16/85	6£M		••	••			
DM-17	-	7/31/85	efw						
DM-18		5/15/85	644						
DM-18	-	7/31/85	6£M			••		••	
DM-19	-	5/16/85	6FW						
DM-19	-	8/1/85	GŁM			••			••
DH-20	-	5/16/85	SLM	2		••			••
Df1-20	-	7/30/85	Grm						
DH-21	-	5/16/85	GŁM					••	
DH-21		7/30/85	efu						
Vn- 21	-	1120183	gen						
DH-22	•	5/14/85	SEM						
DH-22	•	7/31/85	EFM					_	••
		2	•••						
DH-23	•	5/16/85	6FW			••			••
DM-23	-	7/31/85	efu					-	
DH-24	-	5/16/95	6£M					••	
DH-24	-	7/31/85	654						
DH-25	-	5/16/95	SŁM	••	••	••		••	
								**	
DH-25	-	7/31/85	6£M	*-					
DH-26	-	5/15/95	BŁM			'		••	
DH-26	-	7/30/95	81H					**	
DH-27	_	5/16/85	SŁĦ					••	
DH-27	-	9/1/85	94n						
<i>y</i> n-2?	-	3/:/03	o€n						
DM-28	-	5/15/85	6ŁM				••		
DK-28	-	7/30/85	614	••					\
f# 30		£ / 1 / 10°	C: =	=-				•-	
£4- jo	-	5/16/85	8fm				••	•-	

1

SEMERAL LLECTRIC MONITORINS MELLS	STATE ID	DATE	SAMPLED BY		CIS 1,3-DI CHLOROPROPENE		BROMOFORM	1,1,2,2-TETRA CHLOROETHANE	ETHYLENE
						**********	21111111	**********	**********
CMM-2	-	5/17/85	6FN						
EMI-2	-	9/1/85	SLM		••			••	
CHU-4	•	5/17/85	SŁM	••					
DRN-44	•	5/17/85	SŁM	~~	_		••		
DM-4	-	0/1/85	6FW						3
CMM-4+	•	8/1/85	6fH		••				
ENY-5	-	5/17/85	SŁM						
CMM-2	-	8/1/85	6FN						
C!W-12	-	5/17/85	6ŁM	••				•	
SMM-12	-	8/1/85	6FW						
CHN-13	-	5/16/85	6£M	••					
CMW-13	•	8/1/85	SEM	••	-	•-			7
CMM-14	•	5/16/85	GŁM						,
CHW-14	-	8/1/85	SŁM	,		-			

. .

SENERAL ELECTRIC								
MONITORING	STATE		SAMPLED		CHLORO	ETHYL		
MELLS	ID	DATE	BY	TOLUENE	BENZENE -	BENZENE	IYLENES	AFETONE
								ACETONE
*********	****	2222	111111	******	255222	======	*******	******
	77011		wa					
DH-1	33011	6/1/83	KDHE	••		-	NA	MA
DM-1	33011	7/28/83	KDHE				NA	NA
D H-1	33011	7/28/83	GE			••	NA	NA
DH-1	33011	5/17/85	efh	••		••		
DM-1	33011	7/31/85	Słm				**	
DH-2	33012	7/28/83	KDHE				NA	NA
	•••••	***************************************	~52				и.	7.7
DH-3	33013	7/28/83	KDHE	••	•=		NA	NA
3 11 3	23413	7720703	KANE				ner	AM
9 24 4	77011	4 44 407	Marie				***	
D9-4	33014	6/1/B3	KDHE				NA	WA
DM-4	33014	7/28/83	KOHE			**	AK	MA
DM-4	33014	7/28/83	SE			••	NA	NA
DH- 5	-	5/26/84	6łM					
DM-5	-	5/17/85	5lm	**				
DM-5	-	7/31/85	6£M				••	
BH-54	-	7/31/85	6ŁM				••	
 .		***************************************						
DM-6	-	5/26/84	64M					
BH-ò	-	5/17/85	SŁM					
						_		
DM-6	-	8/1/85	efh		••			
			_					
9H-7	-	5/26/84	6FM	••				
DH-7	-	5/17/85	Głm					*-
DH-7	•	8/1/85	6&H					
DM-B	-	5/26/84	SŁM					
DM-B	-	5/17/85	6ŁM	••				
2 %-9+	_	5/17/85	6FN	·			· ••	
9H-8	_	B/1/85	65W					-
	•							
DM-B+	-	8/1/85	6ŁM					
DM-6	-	5/26/84	efn					
0 11-9	-	5/16/85	efh	11000		1000	12000	
DM-9	•	8/1/85	6łn	6000		800	8600	
DM-10	-	5/26/84	SŁM				30	
9n-10	-	5/15/85	GŁM					
DM-10	•	8/1/85	6km				2	
4 14		0,1,05	u.				-	
DH-11	•	5/25/84	SŁM	130		30	300	1200
DH-11	-	5/15/85	6FW	27		11	30	
5M-11	-	8/1/85	Słm	13		14	4	65
9H-12	•	5/26/94	SŁM					
96-12	•	5/15/85	6&P.					
ōk-13	-	7/30/85	ELM			••		
- -								
2M-13	•	5/25/84	SŁM				•-	••
25-13	_	5/15/85	6LM					
4-1 1 4 4 -	-	37 137 03		- -	_		- -	

SENERAL ELECTRIC								
	PTATE		24M01 FB		C111 000	PT1111		
MONITORING	STATE		SAMPLED	78. 115115	CHLORO	ETHYL	****	
WELLS	10	DATE	BY	TOLUENE	BENZENE	BENZENE	XYLENES	ACETONE
322325253	22121	1211	*******	******	******	111111	=======================================	*******
Sm 14		F 101 101						
DM-14	-	5/26/84	efu.		-			
DH-14	-	5/15/85	6FN			**		
DH-144	•	5/15/85	SEM	2				
DH-14	-	7/31/85	efu					
DH-14+	-	7/31/85	efh	**				
DH-15	-	5/15/85	6FW	23		11	140	
DH-15	-	7/31/85	6lm			•-	20	
			_					
DM-16	-	5/16/85	64M					
DM-16#	-	5/16/85	64M					
DH-16	-	8/1/85	Słh					
DM-16+	-	8/1/85	efu					••
DM-17	-	5/16/85	6lh					
DH-17	-	7/30/85	654	••				-
9M-18	-	5/15/85	efu				6	
DM-18	-	7/31/85	efu					
DH-19	-	5/16/85	6fW					
DH-19	-	8/1/85	SŁM					
		3. 3. 33						
DH-20	-	5/16/85	64#					
D#-20	-	7/30/85	644					
2 24		,,,,,,,,,	52					
55-21	-	5/16/85	65W					
DH-21	-	7/30/B5	64M		*-			
3 2.		.,,,,,,,	•••					
DH-22	-	5/16/85	GŁM			••		
DH-22	-	7/31/85	614				**	
50 12 ,		7731703	oen.					
DH-23	•	5/16/85	61W					
DH-23	-	7/31/85	64A	••				
5u-52	_	1131103	De n					
5H-24	-	5/16/85	EFW					
DH-24	-	7/31/85	854 eev	••				
25-24	•	1131103	Den					
<u> 14-25</u>		E /41 /8E	C: H					
	•	5/16/85	64M					
DH-25	-	7/31/85	SłM			~-	**	
			•					
98-26	-	5/15/85	6fW					
DH-26	-	7/30/85	efu					
.			-					
TH-27	-	5/16/95	SŁĦ	16				
DK-27	-	8/1/85	efu					
2H-28	-	5/15/85	Sem					•-
DH-58	•	7/30/85	efh					
5M-29	-	5/16/85	6£M			••		• •
			•					

O

E##-14

8/1/85

SLM

SENERAL LLECTRIC								•
MONITORING	STATE		SAMPLED		CHLORO	ETHYL		
WELLS	ID	DATE	BY	TOLUENE	BENZENE	BENZENE	XYLENES	ACETONE
********	11322	#222	252222	222222	122223	******	******	1111111
CHN-2	-	5/17/85	SLH					_
CMW-2	-	8/1/85	SŁM		••	••		••
CMW-4	-	5/17/85	5ŁM	**				
CMM-4+	-	5/17/85	Słn	`			••	
CHH-4		8/1/85	EFW					
CMM-4+	-	8/1/85	6LR					••
CHY-5	-	5/17/65	6 Ł M					
CMW-5	-	8/1/85	64M					
EMV-12	-	5/17/85	GLM	••			••	
EMW-12	-	8/1/85	6FM		••			
EMM-13	-	5/16/85	SŁM					•-
CHW-13	-	B/1/85	efu					
CMW-14	-	5/16/85	6£M				••	

1)

CROWLEY									
EDUNTY									
FIRST				TOTAL					
MATER	STATE		SAMPLED	VOLATILE	METHYL	METHYL	VINYL	CHLORD	METHYLENE
DISTRICT 04	ID	DATE	BY	ORGANICS	CHLORIDE	BROMIDE	CHLORIDE	ETHANE	CHLORIDE
*********	****	2223	*****	*******	:11:3355	::::::	********	:::::	=======
RWD 06-1	51001	4/27/83	KDHE	4.8		••	••	-	••
RWD 96-1	51001	6/9/83	KDHE		-				
RWD \$6-1	51001	9/6/83	KDHE		• ••	-			
RWD #6-1	51001	1/23/84	KDHE					••	
RND 86-1	51001	7/30/85	PFN	••					
RMD 06-2	51002	6/9/83	KOHE		••		•-	••	
RWD 46-2	\$1002	7/19/83	KDHE					••	·
RWD 46-2	51002	7/29/83	KDHE				••	••	•
RND 86-2	51002	8/23/83	KDHE	6.2	-				•. ••
RMD 06-2	51002	9/6/83	KDHE					-	
RWD 86-2	51002	12/22/83	KDHE	.8					
RMD #6-2	51001	7/30/85	65N		••				
RWD 86-3	51003	4/27/83	KOHE		••	••		_	••
RMD 06-3	51003	6/9/83	KDHE						
RMD 86-3	51003	9/6/83	KDHE		==			••	
RMD 46-3	51003	11/21/83	KDHE					••	••
RMD #6-3	51001	7/30/85	SŁM						

:

C:

CROWLEY

COUNTY FIRST SAMPLED 1,1-DICHLORO 1,1-DICHLORO TRANS-1,2-DI WATER STATE CHLORO 1,2-DICHLORO 1,1,1-TR1 DISTRICT DA ID DATE 84 **ETHYLENE** ETHANE CHLOROETHYLENE FORM ETHANE CHLORGETHANE **** **** ***** 51001 4/27/83 KDHE RWD 86-1 KDHE RWD 86-1 51001 6/9/83 ----RMD 46-1 51001 9/6/83 KDHE ----SWD 86-1 KDHE 51001 1/23/84 RMD #6-1 51001 7/30/85 CLA ----RWD 86-2 51002 6/9/83 KDHE RMD #6-2 51002 7/19/83 KDHE RWD 86-2 51002 KDHE 7/28/83 ----•---RWD \$6-2 51002 8/23/83 KDHE --RMD #6-2 51002 9/6/83 KDHE --RMD 46-2 51002 12/22/83 KDHE ------RMD #6-2 51001 7/30/85 6£M --RWD 96-3 51003 KOHE 4/27/83 KDHE --RWD \$6-3 51003 6/9/83 --RWD #6-3 51003 KDHE 9/6/83 ----__ RWD 46-3 51003 KDHE 11/21/83 RMD 06-3 51001 7/30/85 GLM --

1

ERDVLEY COUNTY FIRST									
MATER	STATE		SAMPLED	CARBON TETRA	DICHLORO	1.2-DICHLORD	TRANS 1,3-DI	TRICHLORG	
DISTRICT 86	ID	DATE	BY	CHLORIDE	BROMOMETHANE	PROPANE	CHLOROPROPENE		BENZENE
*******	18122	2222	1833234	**********		***********	***********	::::::::	******
RWD 86-1	51001	4/27/83	KDHE	••				••	
RWD 86-1	51001	6/9/83	KDHE						
RWD 86-1	51001	9/6/83	KDHE						••
RWD 06-1	51001	1/23/84	KDHE						••
RMD 46-1	51001	7/30/85	6£M	••	••				••
RWD 96-2	51002	6/9/83	KDHE			••	••	••	
RWD #6-2	51002	7/19/83	KDHE						
RWD 85-2	51002	7/28/83	KDHE						
RND #6-2	51002	8/23/83	KDHE					·	••
RWD 86-2	51002	9/6/83	KDHE					 .	
RWD 86-2	51002	12/22/83	KDHE						••
RWD #6-2	51001	7/30/85	PFH					••	
RWD #6-3	51003	4/27/83	KDHE	••			••		
RWD 46-3	51003	6/9/83	KDHE						
RWD #6-3	51003	9/6/83	KDHE						
RWD 46-3	51003	11/21/83	KDHE	••	•-				

1

7/30/85

51001

GEM

. Table 2. (Continued)

CROWLEY COUNTY FIRST									
MATER	STATE		SAMPLED	CHLORODI	CIS 1,3-DI	1,1,2-TRI		1,1,2,2-TETRA	TETEARUI NEP
DISTRICT (DATE	BY		CHLOROPROPENE		BROMOFORM	CHLORGETHANE	ETHYLENE
21211111		****	1111111	\$222222222	121111111111	**********	*****	EFERTILIEE	
RWD 46-1	51001	4/27/83	KDHE	.9			3. o	••	
RWD 86-1	51001	6/9/83	KDHE		**				
RWD \$6-1	51001	9/6/83	KDHE						
RWD 86-1	51001	1/23/84	KDHE						
RMD 96-1	51001	7/30/85	PFM					••	
RWD \$6-2	51002	6/9/83	KDHE			••	••	•-	
RWD 86-2	51002	7/19/83	KDHE						
RWD #6-2	51002	7/28/83	KDHE						
RWD #6-2	51002	8/23/83	KDHE	1.1			5.1	`	
RWD #6-2	51002	9/6/B3	KDHE				••		
RWD #6-2	51002	12/22/83	KDHE	••			. 8		
RWD 06-2	51001	7/30/85	6¥M				••		
RWD 46-3	51003	4/27/83	KDHE		•-			••	
RWD 86-3	51003	6/9/83	KDHE						
RMD #6-3	51003	9/6/83	KDHE						
RWD 46-3	51003	11/21/83	KOHE						
RMD 46-3	51001	7/30/85	SŁM						

()

Table 2. (Continues)

ERGULEY						
EDUNTY						
FIRST						
WATER	STATE		SAMPLED		CHLORO	ETHYL
DISTRICT DA	ID	DATE	BY	TOLUENE	BENZENE	BENZENE
######################################	****	1111	222222	1000000	222222	225225
RWD 86-1	51001	4/27/83	KDHE			
RWD 86-1	51001	6/9/83	KDHE			
RMD 46-1	51001	9/6/93	KDHE			
RWD 86-1	51001	1/23/84	KDHE			
RMD 06-1	51001	7/30/85	efu			
RWD 86-2	51002	6/9/83	KDHE			
RWD 86-2	51002	7/19/83	KDHE			
RWD #6-2	51002	7/28/83	KDHE			
RWD 86-2	51002	0/23/83	KDHE		_	
RWD #6-2	51002	9/6/83	KDHE			
RWD #6-2	51002	12/22/83	KDHE		•-	
RMD #6-2	51001	7/30/85	654			
RWD #6-3	51003	4/27/83	KDHE			
RWD #6-3	51003	6/9/83	KDHE			
RWD 86-3	51003	9/6/83	KDHE			
RWD 86-3	51003	11/21/83	KDHE		-	
7-44 GMR	51001	7/30/85	61M		••	

į	HACKNEY _SIDENCES	STATE ID	DATE	SAMPLED BY		CIS 1,3-DI CHLOROPROPENE		BROMOFORK	1,1,2,2-TETRA CHLORGETHANE	ETHYLENE
	H-14	21010	6/1/83	KDHE		••				
	H-14	21010	6/28/83	KDHE						••
	H- 14	21010	11/21/83	KOHE	••			••		
	H-14	21010	12/22/83	KDHE					••	
	H-14	21010	1/23/84	KDHE			••	••		
	#- 14	21010	2/20/84	KDHE			••	••		••
	₩-14	21010	7/30/85	SFN			••	••	••	
	H-15	-	7/30/85	6£X						••
	FALK	21003	6/1/83	KDHE						
	FALK	21003	10/18/83	KDHE	••					
	FIELD SPRAYER	12050	10/25/83	KDHE					 •	••
			-4, 73, 83	N. JUTUL	.5					

Table 2. (Continued)

