AP - 001

ANNUAL MONITORING REPORT

YEAR(S):

2002

Terracon

2002 ANNUAL GROUNDWATER MONITORING REPORT

FORMER BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO

TERRACON PROJECT NO. 68997611
February 2003

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ENVIRONMENTAL BUREAU
OIL CONSERVATION DIVISION

Prepared for:

HUNTSMAN POLYMERS CORPORATION
Odessa, Texas

Prepared by:

TERRACON
Las Cruces, New Mexico

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1.0 EXECUTIVE SUMMARY

This 2002 Annual Groundwater Monitoring Report documents the results of two semi-annual groundwater monitoring operations conducted by Terracon at the former Brickland Refinery site in Sunland Park, New Mexico. The semi-annual groundwater monitoring operations were conducted in June and December 2002. The report also contains summaries of the historical groundwater elevations and analytical data for the past five years. In addition, the report includes a summary of the free product recovery system. This monitoring and sampling program was conducted in accordance with the Groundwater Monitoring Plan included in Section 3.5 of the Stage 2 Abatement Plan as approved by Mr. Bill Olson of the New Mexico Oil Conservation Division (NMOCD) in his letter dated December 17, 1998.

Conclusions relevant to groundwater conditions and the remediation performance at the old Brickland Refinery are presented below.

- Results of the June 2002 sampling event indicate that benzene concentrations exceeded New Mexico Water Quality Control Commission (NMWQCC) standards in three monitoring wells; MW-4 (100 µg/L), MW-6S (48 µg/L), and MW-14 (11 µg/L). Benzene concentrations in the remaining six wells were below laboratory detection levels. Toluene, ethylbenzene, and xylenes were also detected in the sample MW-6S, but the concentrations were significantly below NMWQCC Standards (see Table 3).

- Results of the December 2002 sampling event indicate that neither benzene, toluene, ethylbenzene, nor xylene was detected in any of the samples collected.

- Polynuclear aromatic hydrocarbons (PAH) levels were below laboratory detection limits in the samples collected from the monitoring wells and the river during the June 2002 sampling event (see Table 4).

- The results for the analyses of the priority pollutant metals for the June 2002 monitoring event indicate that concentrations of boron detected in eight of the eleven samples (MW-7 and the two river samples are excluded) exceeded the NMWQCC levels. Iron levels exceeded NMWQCC standards in nine of the eleven collected from the wells and the river (MW-6S and the upstream river samples were below laboratory detection limits). Manganese exceeded NMWQCC standards in the samples with the exception of the upstream river sample. Selenium concentrations were in exceedence of NMWQCC standards in monitoring wells MW-6S, and MW-7. Minor concentrations of other listed metals were detected but were below NMWQCC standards. Lead was not detected in the eleven samples (see Table 5).

- Free-phase product was not detected in any of the monitoring wells during the June or December 2002 monitoring events. However, one well point (WP-26S) had a free-phase product thickness of 1.80 feet in June 2002, and two well points, WP-26S and WP-27D had measurable thickness of 0.13 feet and 0.46 foot, respectively during the December 2002. Free-phase product levels in well points WP-26S and WP-27D are consistent with prior years' results for December (see Table 6).

- Since the installation of the Xitech product recovery system in December 1998, a total of approximately 90 gallons of free-phase product and water have been removed from recovery well MW-10.

2.0 INTRODUCTION

2.1 Background

The Brickland Refinery Site is located in Sunland Park, New Mexico and herein known as the site. The site consists of approximately 33 acres situated along the west bank of the Rio Grande (see Figure 1). From 1933 to 1958, the site was operated as a petroleum refinery and was producing both gasoline and jet fuel. Huntsman (formerly Rexene Corporation) currently owns the site, which was closed and the plant dismantled in 1958. Between 1964 and 1989, the site was leased to various parties to service trucks, conduct automobile salvage operations, graze livestock and store used bricks.

Petroleum hydrocarbons from the operations of the facility have been detected in soil and groundwater at the site. The nature and extent of the petroleum hydrocarbons were initially investigated by Eder and further quantified by GCL and BDM. These investigations provided the basis for the Stage 2 Abatement Plan. The Stage 2 Abatement Plan provides the methods for abating contamination of groundwater and soil in compliance with New Mexico Water Quality Control Commission (WQCC) regulations on prevention and abatement of water pollution (20NMAC 6.2, Subpart IV), and New Mexico Oil Conservation Division requirements to protect public health and the environment with respect to wastes from the refinement of crude oil (§70-2-12.B(22) NMSA 1978).