H-1 21001 6/7/83 KDHE	HACKNEY SIDENCES	STATE ID	DATE	SAMPLED BY	CHLORODI BRONDMETHANE	CIS 1,3-DI CHLOROPROPENE	1,1,2-TRI	BRONOFORM	1,1,2,2-TETRA CHLOROETHANE	TETRACHLORS ETHYLENE
H-1 21001 6/2/83 KBHE	2:327:223	2222	::::	******						
H-1 21001 8/2/95 66R										
H-2 21005				KDHE						
H-2 21005 1/37/83 CBME	H-1	21001	8/2/95	6¥H						••
H-2 21005 1/37/83 CBME		24445	/ /8 /87		_		_			
H-2 21005 1/24/84 KDME										
H-2 21005 7/30/85 64M										
H-3 21006 6/9/81 KDME										
H-3 21006 10/17/83 KDHE		21003	7750765	Q.C.I.						J
H-3 21006 10/17/83 KDME	H-3	21006	6/9/83	KOHE	••					
H-3 21006 7/30/85 GEH 5 H-4 21009 6/9/83 KDHE	H-3	21006	10/17/83	KDHE						
H-4 21009 6/9/83 KDHE	H-3	21006	1/24/84	KDHE			.4		••	1.4
H-9 21009 6/7/83 KDHE	H-3	21006	7/30/85	efm			**	•-	••	
H-9 21009 6/7/83 KDHE		2444								
H-5 21013 6/9/83 KDHE									••	
H-5 21013 6/28/83 KDHE	n-4	21009	1120/82	5&A	••				••	·
H-5 21013 6/28/83 KDHE	H-S	21013	6/9/83	KUME	**					
H-5 21013 7718/83 KDHE										
H-5 21013 10/17/83 KDHE										
H-5 21013 1/24/84 KDHE						••		••	_	
H-5 21013 7/30/85 6LR									••	
H-6 21015 6/28/83 KDHE										
H-6 21015 7/30/85 GEM				-						
H-7 21017 6/1/83 KDHE	H-6	21015	6/28/83	KDHE						
H-7 21017 10/17/83 KDHE	H-6	21015	7/30/85	efw						
H-7 21017 10/17/83 KDHE		_								
H-7 21017 7/30/85 S&H										
H-8 21018 6/9/83 KDHE										
H-8 21018 12/22/83 KDHE	H-7	21017	7/30/85	541				•-		
H-8 21018 12/22/83 KDHE	W-8	21019	4/0/03	KUME						
H-8 21018 7/30/85 GEN					•		••		••	
H-9 21019 6/1/83 KDHE					••					••
H-9 21019 6/9/83 KDHE	,			•••						
H-9 21019 6/9/83 KDHE	H-9	21019	6/1/83	KDHE						۵.
H-9 21019 1/23/84 KDHE	H-6	21019	6/9/83	KDHE	•=	••	••			
H-10 21020 5/1/93 KDHE	H-3	21019	10/17/83	KDHE						
H-10 21020 5/1/93 KDHE				KDHE					*-	
H-10 21020 10/17/83 KDHE H-10 21020 1/23/84 KDHE	H-7	21019	7/30/85	61H						••
H-10 21020 10/17/83 KDHE H-10 21020 1/23/84 KDHE	41.44	21422	4 44 483	Mane						
H-10 21020 1/23/84 KDHE										
H-10 21020 7/30/85 64H									*-	
H-11 21021 6/1/83 KDHE7 H-11 21021 10/17/83 KDHE4 H-11 21021 1/23/84 KDHE H-12 - 7/30/85 G4M										
H-1! 2102! 10/17/83 KDHE4 H-11 21021 1/23/84 KDHE	u_1Λ	11020	1120/82	bin		**			• ••	
H-1! 2102! 10/17/83 KDHE4 H-11 21021 1/23/84 KDHE	!!- 11	21021	6/1/83	KOHE	••			••	••	7
H-11 21021 1/23/84 KDHE										
H-12 - 7/30/85 64M										
		- 2 - - 2 •								
M-13 - 7/30/85 BEM	H-12	-	7/30/85	Blm						
H-13 - 7/30/85 GM										
	H-12	-	7/30/85	5LA	••				••	🔪

-Table 2. (Continued)

HACKNEY LISTURICES	STATE ID	Date	SAMPLED By	TOLUENE	CHLORO Benzene	ETHYL Benzene
*********	3222	222	======	******	******	
				******	3411212	******
H-1	21001	6/9/83	KDHE			
H-1	21001	8/2/85	SFW			
	2	0,2,00	en.			
H-2	21005	4/9/83	KDHE		••	
H-2	21005	10/17/83	KOHE			
H-2	21005	1/24/84	KDHE			
H-2	21005	7/30/85	6ŁM			••
H-3	21006	6/9/83	KDHE			
H-3	21006	10/17/83	KDHE			
H-3	21006	1/24/84	KDHE			
H-3	21006	7/30/85	SLM			
H-4	21009	6/9/83	KDHE			
H-4	21009	7/30/85	6ŁM			
H-5	21013	6/9/83	KDHE		-	
H-5	21013	P\3B\B3	KDHE			
H-5	21013	7/18/83	KDHE			
H-5	21013	10/17/83	KDHE			
H-5	21013	1/24/84	KDHE			
H-5	21013	7/30/85	ef k			
H-6	21015	6/28/83	KDHE			
H-6	21015	7/30/85	Sem			•-
H-7	21017	4 44 407	Kane			
n-7 H-7	21017 21017	6/1/83 10/17/83	KDHE KDHE			••
H-7	21017	7/30/85	6£H			**
n-7	21017	7730763	gen .			
H-8	21018	6/9/83	KDHE		1	
H-8	21018	12/22/83	KDHE		.9	
H-8	21018	7/30/85	SEM			••
•	2.010	,,,,,,,	94 1			
H-9	21019	6/1/83	KDHE			
H-9	21019	6/9/83	KDHE			
H-9	21019	10/17/83	KDHE			
H-9	21019	1/23/84	KDHE			
H-9	21019	7/30/85	6£M			
					•	
H-10	21020	6/1/83	KDHE		.9	
H-10	21029	10/17/83	KDHE		.6	
H-10	21020	1/23/84	KDHE		1.1	
H-10	21020	7/30/85	6ŁM			
H-11	21021	6/1/83	KDHE		.8	••
H-11	21021	10/17/83	KDHE	.9	1	
H-11	21021	1/23/84	KDHE		1.7	
H-12	-	7/30/85	6£M		**	
H-13	-	7/30/85	6£M			

Table 2. (Continued)

HACKNEY	STATE		SAMPLED		CHLORO	ETHYL
residences	ID	DATE	BY	TOLUENE	BENZENE	BENZENE
::::::::::::::::::::::::::::::::::::::	****	****	******	222222	222222	======
H-14	21010	6/1/83	KDHE		••	.
H-14	21010	6/28/83	KDHE			
H-14	21010	11/21/83	KDHE			
¥-14	21010	12/22/83	KDHE	.4		1.1
H-14	21010	1/23/84	KDHE			
H-14	21010	2/20/84	KDHE			
31-14	21010	7/30/85	SFW		••	••
H-15	•	7/30/85	6FN			••
FALK	21003	6/1/83	KDHE		••	
FALK	21003	10/18/83	KDHE		••	
FIELD SPRAYER	12050	10/25/83	KDHE			

Explanation:

H-1 - Jack Grant	H-6 - J.S. Bass	H-11 - Bill Plunkett
H-2 - Lee Jahnson - North	H-7 - Bob Campbell	H-12 - Winton Long
H-3 - Lee Johnson - Central	H-8 - Carolyn Woods	H-13 - Co-op/parking lot well
-4 - Mona Martin	H-9 - John Kelly, Jr.	H-14 - Co-op/new (supply)
#-5 - Lee Johnson - South	H-10 - David Kelly	H-15 - George Jordan -

^{# =} QA/QC replicate sample.

^{- =} non detectable

NA = Not Analyzed.

^{- =} not available

;

.Table 2. !Com	tinued!								
				TOTAL					
HAEKNEY	STATE		SAMPLED	VOLATILE	METHYL	METHYL	VINYL	CHLORD	METHATENE
EIDENCES	10	DATE	BY	ORGANICS	CHLORIDE	BROMIDE	CHLORIDE	ETHANE	EMECRIDE
2112111111	****	====	******	*******	*======	1111111	========	******	*******
#- 1	21001	6/9/83	KDHE		••	**	••		
#-1	21001	8/2/95	EFW	••					
21.7	21001	01.51.37	oen					••	•-
H −2	21005	6/9/83	KDHE	4.4					1.2
H-2	21005	10/17/83	KDHE	9.8					••
H-2	21005	1/24/84	KDHE	4.3					
11- 2	21005	7/30/85	6lh	3	••				
., •	9.001		V8115						
H-3	21006	6/9/83	KDHE				••		•-
H-3	21006	10/17/83	KDHE	••					
H-3	21006	1/24/84	KDHE	2.7	••		~-		••
H-2	21006	7/30/85	SLM	6		••			••
!!- 4	21009	6/9/83	KDHE	••	**		••		•
H-4	21009	7/30/85	6£M			••		••	
., .	2,00.		9 2						
H-5	21013	6/9/83	KDHE	28.3				••	
H-2	21013	6/28/83	KDHE	11.2					
H-5	21013	7/18/93	KDHE	26.6					
H-5	21013	10/17/83	KDHE	17.5					
H-5	21013	1/24/84	KDHE						
H-5	21013	7/30/85	Słm	3	••	••	-+		
** 1	24045	/ 188 183	Marie						
H-?	21015	6/29/83	KDHE						
H-7	21015	7/30/85	644	120	••	**	••		
H-7	21017	6/1/80	KDHE	1.7				••	
H-7	21017	10/17/93	KDHE	2.8					
H-7	21017	7/30/85	GŁM			**			
H-8	21018	6/9/83	KDHE	14					*-
H-8	21018	12/22/83	KDHE	13.6					
H-9	21018	7/30/85	Sin		••	••			
H-9	21019	6/1/83	KDHE	4					
¥−÷	21019	6/9/83	KDHE	4.3		No. of			
H-9	21019	10/17/83	KDHE	4.1		~-	**		
H-3	21019	1/23/84	KDHE	2.5		**		••	
₩-9	21019	7/30/85	GLM					••	
			25						
61-H	21020	6/1/83	KDHE	11.1				••	
H-10	21020	10/17/83	KDHE	9.3					
H-10	21020	1/23/84	KDHE	15.3				••	••
#- 19	21020	7/30/95	efu						••
H-1:	21021	6/1/83	KDHE	12.9		**			•-
n H-!1	21021	10/17/83	KDHE	14.2					
n-:1 #-11				9.9					
## 4 I	21021	1/23/84	KDHE	7.2		••	••	••	•-
H-12	-	7/30/85	SLM	3	•-		••		
,. <u>-</u>									
#-12	-	7/30/95	SŁM	53				••	🔪

')

				TOTAL					
HACKNEY .ESIDENCES	STATE ID	DATE	SAMPLED By	VOLATILE ORGANICS	METHYL CHLORIDE	METHYL Bromide	VINYL CHLORIDE	EHLORO ETHANE	METHYLENE CHLORIDE
**********	*****	====	******	2222222	=======	******	=======	=====	reference ruthwith
H-14	21010	6/1/B3	KDHE	••				_	
H-14	21010	6/28/83	KDHE	.6				*-	
H- 14	21010	11/21/83	KDHE	••					
H-14	21010	12/22/83	KDHE	1.5					
H-14	21010	1/23/84	KDHE		_			••	••
H-14	21019	2/20/84	KDHE	**					
H-14	21010	7/30/85	SLM	3			••	-	
H-15	-	7/30/B5	SŁM	5		••			
FALK	21003	6/1/83	KDHE		••			••	
FALK	21003	10/18/83	KDHE	••					
FIELD SPRAYER	12050	10/25/83	KDHE	1					·

 $|\{\xi_i\}|_{F}$

.ESIDE	NCES I	• • • • • • • • • • • • • • • • • • • •	SAMPLED BY	ETHYLENE	ETHANE	- TRANS-1,2-DI CHLOROETHYLENE	CHLORO Form	1,2-DICHLORO ETHANE	1.1.1-TEL CHLOPOETHAM
			*******	12222222222	7#255555555	***********	****	*********	==========
H-	1 2100	1 6/9/83	KDHE	••					
H-	1 2100		SEM						
								••	
H-:			KDHE			••		••	
H-:			KDHE	••				••	••
H-:			KDHE						
H-:	2 2100	5 7/30/85	ELM						
H-3	2100	6 6/9/83	YAUE						
H-3			KDHE Kdhe						••
H-3			KOHE			••			
H-3			6FW						
		337.00	•=						
H-4		9 6/9/83	KDHE				••	20	
H-4	2100	7/30/85	SEM						••
H-5			KDHE			••			••
H-5			KIME				••		••
H-5 H-5			KDHE						**
H-5	21013 21013		KDHE				.6	.7	
H-5	21013		KDHE						
3	21015	, ,,,,,,,	6tM				3		••
H-6	21015	6/29/83	KDHE						
H-6	21015		SEM						••
			••••						**
H-7	21017		KDHE			1.7			
H-7	21017		KDHE			2.3			
H-7	21017	7/30/85	6ŁM			••		••	
H-8	24348								
n-8	21019 21018	5/9/83 :2/22/27	KDHE			11.4			
H-8	21018	12/22/83 7/30/85	KDHE			11.1			••
5	11010	7730783	SLM			**	•-		
∺-9	21019	6/1/83	KDHE	••		•			
H-0	21919	6/9/23	KDHE			3		•-	
H-9	21019	10/17/83	KDHE			3 3. 2			
H−ö	21019	1/23/84	KDHE			2			••
H-3	21019	7/30/85	Słm			• ••			
H-10	21020	5/1/83	KDHE		••	6.6			
H-10	21020	10/17/83	KDHE			6.1			•• .
! - 10 - 10	21920	1/23/84	KOHE			9			
H-16	21020	7/30/85	6£M			 .			
4-11	21021	6/1/83	KDHE						
H-!!	21021	10/17/83	KDHE			1.2			
H-11	21021	1/23/84	KDHE			1.5			
		1. 25/64	WALL		••	2.6		.4	
H-12	-	7/30/85	SŁM	••	••		•		
H-!3							•		

* Table 2. (Continued)

HACKKEY AESIDENCES	STATE ID	DATE	SAMPLED BY	1,1-DICHLORO ETHYLENE	1,1-DICHLORO ETHANE	TRANS-1,2-DI CHLOROETHYLENE	CHLORO FORM	1,2-DICHLORO ETHANE	CHLOROETHANE
H-14	21010	6/1/83	KDHE	-	••				
H-14	21010	6/28/83	KDHE					**	
H-14	21010	11/21/83	KDHE					.5	
H −14	21010	12/22/83	KDHE			••			
H-14	21010	1/23/84	KDHE	••					
H-14	21010	2/20/84						**	
H-14	21010		KDHE						*-
	21010	7/30/85	6 L M	**			3		
H-15	•	7/30/85	6FW			-			••
FALK	21003	6/1/83	KOHE						
FALK	21003	10/18/83	_		•-				
		10, 19, 97	KDHE		**				•
FIELD SPRAYER	12050	10/25/83	KDHE				ς	•	

HACKNEY _SIDENCES	STATE ID	DATE	SAMPLED By	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE	1,2-DICHLORO PROPANE	TRAMS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZENE
*********	#####	1111	*****		***********		************	*********	******
!! -1	21001	6/9/83	KDHE	-+	••			**	* -
H-1	21001	8/2/85	6FW	••					
H-2	21005	6/9/83	KDHE				••	.9	••
H-2	21005	10/17/83	KDHE					2.5	
H-2	21005	1/24/84	KDHE					1.1	
H- 2	21005	7/30/85	SŁĦ	•• .	••				
H-3	21006	6/9/83	KDHE			**			
H-3	21006	10/17/83	KDHE	••					••
H-3	21006	1/24/84	KDHE	••				.9	
H-3	21006	7/30/85	SŁA					1	
									•
H-4	21009	6/9/83	KDHE						
H-4	21009	7/30/85	6£M						••
H-5	21013	6/9/83	KDHE	28.3	••	••			
H-5	21013	6/28/83	KDHE	11.2					
H-5	21013	7/18/83	KDHE	26.6					
H-5	21013	10/17/83	KDHE	16.2					
H-5	21013	1/24/84	KDHE	••					
H-5	21013	7/30/85	efu						
H-6	21015	6/28/83	KDHE			~		••	
H-9	21015	7/30/85	efu	120					
H- 7	21017	6/1/83	KDHE						
H-7	21017	10/17/83	KDHE					.5	
H-7	21017	7/30/85	6£M						
H-8	21018	6/9/83	KDHE				••	1.6	••
H-8	21018	12/22/83	KDHE					1.6	
H-9	21018	7/30/85	6LH	••					
H-9	21010	1.11.107	KDHE						
7-7 H-9	21019 21019	6/1/83 6/9/83	KDHE				••	. 4 . 9	
H-9	21017	10/17/83	KDHE					. 0	••
H-6	21019	1/23/84	KDHE					.5	
H-9	21019	7/30/85	SŁM		••				
					·				
H-10	21020	6/1/83	KDHE					3.5	
H-10	21020	10/17/83	KDHE					2.5	
H-10	21020	1/23/84	KDHE					2.3	
!!- 10	21020	7/30/85	efH				••		**
H-11	21021	6/1/83	KDHE					16.2	
#-11	21021	10/17/83	KDHE		••			9.9	. ċ
H-11	21021	1/23/84	KDHE					5.1	
			-						
H-12	-	7/30/85	6fH						
									•
H-13	-	7/30/85	6fW	53					

3

HACKNEY LSIDENCES	STATE ID	DATE	SAMPLED By	CARBON TETRA CHLORIDE	DICHLORO BROMOMETHANE		TRANS 1,3-DI CHLOROPROPENE	TRICHLORO ETHYLENE	BENZEYE ******
H-14	21010	6/1/83	KDHE		••				
H-14	21010	6/28/83	KDHE	••					
H-14	21010	11/21/83	KDHE						•-
H-14	21010	12/22/83	KDHE			••		-	
H-14	21010	1/23/84	KDHE						
H-14	21010	2/20/84	KDHE						
H-14	21010	7/30/85	SER			•		••	••
	11414	7730763	atn	•-		••	 ,		
H- 15	•	7/30/85	PFN	••	•			5	
FALK	21003	6/1/83	KDHE	••					
FALK	21003	10/18/83	KDHE						
			AVIIE	••					
FIELD SPRAYER	12050	10/25/83	KDHE	••					

Statistics for Wells at Strother Field

(.

CMW Wells:	MW Wells (cont.):	DM Wells (cont.):
CMW1A	MW7	DM5
CMW1B	MW7A	DM6
CMW2	MW8	DM7
CMW3A	MW8A	DM8
CMW3B	MW9	DM9
CMW4	MW9A	DM10
CMW5	MW9B	DM11
CMW6	MW10A	DM12
CMW7	MW11A	DM13
CMW8A	MW11B	DM14
CMW8B		DM15
CMW9	SFW Wells:	DM16
CMW10	SFW1	DM17
CMW11A	SFW2	DM18
CMW11B	SFW3	DM19
CMW12	SFW4	DM20
CMW13	SFW5	DM21
CMW14	SFW7	DM22
	SFW8	DM23
GGP Wells:	SFW9	DM24
GGP-1	SFW10	DM25
GGP-2	SFW11	DM26
GGP-3	SFW12	DM27
	SFW13	DM28
REM-1 Well		DM29
	RWD Wells:	DM30
MW Wells:	RWD1	DM31
MW1	RWD2	
MW1A	FWD3	No statistics for GT and
MW2		RI wells due to insufficient
MW2A	Residential Wells:	data.
MW3	CO-OP	
MW3A	JORD-HOUSE	
MW4	JORD-HYDRANT	
MW4A		
MW4B	DM Wells:	
MW5	DM1	
MW5A	DM2	
MW6	DM3	
MW6A	DM4	

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbor Tetra Chloric		1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		Methylene Chloride
WELL NO.:CMW1A												
Latest value					_							
09/11/91						ND	ND			ID 6	ND 11	ND 16
No. of observ.	1				6 0	16 0	16 0			0	,,	1
No. of detects Minimum	0.		-			0.0	0.0			.0	0.0	00
Maximum	0.					0.0	0.0		_	.0	0.0	12.0
Median	N				-	ND	ND			D	ND	ND
WELL NO.:CMW1B												
Latest value												
09/11/91						ND	ND			ID	ND 10	ND 16
No of observ.	1		6 10		8	16 0	16			0	.0	.0
No. of delects	0.			_	0	0.0	0.0		-	.0	0.0	٥٥
Minimum Maximum	0. D.					0.0	0.0			.0	0.0	00
Median	N.		-	-	Ö	ND	ND			iD	ND	ND
WELL NO.:CMW2												•
Latest value												
12/06/89	, N	-	וא סי		D	ND	ND			10		ND
No, of observ.	1	1 1	1 1	1 1	1	11	11			11	3	11
No. of detects		_		-	0	3	0			0	2	0
Minmum	Q.		.0 0.		.0	0.0	0.0			0	00	0.0
Maximum Median	0. N		.0 0. ID NI		.0 ID	6.2 ND	0.0 NC			1.0 1D	2.2 1.2	0 0 ND
WELL NO :: CMW3A						140		, ,,,,				
Latest value 12/06/89	ı N	D N	ID N	D N	ID.	ND	NC) NO) (10		ND
No. of observ				9	9	9	9		•	9	3	9
No of detects		0	3	0	0	0	0) (D '	0	0	٥
Minmum	0	0 0	.o o.	o o	.0	0.0	0.0	0.0) (0.0	0.0	00
Maximum	o.	.0 3	.5 0	0 0	.0	0.0	0.0	0.0		0.0	0.0	00
Median	N	D N	ID N	D 1	ID OI	ND	NE) NI) 1	40	ND	ND
WELL NO.:CMW38	ı											
Latest value												
12/06/89	N	D N	ID N	_	ID .	ND	NC			4D		ND
No of observ.		9	9	9	9	9	8	-	9	9	3	9
No of detects		0		0	0	0			0	0	0	1
Minenum		-	.0 0.		0	0.0	0.0		_	0	00	00
Maximum		.0 13			1.0 ID	0.0 ND	0.0 NE		-	0.0 ND	0 0 ND	10 0 ND
Median	^	ID N	ID N	U r	4D	NU	NL	, N	,	1 0	NU	140
WELL NO.:CMW4												
Latest value 06/05/89		·	ID N	n •	1D	ND	N) N	ו מ	ND		ND
					11	11	11			11	э	
No of observ No. of detects	,			7	0	8			7	4	3	
Minimum	^		0.0		0.0	0.0	0.0	-		3.0	27.0	
Maximum	57					110.0	0.0		-	1,5	90.0	70 0
Median	38				ND	27.0	N			ND	76.0	
WELL NO.: CNWS	3	•										
Lalest value												
09/12/9				_	ND	ND	N			ND	ND	
No. of observ.	•			_	18	18	11		8	18	10	
No. of detects			15	0	0	4			0	1	3	
Minimum				-	0.0	0.0	0.0		_	0.0	0.0	
Maximum	\$400 0),0 ND	2.1 ND	0.0			0.0 ND	2.1 ND	
Median	·	40 49).O N	ID (ND	110	N	. N	-		.40	

and the state of t	1,1,1 Trichloro ethane	Tri chlora ethylene	Tetra chloro ethyler	10	Vinyl Chloride	1,2 Dichloro ethylene		Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		lethylene Chloride
MEN NO DAME							\						
Latest value		NO		NO			ND	AIO.	NO) NO	,		ND
12/06/89			ND	ND 9	-		9	NO 9	_		, •	3	9
No. of observ.		Seri.	9	0	-		0	-	-		3	0	ò
No. of detects			2	_	_		_	_	_			0.0	00
Minimum			0.0	0.0			0.0	0.0 0.0				0.0	00
Maximum Median			2.5 ND	0.0 ND			0.0 ND	NC				ND	NO
Met No CHWI													
Latest value													
12/05/89		ND	ND	ND			ND						NE
No. of observ.		بر و	9	9	•		9	8			9	3	9
No. of detects		** *	2	0		•	0	0	•)	0	0	1
Minimum		0.0	0.0	0.0	0.0)	0.0	0.0	0.0	0.9	0	0.0	0.0
Maximum		0.0	3.9	0.0	0.0)	0.0	0.0	0.0	0.	D	00	11 (
Median		ND	ND	ND	N		ND	NO	NC NC) N	D	ND	. NO
WELL NO.:CMW8A													•
Latest value													
03/22/90)	ND	ND	ND	N()	NO				_	NO	N
No. of observ.		10	10	10	16	•	10	10	10) 1	Ð	4	10
No of detects		0	0	0	. ()	0) (•	0	0	
Minimum		0.0	0.0	0.0	0.0)	00	0.0	0.0	0.	0	00	0 (
Maximum		0.0	0.0	0.0	0.6	3	0.0	0.0	9.0	0	0	00	0 (
Median		ND	ND	ND			ND				D	ND	N
WELL NO .: CMW8B													
Latest value											_		
03/22/90	ŀ	ND	ND	NE) NE	•	NO) NO) NO) N	D	ND	N
No, of observ.		10	10	10	1 10	3	10	10	10) 1	0	4	16
No of detects		0	0) 1	0	0) () (0	0	0	
Minimum		0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.	0	00	0.
		0.0	0.0	0.0	-	-	0.0			-	-	0.0	10
Maximum						-	NC					ND	N
Median		ND	ND	NC) N	J	NU	N	, 140	, ,	O	110	
WELL NO.:CMW9													
Latest value						_					_		N
09/12/91	l	ND	ND	ND			8.1				D	8.1	
No. of observ.		16	15	16	j 1	6	16			-	6	10	1
No. of detects		0	4	()	4	14	1		0	2	8	
Minimum		0.0	0.0	0.0	0.	0	0.0	9.0	0.0	0 0	.0	0.0	0
Maximum		0.0	5.4	0.0	18.	0	40 0	0.0	0.0	0 2	.2	38 0	0
Median		ND	ND	N) N	D	21.0) NI) N	D N	D	21 0	N
WELL NO.:CMW10													
Latest value						^	NIF	. A.I	וא כ	^ ^	ID		N
12/06/89	•	ND	ND	N			NC			9	9	8	
No. of observ.		9	9			9	18		-				
No. of detects		0	2			0	. (0	0	0	
Minimum		0.0	0.0	0.0	o .	0	0.0				.0	0.0	0
Maximum		0.0	4.2	0.0	0.	0	0.0	0.	0 0 .	0 0	.0	0.0	0
Median		ND	ND	N) N	D	N) N	D N	D 1	ID	ND	N
WELL NO .: CMW11	A				,						-		
Latest value						-	_		n	n :	ייי	. .	A.I
09/11/9	1	ND	ND	N		D	8.		-	_	ID.	8.5	
No. of observ.		16	10	10		6	10				16	10	
No. of detects		0	3		0	1				1	1	3	
Minimum		0.0	0.0	0.0	-	.0	0.0	O 0.	0 0.	.0 0	.0	00	0
Maximum			23.0	0.	-	.9	30.		-		.1	30 0	
							N				ND	ND	
Median		ND	NO	N	N ر	ID	141	, N	- N			.,,,	

′)

ن

AIO	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylen	•	Vinyl Chloride	1,2 Dichloro ethylene	T	arbon etra hloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		Methylene Chloride
WELL NO.:CMW111													
Latest value 09/11/91		10 N	0	ND	NO		10	ND	NO) NI	,	ND	ND
				16			16	16		-		10	16
No. of observ. No. of detects	1	0		0			5	0			2	3	.5
Minimum	^	-	.0	0.0			.0	0.0	-			0.0	0.0
Maximum	ŏ		.u	0.0		_		0.0				4.5	100
Median	_		Ď	ND			10	NO				ND	ND
MELL NOCOMWIS													
Latest value													
09/11/91			D	NC	_		4D	ND	_			ND	ND
No. of observ.		O. P. P.	150	20	20	:	20	20				10	20
No. of detects			1.145.75				1	0		-	0	0	2
Minimum	F-6	00	0.	_0.0		_	9.0	0.0				00	0.0
Maximum		.0		0.0			3.3	0.0			•	00	8.0
Median	,	ID BUCK	D	NE) NE	•	4D	NC	NC NC) N	0	NO	ND
WELL NO.:CMW13													<u>.</u>
Latest value													•
03/30/69		10 6	ro o	NC			40	NC			-	- ' -	ND
No. of observ.	1	10 1	0	10			10	10			-	3	10
No. of detects		•	9	7	' ()	7	•			2	3	0
Minimum	0	.0 0.	.0	0.0	3.0	_	0.0	0.0		-	-	56	0.0
Maximum	200	.0 240	.0	130	0 (17	0	0.0				12.0	00
Median	30	.5 75	.0	3.1	N	•	1,4	NO	21.0) N	D '	110	ND
WELL NO.:CMW14													
Latest value													
09/11/91		1D 1	ID	NC			ND.	NC				ND	ND
No. of observ.			8	18			18	18				10	18
No. of detects		1	2	(-	4			-	0	2	1
Minenum	_	-	.0	0.0			9.0	0.0			-	00	0.0
Maximum	_	-	.8	0.0			7.2	0.0			-	4 0	11.0
Median	ì	4D 1	ID	N) NI) 1	ND	NE) N	N C	ס	ND	ND

	1.2 Dichloro ethane	Chloro form	Bromo form	В	enzene	Chloro dibromo methane	1,1,2-Tri chloro ethane	Chloro benzene	Toluene	Xylene	Chioro ethane	Ethy bend	
WELL NO :: CMWIA													
Latest value													
09/11/91				ND	NO	-		-			ND	ND	ND
No. of observ.	16			16	18						16	16	16
No. of detects			0	0	0			-	-	9	0 0.0	0 0.0	0.0
Minimum	0.0 0.0		-	0.0 0.0	0.0 0.0						0.0	0.0	0.0
Meximum Medien	NO		-	ND	ND						ND	ND	ND
WELL NO CHWIB													
Latest value									^		NO	NO	N.0
09/11/91				ND	ND					_	ND 16	ND 16	ND 16
No. of observ. No. of detects	10		6 0	16 0	16					0	0	0	0
Minimum	0.0		-	0.0	0.0				-	-	0.0	0.0	00
Maximum	0.0	-		0.0	0.0						0.0	0.0	00
Median	N			ND	NC						ND	ND	ND
WELL NO : CMW2												ţ.	
Latest value													ND
12/06/89		-		ND	NC					-	ND 11	ND 11	ND 11
No. of observ. No. of detects	1		1	11	11					ò	0	ò	,,
Minimum	0.0	-	-	0.0	0.0					-	0.0	0.0	00
Maximum	0.0			0.0	0.0			-			0.0	0.0	00
Median	N		-	ND	NC						ND	ND	ND
WELL NO.:CMW3A													
Latest value			_	ND				.	5 N	^	ND	ND	ND
12/06/89		D N	9	ND 9	NC					9	9	9	9
No. of observ. No. of detects			o	Ö	č				-	Ō	Ö	Ö	ō
Minimum	0.0		-	0.0	0.0		=				0.0	0.0	00
Maximum	0.			0.0	0.0						0.0	0.0	0 0
Median	N		Ď.	ND	NE			D N	D N	D	ND	ND	ND
WELL NO :CMW38													
Latest value													
12/06/89			0	NO	NC						ND	NO	NO
No. of observ		9	9	9	9				-	9	9	9	9
No. of detects		0	0	0				-	-	0	0 0.0	0	0
Minimum	0.		.0	0.0	0.0						0.0	00	00
Maximum Median	0. Ni		.0 ID	0.0 ND	N(ND	ND	ND
WELL NO CMW4				•									
Latest value													
06/05/86) Ni	D N	ID O	ND	N) N	D N	D N	D N	Ď	ND	ND	ND
No. of observ.	1	1 1	1	11	1.	1	1 1	1 1	1 1	1	11	11	11
No. of detects	1	0	1	0	,			_	-	0	0	0	0
Minimum	0.		.0	0.0	0.0					.0	0.0	0.0	00
Meximum	0.		.3	0.0	10.					.0	0.0	0.0	0.0
Median	N	D 1	ID	ND	N) N	D N	D N	ID N	D	ND	ND	ND
WELL NO.:CMW5													
Latest value 09/12/9	1 N	0 4	10	ND	N	א כ	ם מ	O N	ID N	ID	ND	ND	ND
No. of observ.			18	18	1/		_			8	18.	18	1.8
No. of detects		Õ	ő	0					0	0	0	0	0
Minimum	0.	_	.0	0.0	0.	0.	0 0	0 0	.0 0	.0	0.0	0.0	0.0
Maximum	0.		.0	0.0	0.4	0 0.	0 0	.0 0	.0 0	.0	0.0	0.0	0.0
Median	N	0 N	10	ND	N	א כ	D N	ID N	1D N	ID	ND	ND	ND

(,

Statistics for All Wells

	1,2 Dichloro gthene	Chloro form	Bromo form			Chloro dibromo methane	1,1,2-Tri chloro ethane		hioro inzene	Toluene	Xylene	Chloro ethane	Ethy benz	
The Leaville	<u> </u>													
Lalest value			_					_		•				
12/06/89				ND	ND	ND		-	ND	N	D	ND	ND	ND
No. of observ.	-			9	9	9		9	9		9	9	9	9
No. of detects				0.0	0	0		0	0.0	^	1 .0	0 0.0	0.0	00
Minimum	0. 8.		.5 .5	0.0	0.0 0.0	0.0 0.0		.0	0.0		.6	0.0	0.0	0.0
Maximum Median	N.		.J D	ND	NO.	NO.		D	NO.U		.D	ND	ND	ND
							•	•		•				
Latest value														
12/05/89			10	ND	ND	ND		D	ND		ID	ND	ND	ND
No, of observ.			Berry C	. 9	9	9		9	9		•	9	0	9
No. of detects	E	-	8	0	0	9		0	0		0	0	0	0
Minimum	A.		.0	D .0	0.0	0.0		.0	0.0		.0	0.0	0.0	00
Maximum	0.		.0	0.0	0.0	0.0		.0	0.0		.0	0.0	0.0	0.0
Median	N	D N	ID	ND	ND	ND) N	Ō	ND	,	iD	ND	ND	ND
WELL NO.:CMW8A														
Latest value												410		
03/22/90			ID	ND	ND	NO		ID	NO		10	NO	ND .	NO
No. of observ.			10	10	10	10		10	10	,	10	10	10	10
No. of detects			0	0	0	0		0	. 0	_	0	0	0	0
Minimum	0.	-	.0	0.0	0.0	0.0		.0	0.0		0.0	0.0	0.0	00
Maximum	0. N		.0 ID	0.0 ND	0.0 ND	0.0 ND		.0 ID	0.0 ND).0 1D	0.0 ND	0.0 ND	0 0 ND
Median	N	U N		NU	NU	NL	, ,		ND	,		140	NO	140
WELL NO. CMW88														
Latest value 03/22/90	N	n A	(D	ND	NO	NO		10	NO		10	ND	ND	ND
			10	10	10	10		10	10		10	10	10	10
No. of observ.		0	0	0	.0	,,		0	0		0	0	0	.0
No. of detects Minimum	0.		.0	0.0	0.0	0.0		0	0.0		0.0	0.0	0.0	00
	0.		.0	0.0	0.0	0.0		0	0.0).O	0.0	0.0	0.0
Maximum Median	U.		ID	ND	ND	NE		1D	ND		1D	ND	ND	ND
				NU	110	, ,	, ,		.,,	•		145	.,,	
WELL NO.:CMW9														
Latest value				410								NO	NO	NO
09/12/91			10	NO	NO	NC		10	NO		10 16	ND 16	ND 16	ND 16
No of observ.			16	16	16	16		16	16		-	0	0	0
No of detects		0	1	0	0	(-		0 0.0	0.0	0.0	00
Minimum	0.	-	0.0	0.0	0.0).O).O	0.0 0.0		0.0	0.0	0.0	00
Maximum	0.),1 ID	0.0 ND	0.0 ND	0.0 N0		1D	NO.0		V.U ND	ND	ND	ND
Median WELL NO.:CMW10	N	א ט	4D	NU	NU	IVC	, ,	•0	NO	•	•	NO	110	.,,
Latest value		ın •	ın	NO	AIO.	NO	, .	40	NO		ND.	NO	NO	ND
, 12/06/89 No. of observ,			ď	ND 9	NO 9			9	9			9	9	9
No. of observ. No. of detects		9	9	0	0			0	0		Ö	Ğ	ů	ō
Minimum								0.0	0.0		0.0	0.0	0.0	00
).D	0.0	0.0 0.0).O	0.0).0).0	0.0	0.0	00
Maximum Median).0 1 D	0.0 ND	ND			ND	ND		VD	ND	ND	, ND
			•0	NO	140	141	,	••	140	•	••		,,,,	. ,,,
WELL NO.:CMW11														
Latest value 09/1 1/01	L N	10 1	4D	ND	NO	N(40	NO) (ND	ND	ND	ND
No. of observ,			16	16	16			16	10		16	16	16	16
No. of detects		0	0	.0	0		5	ō			ō	Ö	Ö	0
											-			
				0.0			D 6	0.0	0.0	1 1	0.0	0.0	0.0	00
Minimum Maximum	0	.0 0).0).0	0.0 0.0	0.0	0.0		0.0 0.0	0.0 0.0		0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0

Statistics for All Wells

	1,2 Dichloro	Chloro	Bromo			Chloro dibromo	1,1,2-Tri chloro	Chloro				Chiloro	5	ואילו
	ethane	form	form	Ber	12 ene	methane	ethane	benzene	Tolu	ene.	Xylene	ethane		enzene
WELL NO :: CMW11	В										· 			
Latest value			_						_					
09/11/91		-	_	ND	NO	_		_	ND	NO		ND	ND	ND
No. of observ.	16		-	16	16			_	16	16		16	18	18
No. of detects		-	0	0		_		0	٥			0	0.0	0.0
Minimum	0.0	-	-	0.0	0.0			-	0.0	0.0		0.0	0.0	0.0
Maximum	0.0		-	0.0	1.7				0.0	0.0		0.0 ND	ND	ND
Median	NE) N	D	ND	NC	NE NE) NI	,	ND	NC	,	NU	NU	NU
VEL NO CHWIS														
Latest value														
09/11/9	ı Ni) N		ND	NC) NC) NI	D :	ND	NC)	ND	ND	ND
No. of observ.	.20	9 : 1	0 7		20) 20	2	0	20	20)	20	20	20
No. of detects	2.3	4	Q K71	0)	0	0	•	>	0	0	0
Minimum	•	0 .	0	0.0	0.0	0.0	0.	0	0.0	0.0		0.0	0.0	0.0
Maximum	0.0	0 0.	0	0.0	0.0	0.0) (.	0	0.0	0.0		00	0.0	00
Medan	N	о и	O	NO	N) NE) N	D	ND	NO)	ND	ND	ND
WELL NO :: CMW13														
Latest value														
03/30/8/) NI	D N	D	NO	NE) NE) N	0	ND	N)	ND	ND	NO
No. of observ	10	_	0	10	10			0	10	10)	10	10	10
No. of detects		1	0	Ó	() ()	0	1	()	0	0	o
Minimum	0.0	0 0	.0	0.0	0.0	0.0	0.	0	0.0	0.0)	0.0	0.0	0.0
Maximum	0.9	6 0	0	0.0	0.0	0.0	0.	0	03	0.0)	0.0	0.0	0.0
Median	N	D N	D	ND	N) NE) N	D	ND	N)	ND	ND	NC
WELL NO .: CMW14														
Latest value														
09/11/9	1 N	D N	D	ND	N) N) N	D	ND	N)	ND	ND	NC
No. of observ.	1.	8 1	8	18	18	3 11	3 1	8	18	1.	В	18	18	18
No of detects		Ö	o o	0) ()	1	0)	0	0	C
Minimum	0.	0 0	0	0.0	0.0	0.0	0.	0	0.0	0.9	0	0.0	0.0	0.0
Maximum	0.	0 0	.0	0.0	0.	0 (3.	7	0.0	0.0	0	0.0	0.0	0.0
Median	N		D	ND	N) N	D	ND	N)	ND	ND	NC

(>

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1.1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:GGP-1										
Latest value										
09/13/91	NO	4500.0) ND	ND ND	730.0	NE NE) NE) NO	730.0) ND
No. of observ.		8 (3 6		•	•		•	3	5
No. of detects		1 (3 1	C	5	, 1	1 2	? (•	. 0
Minimum	0.6	3100.0	0.0	0.0	0.0	0.0	0.0	0.0	53.0	
Maximum	0.0	28000.0	2.5	0.0	730.0	1.0	8300.0	0.0	730.0	
Median	N	0.0089) NC) NC	131.5	N) NC) NO	440.0) ND
WELL NO.:GGP-2										
Latest value										
09/13/91	150.6	2700.0	1300.0	NC.	740.0) NI	1300.0) NO	740.0	סא כ
No. of observ.	•	7	7 7	, ,	, 1	,	, 1	,	7	1 7
No. of detects	•	7 7	, ,	' 1	7	, () (3 :	3 4	• 0
Minimum	150.0	2700.0	150.0	0.0	740.0	0.0	0.0	0.0	740.0	0.0
Maximum	7400.0	15000.0	6700.0	2.1	9700.0	0.0	4000.0	137.0	2300.0	0.0
Median	4040.	6100.0	4000.0) NC	1500.0) N	3500.0) N	1300.0) ND
WELL NO.:GGP -3										*
Latest value										
09/13/91	220.6	0 4400.0	600 0) NE	1200.0) N	330.0) N(1200.0	O NO
No. of observ.	+	6 (5 6		3 6	3 (5 (3 1	5 :	3 6
No. of detects		4	8	3			9 :	5	1	2 0
Minimum	0	0 560.0	400	0 0	0.0	0 (0 () 0	0 0	0 0
Maximum	430	0 5300 1	600	1.8	1200.0	0.0	330.0	606.	0 1200	0.0
Median	163.	0 4050 (240 0) NE	81.0) N	140 () NI	0 41.6	D NO

Statistics for all GGP Wells

	1,2 Dichloro ethane	Chloro form	Bromo form	В	euzeue	Chloro dibromo methene	1,1,2-Tri chloro ethane	Chic	zene zene	Toluene	Xylene	Chloro ethane		ri Zene
WELL NO.:GGP-1														
Latest value														
09/13/91	ı Ni) N)	ND	NC) NO	N	D	NO			ND	ND	ND
No. of observ.		,		8	6	-		6	6	-)	, 6	6	6
No. of detects				0	0	_		1	0)	0	0	0
Minimum	0.0			0.0	0.0			-	0.0	-		0.0	0.0	0.0
Maximum	0.0			0.0	0.0				0.0			0.0	0.0	0.0
Median	N) NO	•	ND	NC) NO	N	D	ND) NC)	ND	ND	ND
WELL NO.:GGP-2														
Latest value														
09/13/91	, N) NO)	NO	100.0) NC	N	D	NO) NC)	ND	NO	NC
No. of observ.		7	,	7	7	7	'	7	7	, ,	,	7	7	7
No. of detects	:	3 1	1	0	2	1		Ð	C) 1		1	0	C
Minimum	Q .(D 0.0)	0.0	0.0	0.0	0.	0	0.0			0.0	0.0	0.0
Maximum	62.0	D 8.4		0.0	100.0) 11.0	0.	0	0.0	1.3	3	2.3	0.0	0.0
Median	N	זא כ	•	ND	NC) NE) N	Đ	ND) NC	•	ND	ND	NC
WELL NO.:GGP-3	ı												•	
Latest value														
09/13/91	ı N	וא כ)	ND	NC) NE) N	D	NO) NO)	ND	ND	NE
No. of observ.		5 (3	6	•	•	i	8	6	3 (3	6	6	6
No. of detects		1	1	0	(•)	1	•	•)	0	0	•
Minimum	0.0	0 0.0)	0.0	0.0	0.0	0.	0	0.0	0.6)	0.0	00	0.0
Maximum	2.	5 1.8	3	00	0.0	0.0	6.	0	0.0	0 0)	00	00	0.0
Median	N) NO)	ND	NE) NC	N	מ	NO) NE)	ND	ND	NO

Statistics for REM1 Well

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chioro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO :: REM - 1										
Latest value					•					
10/06/91	37.0	280.0) NE) NI	170.0) N	D N	D N	D 170.0	ND.
No. of observ.	51	51	51	5	1 5	1 5	1 5	1 5	1 29	51
No. of detects	41	51		11	B 41	7	0 2	9 2	2 28	. 0
Minimum	0.0	21.0	0.0	0.0	0.0	0.	0 0.	0 0	.0 0.0	0.0
Maximum	1600.0	9100.0	0.0	150.0	1100.0	0.	0 460	0 200	.0 1100.0	0.0
Median	60.0	440.0) NI) NI	200.6	D N	D 11	0 14	0 1900	ND.

Statistics for REM1 Well

6

	1,2 Dichloro ethane	Chioro form	Bromo form	В	nzene	Chloro dibromo methane	1,1,2-Tri chloro ethane	Chloro		Toluene	Xylene	Chloro ethane		thyl enzene
WELL NO .: REM-1														
Latest value								_						
10/08/91	NE)	ND	ND	NE) NC	N	D	ND	NC)	ND	ND	ND
No. of observ.	51	ł	51	51	51	51		1	51	51		51	51	51
No. of detects)	1	0	15	5 ()	0	0	1		0	3	0
Minimum	0.0	3	0.0	0.0	0.0	0.0) 0	0	0.0	0.0)	0.0	0.0	0.0
Maximum	D.(12	8.8	0.0	1000.0	0.0	0	0	0.0	2.0)	0.0	5.3	0.0
Median	NE		ND	ND	NE			D	ND	NC)	ND	ND	ND

No. of observ. 10 18 18 10 10 10 10 10 10 10 0 0 0 0 0		1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chloro ethylene	Vinyl Chlorida	1,2 Dichloro ethylene	Cart Tetri chio	A	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
Marganian Marg	WELL NO.: MW1				*****							
No. of observ. No. of observ.	Latest value											
Mo. of detects				_			_					_
Minimum							-					
Maximum			-	-	_		-	_	_		-	•
Medium NO												
Letest value Digit Fish ND N									-			
Latest value	WELL NO.: MW1A											
No. of Dasery. 17 17 17 17 17 17 17 17 17 17 17 17 17 1	_											
No. of elsects				_		-	_					-
Minimum												
Maximum			-				-	-			_	-
Median ND ND <t< td=""><td></td><td></td><td></td><td>_</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>				_								
WELL NO.: MW2 Latest value 09/10/91 ND ND ND ND ND ND ND ND ND N												
Letest value 09/10/91 ND	Median	N) NC) NC) N	•	ND	ND) NO) NI) 6	ID + NO
Og/10/91 ND ND ND ND ND ND ND N	WELL NO.: MW2											
No. of observ. 21 21 21 21 21 21 21 21 21 21 10 No. of observ. 23 23 23 23 23 23 23 23 10 No. of observ. 11 No. of observ. 12 No. of observ. 13 No. of observ. 14 No. of observ. 15 No. of observ. 15 No. of observ. 15 No. of observ. 16 No. of observ. 16 No. of observ. 16 No. of observ. 17 No. of observ. 17 No. of obser			_	_		_						
No. of detects 1 3 3 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			_	_								_
Minimum					_		_	-	_	_		-
Maximum	-						-	-		_	_	-
Median ND ND <th< td=""><td></td><td></td><td></td><td></td><td></td><td>=</td><td></td><td></td><td></td><td></td><td>-</td><td>-</td></th<>						=					-	-
Lalest value 09/11/91 ND ND ND ND ND ND ND N											-	
06/11/91 ND	WELL NO.:MW2A											
06/11/91 ND												
No. of observ. 16 16 16 18 18 16 16 16 16 16 10 No. of defects 0 0 0 0 0 1 0 0 0 0 0 1 0 0 0 0 0 0 0			- A1F				NO	NO	.	- A		4D NC
No. of detects				_			–					_
Minmum 0.0 0			-									
Maximum			-			-		_		-		
Median ND ND <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td>-</td><td>-</td><td></td></th<>							-			-	-	
Latest value						-				-		
Latest value	WELL NO.:MW3											
O9/10/91 ND ND ND ND ND ND ND N												
No. of observ. 23 23 23 23 23 23 23 23 23 23 10 No. of detects 0 1 0 0 0 0 0 0 0 0 0 0 Minimum 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		. N	D N	, MC		1	NO	MC) NE			ND NO
No. of detects 0 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	,,-					-	_					
Minimum 0.0											_	
Maximum 0.0 1.0 0.0							-		-	-	_	
Median ND ND <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>0.0</td><td>0.0</td><td>0.0</td><td>0 0</td><td>0 0</td><td>0.0 6 (</td></th<>							0.0	0.0	0.0	0 0	0 0	0.0 6 (
Latest value 09/11/91 ND No. of observ. 16 16 16 16 16 16 10 No. of detects 4 14 2 0 14 0 4 2 8 Minimum 9.7 140.0 11.0 0.0 290.0 0.0 8.0 1.8 290.0 Maximum 9.7 140.0 11.0 ND			-	וא כ) NI	Ď	ND	NE) NI	D N	D 1	NO OF
No. of observ. 16 16 16 16 16 16 16 1	WELL NO.:MW3A											
No. of observ. 16 16 16 16 16 16 16 1	Latest value											
No. of observ. 16 16 16 16 16 16 16 16 10 No. of detects 4 14 2 0 14 0 4 2 8 Minimum 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		1 N	D N	וא כ) N	D	ND	NC) N	D N	D P	ND NI
No. of detects 4 14 2 0 14 0 4 2 8 Minimum 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	No. of observ.					6 '	16	16	5 1	6 1	6	
Minimum 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.							14				2	8 (
Median ND 12.0 ND ND 79.0 ND ND ND 165.0 WELL NO.:MW4 Latest value 09/13/91 170.0 110.0 ND ND ND 1100.0 ND ND No. of observ. 21 21 21 21 21 21 21 10 No. of detects 20.0 0 3 8 0 19 7 3 Minimum 20.0 20.0 0.0 0.0 0.0 0.0 0.0 0.0 Maximum 20.0 0.0 15.2 110.0 0.0 2500.0 10.0 80.0 2	Minimum	0.	0 0.0	0.0	0.	0	0.0	0.0	0.	0 0.	0 0	
WELL NO.:MW4 Latest value 09/13/91 170.0 110.0 ND ND ND ND 1100.0 ND ND No. of observ. 21 21 21 21 21 21 21 21 10 No. of detects 20 0 3 8 0 19 7 3 Minimum 20 0 20 0.0 0.0 0.0 0.0 0.0 0.0 Maximum 200.0 0.0 15.2 110.0 0.0 2500.0 10.0 80.0 2		9.	7 140.0	D 11.0	0 .							
Latest value 09/13/91 170.0 110.0 ND ND ND ND 1100.0 ND ND No. of observ. 21 21 21 21 21 21 21 10 No. of detects 0.3 8 0 19 7 3 Minimum 500 31 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Maximum 500 7 0.0 15.2 110.0 0.0 2500.0 10.0 80.0 2	Median	N	D 12.0	D N() N	D	79.0	NO	D N	D N	D 165	5.0 N
09/13/91 170.0 110.0 ND ND ND 1100.0 ND ND No. of observ. 21 21 21 21 21 21 21 21 10 No. of detects 100.0 0.0	WELL NO.:MW4											
No. of observ. 21 21 21 21 21 21 21 21 21 21 10 No. of detects 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					n		ND.	Laf	3 1100	0 N	n '	ND NI
No. of detects 0.0 3 8 0 19 7 3 Minimum 200 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Maximum 200 0 0.0 15.2 110.0 0.0 2500.0 10.0 80.0 2								-				
Minimum 50.0 37 10.0 9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.		2										
Maximum \$100.0 0.0 15.2 110.0 0.0 2500.0 10.0 80.0 2				- S								
		120.										
	Median						ND					ND N

()

~

· ·	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chloro ethylene	Vinyl Chloride	1,2 Dichloro athylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
CHARLES HOLD										
Latest value 09/13/91	NO	NC) ND) NO) NC) NO) NC) NO) NO	ND
No. of observ.	18			•			16	16	10	18
No. of detects	6						1		4	. 1
Minimum	205			-					0 0	0.0
Maximum		97.0				-	3.0	0.0	61 0	100
Median	ND	NC) NO	34 () NE) NE) NE	א מ) ND	NO NO
MELL NO MW4B	3									
Latest value										
09/11/91	ND) NE) NE) NE) NO) NC) NE) N) NE	ON O
No. of observ.	18		L	18	1.5	18				
No. of detects	(∴ •			•						
Minimum	* 0.0									
Maximum	0.0	0.0	0.0	23.0	760.0	0.0	0.0	0.0	570.0	
Median	ND) NO) NE) NE) NE) NC) N() N	135.6	ND ND
WELL NO.:MW5										
Latest value										
09/12/91	NO									
No. of observ	24			-		_	_			
No. of detects	5						-	-	1	
Minimum	0.0									
Maximum	530.0									
Median	NO	867.5	5 NO) NO	38 :	5 NC	ם או	וא כ	0 46.5	s ND
WELL NO :: MW5A										
Latest value										410
03/30/89	NO							-		
No of observ	6			3					6	
No. of detects	C				=	-		-	0 0	
Minimum	0.0	_	-						-	
Maximum	0.0									
Median	NC) NI	וא כ	וא כ) N	מא כ) N (D NI	ס או	טא ע
WELL NO. MW6						 -				
Latest value								_		
09/12/91	NC									
No of observ	1 9									
No. of detects	C	-		1			-			3 0
Minimum	0.0	0.0			•				-	
Maximum	0.0									
Median	NC) NI) · NI	ם או) N	D N	D N	D N	D N	D ND
WELL NO MWEA	· { 									
Latest value										
09/11/91	NC) NI	D N	D N	D N	D N	D N	D N	D N	ON C
No. of observ.	. 16	3 1	6 1	6 11	5 1	6 10	6 1	6 1	6 1	D 16
No. of detects	5)	1	0	0	0	0	0	0	o 0
Minimum	0.0	0.	0 0.	Q 0.0	D 0.	0 0.	0 0.	0 0.	0 0.0	
Maximum	0.0	1.	3 0.0	0 0.0	0 0.	0 0.	O O.	0 0.	0 0.	0.0
Median	NO) N	וא ס	D N	D N	D N	D N	D N	D N	D ND
WELL NO.:MW7						··		_,		
Latest value						_	_	_		
09/12/91									D N	
No. of observ.	10		6 1						6 1	
No. of detects	(-			-	-		0 0
Minimum	0.0	0.							.0 0.	
Maximum	0.0	p 0 .	0 0.						.0 0.	
Median	N	N C	D N	D N	D N	D N	D N	D N	D N	D ND

()

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chioro ethylene	Vinyl Chloride	1,2 Dichtoro ethylene	Tet	bon a oride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		lethylene Chloride
WELL NO.:MW7A												
Latest value									_			
09/11/91						ND	ND			ND	ND	ND
No. of observ.	18					18	18		-	18	10	18 0
No. of detects	1					0	0		0	0	0	90
Minimum	0.0					0.0	0.0		-	0.0	0.0 0.0	0.0
Maximum Median	0.3 ND					0.0 ND	0.0 ND			0.0 ND	ND	ND
WELL NO.:MWB												
Latest value												
09/12/91	NO) NC	NO) NC)	ND	NO	N	D (ND	ND	ND
No. of observ.	16	16	16	16	3	16	16	1	6	16	10	16
No. of detects	1	. 2) ()	1	0)	0	0	1	0
Minimum	0.0	0.0	0.0	0.0)	0.0	0.0	0.	0 (0.0	0.0	0.0
Maximum	1,1	120.0	0.0	0.0)	2.0	0.0	0.	0 (0.0	2.0	0.0
Median	NC	_				ND	NO) N	D !	ND	ND	, ND
WELL NO.:MW8A												
Latest value												
12/06/89	NE NE) NE) NI) NI)	ND	NE		-	ND		ND
No. of observ	9	,	•)	•	9	9)	9	9	3	9
No. of detects	C) 4) ()	1	0)	0	Q	0	0
Minimum	0.0	0.0	0.0	0.0)	00	0.0	0	0	0.0	00	0.0
Maximum	0.0			0 ()	50	0.0	0	0	0.0	00	0 0
Median	NE			-		ND	NC		D	ND	ND	ND
WELL NO MW9												
Latest value									_			
09/12/91						ND	NC		-	NO	ND	ND
No. of observ	13					15	15		5	15	10	15
No. of detects	() () (0	0	•)	0	0	0	0
Minimum	0.0	0.0	0.0	0.0)	0.0	0.0	0	.0	0.0	0.0	0.0
Maximum	0.0	0.0	0.0	0.0	0	0.0	0.0	0	.0	0.0	0.0	0.0
Median	N	וא כ) NE) N)	ND	NE) N	Ð	ND	ND	ND
WELL NO MW9A												
Latest value												
09/12/91	N N	600.0) NI) N	0 (67.0	N		-	ND	6 7 0	ND
No. of observ	17	7 1	7 17	7 1	7	17	17	7 1	7	17	10	17
No. of detects		4 11	7 (0	0	16	(0	4	0	10	1
Minimum	0.0	170.0	0.0	0.	D	0.0	0.0	0	.0	0.0	5.6	0.0
Maximum	6.0	610.0	0.0	0 .	0	67.0	0.0	48	0	0.0	67.0	9.0
Median	N	300.0) או	א כ	D	12.0	N) /	D	ND	12.5	ND
WELL NO.:MW9B											. 	
Latest value									- -			
09/12/9	ı Ni					ND -	N		ID	ND	NO	NO
No. of observ	11	7 1	7 1		7	17	1		17	17	10	17
No. of detects	:	3 1	5	1	0	14		0	1	0	8	0
Minimum	0.0	0 0.	0.0	0 0.	0	0.0	0.0	0 0	.0	0.0	0.0	0.0
Maximum	330.		0 1.	2 0.	0 2	30.0	0.0	0 1	.6		230.0	0.0
Median	N	D 235 0.	0 N I	D N	D	73.0	N	0 1	ND.	ND	98.5	NE
WELL NO.:MW10A												
Latest value 09/12/9	, AN	n 940	0 N	n N	D	ND	N	n •	ID	ND	ND	NO
					5	5		5	5	5	5	
No. of observ.						4		5 0	3	0	4	
No. of detects		-	_		1			-			0.0	0.0
Minimum	0.				.0	0.0	0.		0.0	0.0		
Maximum	0.					80.0	0.		3.0		860.0	0.0
Median	N	D 860.	0 34.	0 N	0 4	40.0	N	ט :	1.6	ND	440.0	NO

Statistics for all MW Wells

6

WELL NO.:MW11A	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra Chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylens	Methylene Chloride
Latest value										ND
06/06/89	ND	ND	ND	NO	NE	NE.) NC) NO		- 40
No. of observ.	,	7	' <u>'</u>	7						,
No. of detects	0		0	-	_			•		,
Minimum	0.0									
Maximum	0.0									
Median	ND) NO) ND	NC NC	NC) NE) NE) NC) NC) ND
WELL NO :MW118										
Latest value										
06/06/89	NC) ND) NO) NC) NC) NO	7.0	25.0)	- ND
No, of observ.	7	, 7	, ,	' 7	'	, ;	7 7	7 7	, ;	3 7
No, of detects	4	3			, (. () 7	7 7	, ;	2 0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	5.7	7 12.0	0.0	0.0
Maximum	9.1			-		0.0	8.1	40.0	6.6	0.0
Median	3.3						6.1	19.0	3.0	ON O

	1,2 Dichloro ethane	Chloro form	Brom form	o Bertzei	•	Chloro Ilbromo nethane	1,1,2 Trichloro ethane		dora rzene	Toluene	Xylene	Chloro ethane	Ethyl benze	ine
WELL NO.: MW1														
Latest value														
09/12/91	N	D	ND	ND	ND	ND		D .	NO		ND	ND	ND	ND
No. of observ.	11	-	19	19	19	19		19	19		19	19	19	19
No. of detects		0	0	0	0	0		0	0		0	0	0	0
Minimum	0.1	-	0.0	0.0	0.0	0.0		.0	0.0		0.0	0.0	0.0	0.0
Meximum Median	0.1 NI	-	0.0 ND	0.0 ND	0.0 ND	0.0 ND		0,0 10	0.0 ND		0.0 ND	0.0 ND	0.0 ND	0.0 ND
WELL NO.: MW1A														
Latest value														
09/11/9			ND	ND	ND	ND		1D	ND		ND	ND	ND	ND
No. of observ.	1		17	17	17	. 17		17	17		17	17	17	17
No. of detects		D	0	0	0	0		0	0		0	0	0	0
Minimum	0.		0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0
Meximum	0.		0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0
Median	N	D	ND	ND	ND	NC	, ,	ND	ND		ND	ND	ND	ND
WELL NO.: MW2													:	
Latest value 09/10/9	i Ni	D	ND	ND	ND	NE	, .	4D	ND	ì	ND	ND	ND	ND
No. of observ.	2		21	21	21	21		21	21		21	21	21	21
No. of detects		ò	Ö	Ö	2	-0		0	0		Ġ	Ö	0	ō
Minimum	0.	_	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0
Maximum	0.		0.0	0.0	1.3	0.0		0	0.0		0.0	0.0	0.0	0.0
Median	N:		ND	ND	ND	NC		40	ND		ND	ND	ND	ND
ASMW::ON T'EM														
Latest value														
09/11/9	l N	0	ND	ND	ND	NC	1	40	ND		ND	NO	NO	ND
No. of observ.	1	6	16	16	16	16	i .	16	16		16	16	16	16
No. of detects		0	0	0	1	C)	0	0		0	0	Q	0
Minimum	0.	-	0.0	0.0	0.0	0.0	-	0.0	0.0		0.0	0.0	0.0	0.0
Meximum	0.		0.0	0.0	87.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0
Median	N	D	NO	ND	NO	NC	•	ND	ND		ND	ND	ND	ND
WELL NO.:MW3														
Latest value														
09/10/9		-	ND	ND	ND	NC		ND	ND		ND	ND	ND	ND
No. of observ	2		23	23	23	23		23	23		23	23	23	23
No. of detects		0	0	0	0			0	0		0	0	0	0
Minimum	0.	-	0.0	0.0	0.0	0.0		0.0	0.0		0.0	0.0	0.0	0.0
Maximum Median	0. N		0.0 ND	0.0 ND	0.0 ND	0.0 NE		0.0 ND	0 0 ND		0.0 ND	0.0 ND	0 0 ND	0.0 ND
WELL NO MWJA														
Latest value														
09/11/9	1 N	D	ND	ND	ND	NO) 1	ND	ND	j	ND	ND	ND	ND
No. of observ		6	16	16	16	16		16	16		16	16	16	16
No. of detects		Ō	0	Ō	0	(0	0		0	0	0	0
Minimum	0.		0.0	0.0	0.0	0.0		0.0	0.0	,	0.0	0.0	0.0	0.0
Meximum	0.		0.0	0.0	0.0	0.0) (0.0	0.0	,	0.0	0.0	0.0	00
Median	N	D	ND	ND	ND	NO) 1	ND	ND)	ND	ND	ND	ND
WELL NO.:MW4							. <u>.</u>							
Latest value		^	NO	ND		N(`	ND	NO	·	ND	ND	ND	ND
09/13/9			ND 21	ND	NO 21	N. 2		21	21		21	21	21	21
No. of observ. No. of detects		1	21 7	21 0	21	2		0	21		1	0	0	0
INU. UI CHIECTE			7	v	v	,	•	~	•		•	-		
	^	٥	0.0	0.0	0.0	n) 1	0.0	0.0)	0.0	0.0	0.0	0.0
Minimum Maximum	0. 14.	.0 0	0.0 56.0	0.0 0.0	0.0 0.0	0.0 0.0		0.0 0.0	0.0 0.6		0.0 2.0	0.0 0.0	0.0 0.0	0.0 0.0

(T

	.2 Nichloro Ithane	Chloro form	Brom		Benzene	Chloro dibromo methane	1,1,2 Trichloro ethane	ı	Chloro benzene	Toluene	Xylene	Chloro ethane		yl Zene
Latest value							 .							
09/13/91	N		ND	ND	NO) NO)	ND	ND ND		ID OI	ND	ND	ND
No. of observ.	_1	Liver	A STATE OF	. 18	10			18			18	18	18	18
No. of detects	-72	,	0	0				0			0	0	0	0
Minimum	0.0		0.0	0.0	0.0			0.0		_	.0	0.0	0.0	0.0
Meximum	0.0		0.0	0.0	0.0			0.0			.o ID	0.0 ND	0.0 ND	0.0 ND
Median	N	,	NO	NO	N) N(,	NO	אט	,	iU	NU	NU	NU
WELL NO WINE														
Latest value 09/11/91	N		ND	ND	N) NI	`	NC	NC		1D	ND	ND	ND
No. of observ.	1		110 21 <u>0</u>	18	1/			18			18	18	18	18
No. of detects	1			· 'o				0			0	0	ō	.0
Minimum	10		0.0	0.0	0.0			0.0			0.0	0.0	0.0	0.0
Maximum	0.0		0.0	0.0	0.0			0.0		_).0	0.0	0.0	0.0
Median	N		ND	NO	N(NC			10	ND	ND	ND
WELL NO.:MW5							-	Ī	_					
Latest value 09/12/91	N	0	ND	ND	N	וא כ	2	NE) NE	, ,	4D	ND	ND -	ND
No, of observ.	2		24	24	2	-		24			24	24	24	24
No. of detects		1	ō	ō			Ď	-			0	Ö	ō	0
Minimum	0.0		0.0	0.0		-		0.0	-		0.0	0.0	0.0	0.0
Maximum	60.	-	0.0	0.0		-		0.0			0.0	0.0	0.0	0.0
Median	N		ND	ND	N			N			40	ND	ND	ND
WELL NO.:MW5A														
Latest value		_					_					NO	ND	NO
03/30/89	N		ND	ND				N			ND	ND 6	6	ND
No. of observ.		6	6	6		-	5 0	•			6 0	Õ	å	6
No. of detects		0	0	0		-	-	0.0).0	0.0	0.0	0.0
Minimum	0.		0.0	0.0				0.0).O	0.0	0.0	0.0
Maximum	0. N		0.0 ND	0.0 ND				NE	-		ND	ND	ND	ND
Median	N	U	NU	. 40		J 14		146	, ,,,		10	NO.	110	
WELL NO.:MW6														
Latest value							_							
09/12/91	N		NO	ND			_	N			ND	ND	ND	ND
No. of observ		9	19	19				11			19	19	19	19
No. of detects		0	0	0			0				0	0	0	0
Minimum	0		0.0	0.0				0.6			0.0	0.0	0.0	0.0
Meximum	0.		0.0	0.0				0 (0.0 ND	0.0 ND	0.0 ND	0.0 ND
Median	N P	U	ND	ND) N	D N	U	N	, N	,	ND	מא	NO	NU
Latest value														
09/11/91	N	n	ND	NO	N	D N	D	N	ס או)	ND	ND	ND	NO
No. of observ.		6	16	16				11			16	16	16	16
No. of detects		3	~ *				Ö		0 (Ö	Ö	Ö	.0
Minimum		8		0.0		•		0.			0.0	0.0	0.0	0.0
Maximum	0.		0.0	0.0				0.0			0.0	0.0	0.0	0.0
Median		Ď	ND	NE		-		N			ND	ND	ND	ND
WELL NO.:MW7														
Latest value		D	ND	NC		D N	D	N	D N	0	NO	ND	ND	ND
09/12/91 No. of observ.		8	16	16			6	1			16	16	16	18
No. of detects		0	0	'6			Ö			0	0	.0	0	.0
Minimum		.0	0.0	0.0			.0	0.			0.0	0.0	0.0	0.0
Meximum	-	.0	0.0	0.0		-	.0	0.			0.0	0.0	0.0	0.0
Median		.O	ND	NC			Ö	N			ND	ND	ND	ND
	• • • • • • • • • • • • • • • • • • • •	~			. "	- "	-			_	-	-		

,)

	1,2 Dichloro ethane	Chloro form	Bromo form	Bergene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chloro berzene	Toluene	Xylene	Chloro ethane	Ethyl berze	ne .
WELL NO.:MW7A												
Latest value												
09/11/91	I ND	N() N	D NO) NO) NO) N	N C	D	ND	ND	ND
No. of observ.	18			8 10	10					18	18	18
No. of detects	0	1)	0 (•	• (•	•	0	C	O	0
Minimum	0.0	0.0	0.	.0 0.0	0.0	0.0	0.0	D 0.	0	0.0	0.0	0.0
Maximum	0.0									0.0	00	0.0
Median	NO	N) N	D NO) NO) N() NI	D N	D	ND	ND	ND
WELL NO.:MW8												
Latest value	. NO) NI) N	D NO) 10	D N	D N	^	ND	ND	ND
09/12/91	16		-	6 10					6	16	16	16
No. of observ.	,,,			0 (0	Ö	0	,,
No. of detects	0.0							-	-	0.0	0.0	0.0
Minimum	0.0						-			0.0	0.0	0.0
Maximum Median	NO.								-	ND	ND	NC
WELL NO MWBA												
Latest value												
12/06/89	NC NC	N N) N	D N) NO) NI	O N	D N	0	ND	ND	NO
No. of observ.	9				9 1				9	9	9	9
No. of detects	ā							0	0	0	0	0
Minimum	0.0			.0 0.0	•	-	-	-	-	0.0	0.0	0.0
Maximum	0.0			.0 0.0						0.0	0.0	0.0
Median	NE		-	D N						ND	ND	NC
WELL NO :MW9												
Latest value												
09/12/9	1 NE) N	D N	ID N	D N	-		_	Ø	ND	ND	NC
No. of observ.	15	, 1	5 1	15 1	5 1			-	5	15	15	15
No. of detects	C)	0	0	0 (-	-	0	0	0	0	C
Minimum	0.0	0.	0 0	.0 0.	0 0.0	0.	O 0.	0 0	.0	0.0	0.0	0.0
Maximum	0.0	0.	0 0	.0 0.	0.0	0.	0 0.	.0 0	.0	0.0	0.0	0.0
Median	NE) N	א, ס	ID N	D NI) N	р и	D N	D	ND	ND	NC
WELL NO.:MWPA												
Latest value												
09/12/9	1 NC) N	D N	ID 42.	0 N	N C	D N	D N	D	ND	ND	NE
No. of observ	17	7 1	7 1	17 1	7 1	7 1	7 1	7 1	17	17	17	17
No. of detects	()	0	0	1 (0	0	0	0	0	0	(
Minimum	0.0	0.	0 0	.0 0.	0 0.	0 0.	0 0	.0 0	.0	0.0	0.0	0.0
Maximum	0.0	0.	0 0	.0 42.	O 0.	0 0.	0 0	.0 0	.0	0.0	0.0	0.0
Median	N) N	D N	ID N	D N	D N	D N	D 1	Ö	ND	ND	N
WELL NO. MW98												
Latest value												
09/12/9				ID N					ID.	ND	ND	N
No. of observ	17				7 1				17	17	17	17
No. of detects			0		_		0	0	1	0	0	
Minimum	0.0	0.	0 0	0.0				-	0.0	0.0	0.0	0 (
Maximum	0.0	0	0 0).0 2.). 9	0.0	0.0	0.0
Median	N	N 0	D N	10 N	D N	D N	D 1	1D N	10	ND	ND	N
WELL NO.:MW10A												
Latest value					^ ·	n .	D N	 ID . N	JD.	ND	ND	N
09/12/9					D N		5	10 . r 5	5	5	5	141
No. of observ.			5						0	0	ō	
No. of detects		_	0		-	-	0	0			-	
Minimum	0.0				.0 0.	-).0	0.0	0.0	0.1 0.1
												61.1
Meximum Median	0.4 N(,0 0. ID N).0 VD	0.0 ND	ND	N

,}

5

WELL NO.:MWI1A	1,2 Dichloro ethane	Chloro form	Bromo form	Berzens	Chloro dibromo methans	1,1,2 Trichloro ethane	Chioro benzene	Toluene	Xylene	Chloro ethane	Ethyl berzene
Latest value											
06/06/86) NC) NC) ND	ND	ND) NE) NE) ND	ND ND	N	D ND
No. of observ.	7	7	7	7	7	' 7	7	' 7	7		7 7
No. of detects	C) (• 0	•	0	•) (0	• 0		0 0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	.0 0.0
Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0
Median	NC) NE) ND	ND	NO) NE) NE) ND) NC) N	ID ND
WELL NO.:MW11B											
Latest value											
06/06/81) NC) NE) NO) ND) NC) N() NE	ם או) NC	, ,	ID ND
No. of observ.	7	7	7	' 7	7	,	7	7	7	•	7 7
No. of detects	τ	, (0) () () ()	0 0
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0
Maximum	0.0					_					0.0
Medan	NE										ID 00

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:SFW1										
alest value				~~~~~						
09/10/91										
No. of observ.	22									_
No. of detects	5	-		-	_			-		
Minimum	0.0 8.0									
Maximum Median	NE						_	-		
WELL NO.:SFW2										
Latest value										
10/08/91	28.0 58									
No, of observ. No, of detects	38									
Minimum	00		-	_	_		-			
Maximum	34 0									
Median	9.5) NC
WELL NO.:SFW3										
Latest value										
09/06/89					_					_
No. of observ	16									
No. of detects	10		-							
Minimum	0.0						•			
Maximum Median	390 0 4.5									
WELL NO .: SFW4	• • •	• • • • • • • • • • • • • • • • • • • •			-					
Latest value 08/01/85	120.0	1100.0	80.0) NE	250.0	ם או	150.0) NE) - -	- NC
No. of observ.	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-							
No of detects	Š								i () ;
Minimum	4,3	130.0	2.4	0.0	17.0	0.0	1.1	9 0.0		- 0.0
Maximum	171.0	1500.0	107.0	2.5	250.0	1.2	231.0	7.3		- 1.1
Median	110.0	902.0	14.2	e N	30.0	3 0.4	68.9	3.5		- NO
WELL NO .: SFW5										
Latest value										
09/06/89	3000 (500 0) NE) NI	50.0	ON C	820.0	O NO		- NO
No. of observ	7	7	, ;	7	7	7	,	7 7	,	•
No. of detects	7	7 (3	. (3 (6 1		5 2	-	
Minimum	0 2	2 00	0.0		-					•
Maximum	3000.0	1500.0	87.0							- 0.0
Median	140 (780	1.8	s Ni	D 48.9	D NE	46 (D NO)	- N
WELL NO.:SFW7										
Latest value				- -					_	
09/08/89) N	11.0) NE) N						
No. of observ.	10								-	ו ס
No. of detects		6 9						-	-	
Minimum	0.0									- 0.9 - 0.9
Maximum Median	100.6									- 0.1 - N
WELL NO.:SFW8	0.,	-				•		-		
Latest value 10/08/9	1 140.6	0 720.0	0 45.	n' 0	D 140.	0 N1) 110.	0 N I	140.	o N
No. of observ.	5:				_					
No. of detects	4:	_	3. 4		2 5		1 4	-		
Minimum	ρ.	· • • · · · ·	14 0-: 0.	-						0 0
		A			•					0 19
Meximum	7845:	0 3 43183	D ₂ : 461.	0 1.	4 899.	0 0.	4 259.	0 8.	0 690.	0 N

)

AR MINO STATE	1.1.1 Trichloro ethane	Tri chloro ethylene	Tetra chioro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra Chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
Latest value										
09/07/89	ND	ND.	ND							
No. of observ.	عد عد		18	ND 18				NO.		. N
No. of detects	F-3							18	3	
Minimum	0.0	0.0	0.0	0.0	•	•	-	3		•
Maximum	330.0	2440.0	291.0	1.8	426.0	0.0	0.0	0.0	0.0	
Median	2.4	8.8	0.4	ND		0.4	103.0	4.1	0.0	
WELL NO .: SFW10				.,,	U. y	ND	1.0	ND	ND	
Latest value										
09/10/91	ND	ND								
No. of observ.	17	17	ND	ND	ND	ND	ND	ND		
No. of detects	Ö	1/	17	17	. 17	17	17	17	ND	N
Minimum	0.0	0.0	0	0	1	0	.,	0	11	17
Maximum	0.0		0.0	0.0	0.0	0.0	0.0	00	1	(
Median	ND	1.8	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0
	,,,	ND	ND	ND	ND	ND	ND	ND	0.6	0 (
WELL NO.:SFW11								NU	ND	, NE
Latest value										4-
09/10/91	ND	ND	ND							
No. of observ.	17	17	17	ND	ND	ND	ND	ND	ND	
No. of detects	0		'0	17	17	17	17	17	10	ND
Minimum	0.0	0.0	00	0	0	0	0	0	.0	17
Meximum	0.0	0.0	0.0	0.0	0.0	0.0	0 0	00	0.0	0.0
Median	ND	ND	ND	0.0	0.0	0.0	0 0	0.0	0.0	32.0
	_	.,,	NU	ND	ND	ND	ND	ND	ND	32.0 ND
WELL NO.:SFW12									,,,	NU
Latest value										
09/10/91	ND	ND	ND	ND	***					
No. of observ	16	16	16	16	ND	ND	ND	ND	ND	ND
No. of detects	1	ō	.0	0	16	16	16	16	10	16
Minimum	0.0	0.0	0.0	0.0	0	0	٥	0	Ö	0
Maximum	2.0	0.0	0.0	0.0	0.0	0.0	0.0	00	0.0	0.0
Median	ND	ND	ND	ND	0.0 ND	0.0	0 0	0.0	0.0	0.0
WELL NO.:SFW13				110	ND	ND	ND	ND	ND	ND
atest and only value to										
09/05/90	ND ND	ND	ND	ND	ND	ND	NO			
				-		MO	ND	ND		ND

ND

'}

Statistics for all SFW Wells

	1,2 Dichloro ethane	Chloro form	Bromo form	Benzene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chloro			Chloro	Ethyl
WELL NO.:SFW1							benzene	Toluene	Xylene	ethane	benzene
Latest value											
09/10/91	ND	ND	ND								
No. of observ,	22	22		NO		ND	NO.	NO	NO		
No. of detects	1	- 1	1	22	_	22		22	22		
Minimum	0.0	0.0	0.0	0	•	0	0				
Meximum	0.9	6.0		0.0	4.0	0.0	0.0		•	•	
Median	ND	· NO	11.0 ND	0.0 ND		0.0	0.0	0.0	U. U	U. U	•
WELL NO.:SFW2					NO	NO	МО	М	ND	NO	•
Latest value											
10/08/91	ND	NO	NO	ND	ND					_	
No. of observ.	58	58	58	58	_	NO	ND	NO	NO	NO	
No. of detects	1	0	1		58	58	58	58	58	58	N
Minimum	0.0	0.0	0.0		0	0	0	0	~		5
Meximum	53.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0	
Median	NO	ND	ND	0.0 ND	0.0 ND	0.0 ND	0.0 ND	0.0	0.0	0.0 0.0	0
WELL NO.:SFW3							NU	NO	NO	NO	NC
Latest value											«·
09/06/89	ND	NO	ND	NO	10						
No. of observ.	16	16	16	16	ND	ND	ND	ND	ND	NO	NC
No. of detects	1	3	5		16	15	16	16	16	16	_
Minimum	0.0	0.0	0.0	1	4	0	0	1	.0		16
Maximum	1.2	51,7		0.0	0.0	0.0	0.0	00	00	0	C
Median	NO	ND	24.0 NO	04 ND	9.0	0.0	00	0.5	0.0	0.0 0.0	0.0
MELL NO.:SFW4			140	NU	NO	NO	ND	ND	ND	ND	0 0 ND
atest value											
06/01/85	ND										
to of observ.		NO	ND	NO	NO	ND					
to, of detects	9	9	9	9	9		ND	NO	ND	NO	ND
finimum	7	7	4	ŏ	3	9	9	9	9	9	
	0.0	0.0	0.0	00	-	1	0	0	0	ŏ	ō
leximum	0.9	13 9	30.0		0.0	0.0	0.0	00	0.0	0.0	
ledan	0.6	ND	, ND	0 0 ND	20 NO	0.5 ND	0.0	00	0.0	0.0	00
ELL NO.:SFW5			-		. ~		NO	NO	NO	ND	NO
atest value											
09/06/89	70	20.0	ND	NO	NO						
o of observ	7	7	7	7		ΝĎ	NO	70	NO	NO	400
o of detects	1	3	2	ó	7	7	7	7	7	7	NO
U POLICIE	0.0	0.0	0.0		1	0	0	0	ó		7
Domum	1.8	44.0	26.0	0.0	0.0	0.0	0.0	00	0.0	0	0
edian	NO	NO	ND	0.0 ND	0.4 ND	0.0 NO	0 0	0.0	00	0.0 0.0	00
ELL NO.:SFW7				-	. •	NO	NO	ND	NO	NO	NO
lest value 09/08/89											
of observ.	ND	NO	NO	NO	ND	ND					
. of detects	10	10	10	10	10		NO	NO	NO	NO	NO
i or detects	0	0	2	0	3	10	10	10	10	10	10
	0.0	0.0	0.0	00		1	0	0	0	Ö	0
iómum a:-	0.0	0.0	22.0	00	0.0	0.0	00	0.0	0.0	00	
dian	NO	ND	ND	NO	N D	5.0 ND	0.0 NO	0.0	0.0	00	0 O
LL NO :SFW8					_		i ve	ND	ND	NO	ND
est value											
10/08/91	ND	ND	ND	NO							
of observ	53	53			ND.	ND	ND	ND	NO	ND	. ~
of detects	5	33 10	53	53	53	53	53	53	53		NO
imum	0.0		3	3	2	3	1	∞		53	53
in um		0.0	0.0	0.0	0.0	0.0	0.0		0	0	0
fien	5.1	64.0	12.5	0.9	12.6	2.1		0.0	0.0	0.0	0 0
	ND	NO	NO	NO ·	NO	NO	1.0 NO	00	0.0	0.0	00
				_	. —	190	rui 1	ND	ND	NO	

٠,

Statistics for all SFW Wells

MELL NO SEVO	1,2 Dichloro ethane	Chloro form	Bromo form	Berizene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chiaro benzene	Toluene	Xylene	Chiloro ethane	Ethyl benzene
Latest value						<u>:</u>					
09/07/89	NC) N	ON C	ND							
No. of observ.	18	1		18		• • • • • • • • • • • • • • • • • • • •	NO.	ND	NO.	N	
No. of detects	Par 1		Present 11	10	18			16		1/4 1/	
Minimum	F 0.6	0.0		0.0	5	•	•	ō	, ,		, ,
Meximum	1.6	3.0		0.5	0.0	0.0	0.0	0.0			•
Median	NO			ND	4.2	U. U	0.0	0.0		U .(
WELL NO.:SFW10			7.0	~	ND	NO	ND	ND	ND	NE	
Latest value											
09/1 0/91	NO										
No. of observ.	70 17	ND		ND	ND	NO					
No. of detects		17	• • •	17	17	17	NO	ND	NO	ND	ND ND
Minimum	0	0	•	0	5	0	17	17	17	17	
Majornum	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0	
Median	0.0	0.0	50.0	0.0	15.0		0.0	0.0	0.0	0.0	
web SELI	NO	ND	ND	ND	NO	0.0	0.0	0.0	0.0	0.0	0.0
WELL NO.:SFW11						ND	NO	NO	ND	ND	
Lalest value											
09/1 0/91	ND	NO									 .
No. of observ.	17	17	ND	NO	NO	NO	ND	ND			•
No. of detects	0	0	17	17	17	17	17	17	NO	NO	ND
Minimum	0.0	0.0	3	0	4	0	.,		17	17	17
Meximum	0.0		0.0	0.0	0.0	0.0	0.0	1	0	0	0
Median	ND	0.0	13.0	0.0	7.1	0.0	0.0	0.0	0.0	0.0	0.0
		NO	NO	NO	ND	ND	ND	1.1 ND	0.0	00	00
WELL NO.:SFW12								NO.	NO	NO	ND
alest value											
09/1 0/91	ND	ND	10								
No. of observ.	16	16	ND	ND	ND	NO	ND	ND			
Vo. of detects	0	0	16	15	16	16	16	16	NO	NO	ND
Ainimum	0.0	0.0	2	0	2	0	.0	0	16	16	15
Aevimum	0.0		0.0	0.0	0.0	0.0	0.0	_	0	0	0
Addisn	ND	0.5	8.1	0.0	60	0.0	0.0	0.0 0.0	0.0	0.0	0 0
	N	ND	ND	NO	NO	ND	ND		0.0	0.0	00
VELL NO:SFW13							140	ND	NO	ND	NO
atest and only valu											
09/05/90	NO	NO	ND	ND	ND	NO	NO				

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichlor ethylen	-		1.1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		Methylene Chloride
WELL NO.:RWD	1											
Lalest value											МО	N/D
09/10/91		-			ND	ND	ND		-	iD	ND 10	
No. of observ.				21	21	21	21			21 O	0	1
No. of detects		0	0	0	0	1	0			0.0	0.0	
Minimum	_				0.0	0.0	0.0		-	0.0	0.0	10.0
Maximum	-				0.0	10.0 ND	NC		-	10	ND	
Median	,	4 OI	10 1	10	ND	NU	NL	N	, ,		110	112
WELL NO .: RWD	2											
Latest value												
09/10/9		1D •	10 01	10	NO .	ND	NC) NI	• •	10	ND	ND
No. of observ.	-	-		21	21	21	21	2	1	21	9	21
No. of detects	`	0	0	C	o .	0) (0	0	0	0
Minimum	0	-	-	_	0.0	0.0	0.0	O.		0.0	0.0	0.0
Maximum					0.0	0.0	0.0) Q.		0.0	0.0	0.0
Median	-			ND	ND	ND	NE) N	D 1	1 D	ND	, ND
WELL NO .: RWD	3											
Latest value												
09/10/9	1 1	10 (10	ND	ND	ND	NE		_	ND	ND	
No. of observ.		18	18	18	18	18	- 11	-	=	16	7	
No. of detects		Q	0	0	0	1	(-	0	0	0	
Minimum	C	0.0	0.0	0.0	0.0	0.0	0.0		-	3.0	0.0	
Maximum	c	0.0	0.0	0.0	0.0	10.0	0.0		-	0.0	0.0	
Median	1	I GI	4D	ND	ND	ND	N	N C	D (ND	NO	ND

, <u>;</u>

Statistics for all RWD Wells

	1,2 Dichloro	Chloro	Bromo		Chloro dibromo	1.1.2 Trichloro	,	Chioro			Chloro	Ethyl	
	ethane	form	form	Bergene	methane	ethane		benzene	Toluene	Xylene	ethane	benze	ene
WELL NO.: RWD	 												
Latest value													
09/10/91		-				ID .	ND			_	ND	ND	ND
No. of observ.	2		21			21	21	21			21	21	21
No. of detects		0	0	3		2	0	-		0	0	0	0
Minimum	0.	0 (0.0	0.0	.0 0	.0	0.0				0.0	0.0	0.0
Meximum	0.	0 (3.0 2	0.0	.0 4	.1	0.0	0.0) Q.	.0	0.0	0.0	0.0
Median	N	D G	ND	ND N	10 N	ID	ND	NC) N	Đ	ND	NO	ND
WELL NO.:RWD	2												
Latest value													
09/10/91	N	D I	ND	ND N	io n	ID .	ND	NC) N	D	ND	ND	ND
No, of observ.	2	11	21	21	21	21	21	21	. 2	21	21	21	21
No. of detects		0	0	2	0	1	0	()	0	0	0	0
Minimum	0.	0	0.0	0.0	.0 0	.0	0.0	0.0	0.	.0	0.0	0.0	0.0
Maximum	0.	0	0.0	5.1 0	.0 1	.1	0.0	0.0	0.	.0	0.0	0.0	0.0
Median	N	D	ND	ND N	ID N	ID	ND	NC) N	D	ND	ND (ND
WELL NO.:RWD	3												
Latest value													
09/10/91	i N	D	ND	NO N	4 01	ID.	ND	NO	N	10	NO	NO	ND
No. of observ.	1	8	18	18	18	18	18	10	3 1	8	16	18	18
No. of detects		0	0	0	0	1	0	()	0	0	0	0
Minimum	0	٥.	0.0	0.0	.0 0	.0	0.0	0.0	0	.0	0.0	0.0	0.0
Maximum	ō		0.0		.0	.0	0.0	0.0	0	.0	00	0.0	00
Median			ND			ID.	ND	NE	1 N	D	ND	ND	ND

(

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichtoro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene		hylene oride
WELL NO .: COOP											
Latest value										_	
09/10/91						-	-		-	ND	ND
No, of observ.	23								:3	12	23
No. of delects	C			_		-	-	-	0	0	0
Minimum	0.0							-		0.0	0.0 0.0
Maximum	0.0				*		-	-		0.0	U.U ND
Median	NE) NC) ND	NC NC) NI) N	D N	א ט	D	ND	NU
WELL NO.: JORD HOUSE											
Latest value											
09/10/91	NC) NC) NO	NC.) N	D N	D N	D N	ID O	ND	NO
No. of observ	16	16	16	16	. 11	B 1	6 1	6 1	6	10	16
No of detects		•	. 0	, ()	0	0	0	D	٥	0
Minimum	0.0					0 0	.0 0	0 0	.0	0.0	0.0
Maximum	0.0					0 0	0 0	0 0	.0	0.0	. 0.0
Median	N					D N	D N	D 1	ID	ND	" ND
WELL NO.:JORD HYDRANT											
Latest value											
09/10/91	N) NE) NE) NE) N	D N	D N	A G	ID GI	ND	NO
No. of observ	10	5 16	16	16	3 1	6 1	6 1	6	16	10	16
No. of detects	(, ;	3 0) (0	0	0	0	0	C
Minmum	0.0	0.0	0.0	0.0	0.	0 0	.0 0	0 0	.0	0.0	0.0
Maximum	0.0	2.2	2 0.0	0.0	0.	0 0	.0 0.	.0 0	.0	0.0	0.0
Median	N) NO) NC) NI) (D N	ID N	D 1	10	ND	NC

1

Statistics for all Residential Wells

	1,2 Dichloro ethane	Chloro form	Bromo form	Ben	zene	Chicro dibromo methane	1,1,2 Trichloro ethane		Chioro benzene	Toluene		Xylene	Chloro		yi zene
WELL NOCOOP															
Latest value				_											
09/10/91			Ø.	NO	NO			Ø	NO		NO		ND	ND	NO
No. of observ.	2:		23	23	23			23	23		23		23	23	23
No. of detects		1	1	0	0	_		0	0		. 1		0	0	1
Minimum	0.0		0,0	Q.O	. 0.0			0.0	0.0		0.0		0.0	0.0	0.0
Meximum	0.6		.0	0.0	0.0			0.0	0.0		0.4		0.0	0.0	1.1
Median	N) h	1 0	ND	NO	ND ND	,	Ø	NO)	ND	1	ND	ND	ND
WELL NO.:JORD HOUSE															
Latest value															
09/10/9	i NC) t	ED .	NO	NO) NO		Ø	NO)	ND		NO	NO	10
No. of observ.	10	8	18	16	16	16	i	18	16)	16		18	18	16
No. of detects		D	0	0	•	•)	0	0)	0		0	0	0
Minimum	0.0	•).0	0.0	0.0	0.0	1 (0.0	0.0	-	0.0		0.0	0.0	0.0
Muomum	01	0 0	0.0	0.0	0.0	0.0	•	0.0	0.0)	0.0		0.0	0.0	0.0
Median	N) i	ND	ND	NC) NC	1	NO	NO)	NO		NO	NO	NO
WELL NO.:JORD- HYDRAN	r													•	
Latest value															
09/10/91) NE) 1	•	ND	NC) NC) 1	ND	NC)	ND		ND	NO	NO
No. of observ.	11	5	16	16	16	5 16	i	16	16	5	15		16	16	16
No. of detects		0	0	C		. (}	0	•)	0		0	0	0
Minimum	0.	0 (0.0	0.0	0.0	0.0		0.0	0.0)	0.0		0.0	00	00
Maximum	0	0	0.0	0.0	0.0	0.0) 1	0.0	0.0		0.0		0.0	0.0	00
Median	Ň		vo.	ND	NC) 1	ND	NC)	ND		ND	ND	ND

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride		nlora dene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:DM-1											
Latest value											
09/13/91							4D	4700.0	_		
No, of observ	20						20	20			
No. of detects	20		-				0	18			-
Minimum	48.0						0	0.0			
Meximum	130000.0							22000.0			
Median	9500.0	430.0	NE) NC	482.5	ı i	ND	3000.0	18.0	595.0) NE
WELL NO .: DM - 2											
Latest value											
12/05/89) NC		_				VD 10	NC 10			- NO
No, of observ	8						0	7			
No. of detects	-			_	-		0	0.0	-		
Minimum	0.0										
Maximum Median	780.0 175.1						0.0 ND	150.0 73.4			-
Median	173.1	155.0	, NC	, ,,,	, Jo.,		10	70.7		, ,,,,	
WELL NO.:DM-3											
Latest value											
12/05/89							ND	430.0			
No. of observ	10						10	10			
No. of detects	10						0	10			
Minimum	26.5						0 0	28.9			
Maximum	1420.0						0.0	790.0			
Median	530.0	395.0	0.8	s NC	225.0)	ND	200.0	12 (230 () NI
WELL NO.:DM-4											
Latest value											
09/13/9	1 NO	1400.0) NO) NE	210.0)	D	280.0) NO	210 (
No. of observ	20	20	20	20	20)	20	20) 20) 10) 21
No. of detects	18	3 20) ;	2 (16	5	0	19	1:	3 (3
Minimum	0.0	52.0	0.0	0.0	0.0) (0 0	0.0	0.0	0 (0.0
Maximum	5100.0	4800.0	12.0	0.0	440.0)	0 0	2000.0	73.0	390.0	
Median	740.0	26 0.0) NE	ם או	161.5	5	ND	370.0	6.0	80 () N
WELL NO .: DM - 5											
Latest value											
09/12/9	1 9.2	2 NE	וא כ) NE) NE)	ND	NE) NI) N) NI
No. of observ	15		-	-			19	16		10) 11
No. of detects	10						٥	1;			1
Minimum	0.0			-			0.0	0.0		0 (0.0
Maximum	24000.0		-		170.0		0.0	630.0	2100.0	12.0	0.0
Median	64.0) NO)	ND	N) Ni) N () NI
WELL NO :: DM - 6											
Latest value											
09/12/9							ND	32.0			
No. of observ	20						20	20			
No, of detects	1;			0 (0	1			7
Minimum	0.0			-			0.0	0.6			
Maximum	87.0						0.0	330.0			
Median	11.0	34.0	D NI	D N	9.9	5	ND	34.	5 N	D 8.:	5 N
WELL NO.:DM-7						 -					
Latest value							_		_	_	
09/12/9	1 N (-			ND	N			
No. of observ	5.	1 2	1 2				21	2			
No. of detects	į	6 2			3 1		G	1:			8
Minimum	0.0	0 100.0	0.	0 0.0	0.		0.0	0.0	-		
Maximum	3.6	6 950.6	9 49	0 6.	250.	0	0.0	55.	0 14.	0 210.	0 0
MARKITTO IT	•										

. }

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chioro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:DM-8										
Latest value										
09/12/91										
No. of observ	19	• -								
No. of detects	0	-	-	_						
Minimum	0.0									
Maximum Median	0.0 ND									
WELL NO .: DM - 9										
Latest value										
12/04/89	ND	NO	ND.) NC) NE) NC) NO) NE	- -	- NO
No. of observ	10	10	10	10	10	10	10	10) 3	10
No, of detects	1	3	1) :	3 () ()	1 2	. 1
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maximum	9.1	24.0	16.0	0.0	6.3	2 0.0	0.0	9.6	6.2	1 4
Median	ND	NC) NE) NC) NI) NE) NE) Ni) NE) NO
WELL NO.:DM-10										
Latest value										
09/11/91	NO	: NO) NO) NE			-	-		_
No, of observ	18	18	18	18	14	8 18	3 18	3 18	3 10	_
No. of detects	8	14		•	3 1/	4 (
Minimum	0.0	0.0	0.0	0.0	0 (0 00	0.0	0.0		
Maximum	570.0	1100.0	0.0	110.0	7600.0	0.0	430.0	360 (7600.0	0.0
Median	ND	140.0	NC NC) NC	66.0	0 NC) N	5 (7.1	ND
WELL NO.:DM-11										
Latest value						D NE	וא כ) NI	וא כ) ND
09/05/90			_				-			
No. of observ	14					•				
No. of detects		-						-	4 (
Minimum	0.0						-		-	
Maximum	220.0									
Median	NC	14.5	s NC) או	31	0 N	א כ) NI	D 31.0) NC
WELL NO .: DM - 12										
Latest value										
09/10/91										
No. of observ	20					-	-			
No. of detects	1			_	-	0		-	-	
Minmum	0.0				-	-		-	•	
Maximum	0.4		•							
Median ,	NE) NI	וא כ) NI) N	D N	D NI	וא כ	D N	ם אכ
WELL NO.:DM-13										
Latest value					_	_	_	_		
09/12/91										
No. of observ	20) 20				0 21				
No. of detects	16						0 1			7 (
Minimum	0.0	111.0								
Maximum	2300.0	15000.0	0.0	D 140.0	D 200 0.	.0 0.1				
Median	52.5	1050.6) N	וא כ	D 250	0 N	D 12.	5 N	D 185.	D NC
WELL NO.:DM-14		,	,							
Latest value					_	_				
09/12/9										
No. of observ	20	2				0 2			0 1	
No. of detects	14	2	_				-			8 (
Minimum	0.0	760.	D 0.8	0 0.		.0 0.				
Maximum	460.0	18000.0	200.	0 15.						
Median	83.5	3762.	5 N	N C	D 195	0 N	D N	D N	D 125.	0 NC
. –	20.0									

	1,1,1 Trichloro ethane	Tri chlora ethylene	Tetra chioro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.: DM - 15										
Latest value										
09/13/91	2700.0	73000.0	NO.	NC NC	14000.0	N N	-			
No. of observ	18									
No. of detects	14						0 1			
Minimum	0.0						-			-
Maximum Median	4900.0 96.5		_							
WELL NO.:DM-16						,				
Latest value 09/10/91	15.0) NO) NO) NC	5.0) N	D N	וא כ	5.0) ND
No. of observ	17	_	_			7 1	7 17	7 1	7 10	17
No. of detects								0	D '	۱ 0
Minimum	0.0					-	-	-	-	
Maximum	33.0					-				-
Median	NC NC					-	· -		_	
WELL NO .: DM - 17										
Latest value										
09/10/91	NE NE) NO) NO) NE) NI		D N	-		-
No. of observ	19	19	19) 19			9 1	-	-	-
No. of detects		3 3) () (•	2	0	1	-	2 0
Minimum	0.0	0.0	0.0	0.0	0.0	0 0	0 0.	0 0	0 0.0	0 0
Maximum	16.0	34.0	0.0	0.0	7.:	3 0	0 2	2 0.	0 7.3	3 0.0
Median	NO) NC) N) NI	וא כ) N	D N	D N	D NI	ם אם
WELL NO.:DM~18							_,			
Latest value					_				.	
09/10/91							ID N			-
No. of observ	17						7 1			-
No. of detects	4			-	-	2	-	_		0 (
Minimum	0.0	0.0	0.0	0.0	0 .0	0 0	.D 0 .	-		-
Meximum	26.0	83.0). 0.0	0.0	37.9	0 0	, 0 0,			_
Median	N) NE) N) N) N	D N	D N	D N	D N	D NO
WELL NO.:DM - 19										
Latest value										
09/12/9	ı Ni	12.0) N	D N	D N	D N	ID N	D N	D N	
No. of observ	19	9 11	3 1:	9 1!	9 1	9 1	19 1	9 1	9 1	-
No. of detects		3 16	3	0	0	7	0	0	2	3 (
Minimum	a.				0 0.	0 0	.0 0.	0 0	0 0.	0 00
Maximum	12.0		-		0 17.	0 0	0 0.	0 2	.1 4.	1 0.0
Median	N		-	-			10 N	D N	D N	D N
WELL NO.:DM - 20)									
Latest value							_	_		
09/11/9	1 Ni	D NI						-	D N	
No. of observ	1	7 1	7 t							0 17
No. of detects		0	3	D		1	_	0		0
Minimum	0.	0 0.0	0 0.	0 0.			0.0		.0 0	
Maximum	0.		3 0.	0 0.	0 3.	.0 0	0.0	.0 0	.0 0	.0 0.
Median	N	D N	D N	D N	D N	D 1	ND N	D N	ID N	D N
WELL NO .: DM - 21	1									
Latest value										
09/11/9							-		_	ID N
No. of observ	1	7 1	7 1	7 1						0 1
No. of detects		0	1	G	o .	0	0	0	0	0
Minimum	0.			.0 0.	.0 0	.0 (0.0	.0 0		.0 0.
Maximum	0.	-			.0 0	.0 (0.0	.0 0	.0 0	.0 0.
Median	N							1 OI	4 Ot	ID NI
	14	_ ''	,					-		

•

Statistics for all DM Wells

	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
WELL NO.:DM - 22										
Latest value										
09/11/91						-	_	10 N(D ND 0 19
No. of observ	19					-	19 1		-	2 0
No. of detects	0.0		-	_		7	_	.0 0.0		
Minimum Maximum	36.0	-						.4 2.3	-	
Median	ND							iD N		
WELL NO.:DM-23										
Latest value								ID N		iD ND
09/12/91 No. of observ	ND 17					-		17 1		0 17
No, of detects	3					0	0			0 0
Minimum	0.0			_		-	-	.0 0.	-	-
Meximum	53.0				-			,8 0.0		-
Median	NC							ID N		D ND
WELL NO.:DM - 24										
Latest value						·n -	un •	ID N		D ND
09/11/91		-								10 ND
No. of observ	17						0			1 0
No. of detects	3					3	-	0.0 0	-	.0 0.0
Minimum	0.0				-				-	
Maximum Madina	47.0 ND						0.0 11 ND P	א סו		.9 0,0 ID ND
Median	NL	, NL	, NC	, NL	, ,		1 0 1	١٩		.,,,
WELL NO DM - 25										
Latest value										in 110
09/11/91			_				-	N OF		ID ND
No. of observ	17									10 17
No. of detects	3					0	0	_	0	0 0
Minimum	0.0							0.0	-	.0 0.0
Maximum	100.0			_				0.0		0.0
Median	NE) 1.9	e NC) NE	, ,	iD i	ND 1	ND N	י ט	ID ND
WELL NO.:DM - 26										
Latest value										
12/04/89	NE) NE) N [) NO	• •	ID I	ND P	4D N	D -	- ND
No. of observ	•	9	•	•	•	9	9	9	9	3 9
No. of detects	1	1	. () ()	2	0	1	0	1 0
Minimum	0.0	0.0	0.0	0.0) (.0 (0.0).0 0.	0 0	.0 0.0
Maximum	26.0	960.0	0.0	0.0	82	.0 (0.0	9.9	0 1	.0 0.0
Median	NC	ם או) NO) NO	1 ((D (ND 1	N ON	0 1	10 NO
WELL NO .: DM - 27										
Latest value										.nn.
09/11/91									-	ND ND
No. of observ	19									10 19
No. of detects	_ ;					2		_	0	2 0
Minimum	0.0									0.0 5.4 0.0
Meximum Madina	100.0									ND ND
Median	NO) NO) NO	, MI	, ,	6 0 (NU .	10 14		10 110
WELL NO.:DM - 28										
Latest value 09/10/91	n NE	o Ni	D N	D N	D 1	40	ND I	ND N	1D 1	4D NC
No. of observ	17				_					10 17
No. of detects					, D	0	0	0	0	0 0
Minimum	0.0			-	-		-			0.0
Maximum	1.									0.0

ŧ

Statistics for all DM Wells

WELL NO::DM - 29	1,1,1 Trichloro ethane	Tri chloro ethylene	Tetra chloro ethylene	Vinyl Chloride	1,2 Dichloro ethylene	Carbon Tetra chloride	1,1 Dichloro ethylene	1,1 Dichloro ethane	Total 1,2 Dichloro ethylene	Methylene Chloride
<u>i. elest value</u> 09/13/91	9.9	39.0	NO	ND ND	13.0	N	D NE) N	13.0	ND.
No. of observ	19			-					-	
No. of delects			-				0		D 7	
Minimum	0.0	* * *	_	_			- ,	-	-	
Meximum	140.0					-	-			0.7
Median	ND									ND ND
WELL NO :: DM - 30										
Latest value										
09/12/91	. NO	NO	NO) NE) NC	N	D N		_	
No. of observ	15	15	15	15	15	1	5 15		-	
No. of detects	4	4) ())	0	-	1	
Minimum	0.0	0.0	0.0	0.0	0.0) O.				
Maximum	38.0	11.0	0.0	0.0						
Median	NC) NC) NC) NE) NC) N	D N	א כ	D NO) , ND
WELL NO.:DM-31										
Latest value									_	
09/11/91	NE NE) NE) NE) ME			io di	_	_	
No. of observ	15	15	15	1 1	5 1:	5 1	5 1	-	5 10	
No. of detects	5	; 4				•	-	•	•	0 0
Minimum	0.0	0.0	0.0	0.0	0.0		.0 0.	-		
Meximum	99.0	4.3	0.0	0.0	0.0	0	.0 8			
Median	NE) NE) N() NI) NE) N	D N	D N	D N	O ND

	1,2 Dichloro ethane	Chloro form	Bramo form	Benzene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chiaro benzene	Toluene	Xylene	Chloro ethane	Ethyl benzene
WELL NO.DM-1											
Latest value 09/13/01	ND	NO	ND								-
No. of observ	20) NO	NO.	NO.	NC
No. of detects	5							20			
Minimum	0.0	•	•	_	•	-		1			
Meximum	830.0						0.0	0.0		•	
Median	ND		NO NO	0.0 ND					0.0		0.0
WELL NO.:DM-2											NC
Latest value											
12/05/89	NO	ND	ND	NO	ND	NO	••				
No. of observ	10	10	10	10	10	10	NO	NO	ND	NO	NO
No. of detects	1	4	0	Ö	. 0		10	10	10	10	10
Minimum	0.0	0.0	0.0	0.0	0.0	0	0	•	0	0	
Meximum	0.6	39.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	
Median	NO	ND	ND	ND	0.0 ND	0.0 ND	0.0 ND	0.0 NO	0.0 ND	0.0	0.0
WELL NO.DM-3									~	NO.	, N O
Latest value											
12/05/89	ND	NO	NO	NO	ND	NO	420				
No. of observ	10	10	10	10	10	10	NO	NO	NO	ND	NO
No. of detects	1	6	0	0	0		10	10	10	10	10
Minimum	0.0	0.0	0.0	0.0	_	1	0	0	0	0	0
Meximum	5.0	23.1	0.0		0.0	0.0	00	0.0	0.0	0.0	0.0
Median	NO	5.1	ND	0.0 ND	0.0 ND	1 1 NO	NO NO	0.0	0.0	0.0	0.0
WELL NO.:DM-4							~	NO	NO	NO	NO
Latest value											
09/13/91	NO	ND	NO	NO	ND						
No. of observ	20	20	20	20		NO	NO	ND	NO	ND	NO
No. of detects	3	7	1		20	20	20	20	20	20	20
Minimum	0.0	0.0		0	1	1	0	0	0	ō	0
Maximum	2.8		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-
Median	ND	32.0 NO	1.7 ND	0.0 ND	2.3 ND	1.2	0.0	0.0	0.0	0.0	0.0 0.0
WELL NO.:DM-5						NO	NO	NO	ND	ND	ND
Latest value											
09/1 2/91	ND	NO	ND								
No. of observ	19	19		NO	NO	NO	ND	NO	ND	NO	ND
No. of detects			19	19	19	19	19	19	19	19	
Minimum	_	_ 1	0	٥	0	1	0	Ō			19
Meximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0
Median	0.0 ND	1.2 ND	0.0 ND	0.0 ND	0.0 ND	6.0	0.0	0.0	0.0	0 0 0.0	0.0 0.0
MELL NO.:DM-6						NO	NO	NO	NO	ND	ND
alesi value											
09/12/91	NO	ND	ND	450							_
Va. of abserv	20	20		NO.	NO	NO	ND	ND	ND	ND	NO
to, of detects	20	20	20	20	20	20	20	20	20	20	20
linimum	0.0	_	0	. 1	0	0	2	ō	0	1	
Ausmum		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
ledian	1.2 ND	0.0 ND	0.0 ND	1.0 ND	0.0 ND	0.0	1.7	0.0	0.0	0.0 1.1	0.0 0.0
VELL NO.:DM-7			. •	.~	NU	ND	NO	NO	ND	ND	NO
alest value										·	
09/12/91	NO	NO	ND	M-0-14			<i>:</i> -				
a. of abserv	21			NO	ND	ND	ND	ND	ND	NO	ND
o. of detects	0	21	21	21	21	21	21	21	21	21	
nimum	_	0	0	0	0	0	2	Ö	0		21
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	_		0	. 0
Namum adia	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0
edien	ND	ND	NO	NO	ND			0.0	0.0	0.0	0.0
		. —			NU	ND	ND	ND	ND	ND	NO

(1

Statistics for all DM Wells

WELL NO.:DM-8	1,2 Dichloro ethane	Chloro form	Bromo form	Benzene	Chloro dibromo methane	1,1,2 Trichloro ethane	Chloro benzene	Toluena	Xylene	Chloro	Ethyl
Latest value									Ay	ethane	benzene
09/12/91	NO.						_				
No. of observ	19					NC.	NO.	ND	ND		
No. of detects	0	,,			19	19		19			
Minimum	_	•	•	•	•		• • •	0	19		••
Maximum	0.0	U. U		0.0	0.0		•	-	•		
Median	0.0		0.0	0.0				U.U		•.•	0.0
	NO	NO	NO		NO		U.U	0.0 NO	2.7 NO	U . U	
WELL NO.DM-9							•				
Latest value											
12/04/89	NO	ND	NO	330.0	NO						
No. of observ	10	10	10	10	10	NO.	ND	< 125	3400.0	NO	300.0
No. of detects	2	1	ō			10	10	10	10	10	10
Minimum	0.0	0.0	0.0	0.0	. 0	_ 0	0	7	9	1	9
Maximum	13.0	3.3	0.0	1300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Median	ND	ND	NO.	537.0	0.0 ND	0.0 ND	0.0 ND	11000.0	49200.0	5.0	5000.0
WELL NO.DM-10								47.5	3700.0	NO	53 0.0
Latest value											*
09/11/91	NO	NO	ND	ND	NO						•
No. of observ	18	18	18	18	_	NO	NO	ND	NO	NO	NO
No. of detects	1	0	Ö		18	18	18	18	18	18	18
Minimum	0.0	0.0	0.0	5	0	0	0	0	2	2	
Meximum	5.2	0.0		0.0	0.0	0.0	0.0	0.0	0.0		0
Median	ND		0.0	160.0	0.0	0.0	0.0	0.0		0.0	0.0
WELL NO::DM-11	NO.	NO	NO	NO	NO	ND	ND	ND	30.0 NO	16.0 ND	0.0 ND
Latest value 09/05/90	ND	NO									
No. of abserv	14	_	ND	NO	NO	ND	ND	ND			
No. of detects		14	14	14	14	14	14	14	NO	NO	NO
Minimum	٥	0	0	7	0	o	0		14	14	14
	0.0	0.0	0.0	0.0	0.0	0.0	_	6	10	0	9
Meximum	0.0	0.0	0.0	140.0	0.0		0.0	0.0	0.0	0.0	0.0
Median	ND	NO	ND	0.9	ND	0.0 ND	0.0 ND	130.0 ND	300.0 6.6	0.0 NO	80.0
MELL NO. DM-12							-		0.0	NO.	NO
atest value											
09/10/91	NO	NO	NO	NO							
lo. of observ	20	20	20		ND	NO	ND	ND	ND	ND	ND
lo. of detects	0	Ö	0	20	20	20	20	20	20	20	_
linimum	0.0	0.0	_	. 1	0	0	0	ō	ŏ	20	20
leximum	0.0		0.0	0.0	0.0	0.0	0.0	0.0	0.0	-	0
ledian	ND	0.0	0.0	1.6	0.0	0.0	0.0	0.0		0.0	0.0
		ND	ND	ND	ND	ND	ND	NO	0.0 NO	0.0 NO	0.0 ND
ELL NO.:DM-13											
stest value											
09/12/91	ND	ND	ND	MO							
a. of observ	20	20	20	NO S	NO	NO	ND	NO	NO	NO	NO
o. of detects	0	1	1	20	20	20	20	20	20	20	
inimum	0.0	0.0		4	0	0	0	1	1	2	20
e dimum	0.0		0.0	Q.O	0.0	0.0	0.0	0.0	0.0		0
edian	ND	2.6 ND	0.0 ND	12.0 ND	0.0 ND	0.0	0.0	560.0	30.0	0.0 7.2	0.0 0.0
ELL NO. DM-14					.•	NO	NO	70	NO	NO	NO
test value											
09/12/91	ND	NO	10								
a of observ	20		NO S	ND	ND	ND	NO	ND	NO	NO	• •
. of detects		20	20	20	20	20	20	20			ND
nimum	0	2	0	4	0	Š	0		20	20	20
NATION NOTICE OF THE PROPERTY	0.0	0.0	0.0	0.0	0.0	0.0		0	0	0	0
udinum udina	0.0	19.0	0.0	8.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
 Λ	ND					4.9	0.0	0.0	~ ~		
		NO	ND	NO	ND	NO	ND	ND	0.0	0.0	0.0

(-

	1,2 Dichloro ethane	Chiaro farm	Bromo form	Berzene	Chioro dibromo methane	1,1,2 Trichloro	Chiloro	_		Chloro	Ethyl
WELL NO.:DM-15					medane	ethane	benzene	Toluene	Xylene	ethane	benzene
Latest value 09/13/91	NO	NO	, ND	NO							
No. of observ	18			18			. —		NC NC	NC.) N
No. of detects	0									14	
Minimum	0.0	0.0				-	•			;	
Meximum	0.0			23				•.•		0.0	0.
Median	ND			ND							11.
WELL NO. DM-16									,	NL.) NC
Latest value											
09/10/91 No. of observ	NO	ND	ND	ND	NO	NO	NO	NO			
	17	17	17	17	17		17	-	ND	ND	
No. of detects	0	0	0	0	0	•••		17	17	17	• •
Minimum	0.0	0.0	0.0	0.0	0.0	•	•	0	0	0) (
Meximum	0.0	0.0	0.0	0.0	0.0	4.5		0.0	0.0	0.0	0.0
Median	NO	ND	NO	ND	NO	0.0 ND	0.0 ND	0.0 ND	0.0 ND	0.0 ND	
WELL NO.:0M-17											NC
Latest value 09/1 0/91	ND										.
No. of observ		ND	NO	ND	NO	NO	ND	ND	NO	40	
No. of detects	19	19	19	19	19	19	19	19	19	ND	ND
	0	0	0	0	0	0	0	٥		19	19
Minimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0
Meximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0
Median	ND	NO	NO	NO	NO	NO.	ND	0.0 ND	Q.O ND	0.0 ND	0.0 ND
MELL NO.:DM-18											
alest value											
09/10/91	ND	NO	NO	ND	NO	NO	ND				
to, of observ	17	17	17	17	17	17	17	NO	NO	NO	NO
to, of detects	0	0	٥		· 6	,,		17	17	17	17
Ainimum	0.0	0.0	0.0	0.0	0.0	۵,0	0	0	1	0	0
Awimum	0.0	0.0	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0
Aedian	NO	NO	NO	ND	ND	0.0 ND	0.0 NO	0.0 ND	6.0 ND	0.0 NO	0.0 ND
VELL NO. DM-19			•								
Alest value											
09/12/91	NO	NO	NO	NO	NO	ND	NO			_	
lo. of observ	19	19	19	19	. 19	19		NO	NO	NO	NO
lo. of detects	3	0	Ô	3	. 10		19	19	19	19	19
knimum	0.0	0.0	0.0	0.0	0.0	0	0	2	1	0	0
leximum	6.3	0.0	0.0	50.0		0 0	0.0	0.0	00	0.0	0.0
ledian	ND	ND	ND	ND	0.0 ND	0 0 N D	0.0 ND	2.1 ND	1.5 ND	0.0 ND	0.0 ND
ELL NO.:DM-20											
stest value 09/11/91											
OLOF Observ	NO	NO	NO	NO	ND	NO	NO	NO	NO		
o. of detects	17	17	17	17	17	17	17	17	17	ND	NO
	. 0	0	0	0	1	0	Ö	.,		17	17
inimum	0.0	0.0	0.0	0.0	0.0	0.0	0.0		1	0	0
edien edien	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0 0.0	0.0 4.1	0.0 0.0	0.0
	NO	ND	NO	NO	ND	ND	NO	ND	ND	ND	0,0 ND
ELL NO.:DM-21											
lest value 09/1 1/91	NO	ND									
A of observ			NO.	NO	ND	ND	NO	NO	NO	ND	NO
a of detects	17	17	17	17	17	17	17	17	17	17	
nimum	0	0	0	0	0	0	0	Ö	2	٠,	17
	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		0
Dámum -d'a	0.0	0.0	0.0	0.0	0.0	0.0	0.0			0.0	0.0
dien	ND	ND	NO	ND	ND	NO.0		0.0	29	0.0	0.0
		-	-	. •		NU	NO	ND	NO	NO	ND

,

•

	1,2 Dichloro ethane	Chiaro farm	Bromo form	Benzene	Chloro dibromo methene	1,1,2 Trichloro ethane	Chloro benzene	Toluene	Xylene	Chioro ethene	Ethyl
WELL NO.:0M-22								100010	Ay # 10	60 May 16	benzene
Latest value 09/1 1/91	NC) NC) NE) NO							
No. of observ	15										
No. of detects											
Minimum	0.0				•	_	-	-	-		-
Meximum	0.0		0.0								
Median	NC) NE) NE) NO	ND ND					•	
WELL NO.:0M-23											
Latest value 09/1 2/91	NO	NC NC) NC	٠							
No. of observ	17										. —
No. of detects	.,		• -			**				•	
Minimum	0.0	-			-	_	-	-	-		0
Meximum	0.0								•		
Median	ND			4.4							
WELL NO.DM-24											
Lalest value					*************************************						<u>-</u>
09/11/91	NO		_								, VO
No. of observ No. of detects	17		- •			17	17				17
Minimum	0.0	_	-	•	•	•	-	-	-	•	0
Maximum										0.0	0.0
Median	0.0 ND					0.0 ND	0.0 ND				
WELL NO.DM-25								,,,			
Latest value											
09/11/91	ND	NO	NO	ND	ND	ND	NO	ND	NO	ND	ND ND
No. of observ	17	17	17	17	17	17	17	17	17	17	
No. of detects	0	2	0	. 0	0	o	o				
Minimum	0.0		0.0	0.0	0.0	0.0	0.0	_	-	-	_
Meximum	0.0			0.0	0.0	0.0	0.0	0.0			
Median	NO	NO	NO	NO	ND	ND	NO	NO	NO	ND	
WELL NO.:DM-26											
Latest value											
12/04/89 No. of observ	NO	NO	NO	ND	ND	NO	ND	ND	ND	ND	NO.
No. of detects	0	9	9	_	0	9	9	9	9	9	9
Minimum	0.0	0.0	0.0	_	0	0	0	0	0	o	-
Meximum	0.0	0.0	0.0		0.0	0.0	0.0	0.0	0.0	0.0	
Median	ND	NO	NO	NO	0.0 ND	0.0 NO	0.0 ND	0.0 ND	0.0 ND	0.0 ND	
WELL NO. DM-27											
Latest value											
/ 09/11/91 No. of observ	ND	ND	NO	NO	ND	NO	NO	NO	ND	NO	NO
No. of detects	19	10	19	19	19	19	19	19	19	19	
Minimum	0.0	0 0.0	_	-	. 0	0	0	1	0	0	_
Maximum	0.0	0.0	0.0	0.0 0.0	0.0 0.0	0.0	0.0	0.0	0.0		
Median	ND	ND	NO	ND	ND	0.0 ND	0.0 ND	16.0 ND	0.0 ND	0.0 ND	
WELL NO. DM-28											
Latest value											
09/10/91	NO	ND	ND	ND	ND	NO	NO	ND	NO	NO	ND
No. of observ	17	17	17	17	17	17	17	17	17	17	
No. of detects	0	0	0	0	0	0	0	0	0	0	
Minimum Maximum	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Maximum Median	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
	NO	ND	ND	NO	NO	ND	ND	ND	ND	ND	ND

•

Statistics for all DM Wells

	1,2 Dichloro ethene	Chloro form	Bromo form	Benze	me	Chloro dibromo methane	1,1,2 Trichloro ethene	Chio		Toluene	Xylene		Chloro		thyl enzene
WELL NO.:DM-29									-4	75	.,				
Latest value															
09/13/91	NC.	N	D	ND	NO	NO.	N)	NC	N	D	ND		ND	NO
No. of observ	19) 1	9	19	19	19	1	9	16	1	9	19		19	19
No. of detects			0	0	C	• •		0	•)	0	0		0	0
Minimum	0.0) 0	0	0.0	0.0	0.0	0.	0	0.0	0	.0	0.0		0.0	0.0
Meximum	0.0	0	0	0.0	0.0	0.0	0.	0	0.0	•	.0	0.0		0.0	0.0
Median	NC	N	D	ND	ND) ND	N	•	NC) N	D	ND		NO	ND
WELL NO.DM-30															
Latest valve															
09/12/91	NE	N	D	NO	ND) ND	N	0	NO) N	D	ND		ND	NO
No. of observ	15	. 1	5	15	15	15	1	5	15	5 1	5	15		15	15
No. of detects	•)	0	0) ()	0	(0	0	0		0	0
Minimum	0.0	0	0	0.0	0.0	. 0.0	0.	0	0.0		.0	0.0		0.0	0.0
Meximum	0.0	0	0	0.0	0.0	0.0	0.	0	0.0		.0	0.0		0.0	0.0
Median	NC) N	D	ND	ND) ND	N	D	N) N	D	ND		ND	NO
WELL NO.:DM-31															
Latest value															
09/11/91	NC) N	D	NO	NC) NO	N	D	NE) (D	ND		ND	· ND
No. of observ	15	, 1	5	15	15	15	. 1	5	15	5 1	15	15		15	15
No. of detects	(•	0	0	•	•	ı	0	(0	0	0		0	0
Minimum	0.0) 0	0	0.0	0.0	0.0	0.	0	0.0		.0	0.0		0.0	0.0
Meximum	0.0) 0	0	0.0	0.0	0.0	0.	0	0.0	0 0	.0	0.0		0.0	0.0
Median	NC	Ň	D	NO	NC			D	NE		D	ND		ND	ND

.')

2

STROTHER FIELD SUPERFUND SITE COWLEY COUNTY, KANSAS

HISTORICAL DATA COMPILATION AND EVALUATION SUMMARY REPORT

Site: Stoffer Field ID # KSD980862726 Break: __le,3____ Other: Alled

Prepared for:

GREIF BROS. CORPORATION

Prepared by:

ALLIED ENVIRONMENTAL CONSULTANTS, INC.

Draft

Volume II - Figures

AEC File No. 94959-1-3449

October 17, 1997











































