As part of the Stage 2 Abatement Plan Terracon has maintained a stand-alone free-phase product recovery system on the site. The system was installed in December 1998 and site visits are now being made approximately every four weeks for maintenance of the system and general observation of the site. The site layout and monitoring well and sampling locations are shown on Figure 2.

2.2 Scope of Services

Terracon performed groundwater monitoring at the subject site on a semi-annual basis in June and December 2002. The proposed monitoring program was conducted in accordance with the Groundwater Monitoring Plan and Stage 2 Abatement Plan as approved by Mr. Bill Olsen of the New Mexico Oil Conservation Division (NMOCD) in his letter dated December 23, 1998. The following scope of services was performed for the semi-annual monitoring events as required by the Groundwater Monitoring Plan and Stage 2 Abatement Plan. Tasks were conducted in general accordance with applicable NMOCD, New Mexico Environment Department (NMED) and Environmental Protection Agency (EPA) regulations, procedures and guidelines.

The semi-annual monitoring included the following items as required by the Groundwater Monitoring Plan and Stage 2 Abatement Plan as approved by the NMOCD.

- Measured depth to groundwater for the ten on-site monitoring wells and eight off-site monitoring wells. The water level is measured but not reported for the fourteen well points since the well points are designed only for the purpose of detecting the presence of free-phase product at the measured depths.

- Measured free-phase product thickness in the eighteen monitoring wells and fourteen well points, and provide a summary of the free-phase recovery system performance.

- Submitted groundwater samples collected from nine (9) monitoring wells in June and December 2002 (MW-3S, MW-3D, MW-4, MW-6S, MW-6D, MW-7, MW-9S, MW-14, and MW-15), and the five (5) offsite wells in December (MW-9S, MW-6D, MW-6S, MW-3D, and MW-3S for laboratory analytical testing. Analytical testing for the June monitoring event included benzene, toluene, ethlybenzene and total xylenes (BTEX), PAH, and nineteen priority pollutant metals. Samples were analyzed for BTEX for the December monitoring event.

- Submitted two water samples collected from the Rio Grande during each semi-annual sampling event for laboratory analytical testing. One sample was collected from the upstream end of the site north of MW-1 and the other sample collected from the downstream end of the site south of MW-9S.

- Coordinated Waste Disposal with Rhino Environmental Services of El Paso, Texas.

- Prepared Daily Field Reports for monthly site visits.

- Prepared this Annual Groundwater Monitoring Report which includes the following elements required by the approved Groundwater Monitoring Plan and Stage 2 Abatement Plan.

    1. A description of the monitoring activities that occurred during the year, with corresponding conclusions and recommendations.

    2. Summary tables of the past and present laboratory analytical results of groundwater and surface water sampling.

    3. Plots of concentrations versus time for contaminants of concern for the groundwater monitoring wells MW-3S, MW-3D, MW-4, MW-6S, MW-6D, MW-7, MW-9S, MW-14 and MW-15.

4. Copies of laboratory analytical reports for the sampling activities conducted at the site during the past year.

5. Plots of water table elevation versus time for the groundwater monitoring wells.

6. Groundwater surface contour maps for the two 2002 semi-annual monitoring events based on groundwater elevations obtained from the monitoring wells.

7. BTEX concentration maps for the two 2002 semi-annual monitoring events.

8. Free-phase hydrocarbon thickness maps for the two 2002 semi-annual monitoring events.

3.0 GROUNDWATER ELEVATION, HYDRAULIC GRADIENT AND FLOW DIRECTION

The hydraulic gradient beneath the former Brickland Refinery is relatively level. The hydraulic gradient in June 2002 was approximately 0.0018 foot per foot and groundwater flow direction is estimated to be S 12^0 E. The hydraulic gradient in December 2002 was almost identical to June; however the flow direction was approximately S 24^0 E.

Historical groundwater elevations for the monitoring wells are provided in Table 1. Water levels are not listed for the well points because the well points were specifically designed to detect free-phase product at discrete depth and the screen intervals do not correlate with the monitoring well screens. Groundwater elevation contour maps for the June 2002 and December 2002 monitoring events are depicted in Figures 3a and 3b, respectively.

Groundwater levels in the monitoring wells are influenced by the stage of the Rio Grande bordering the site. Due to seasonal fluctuations in the river, water levels in the monitoring wells may vary as much as 2 feet over the course of a year. Groundwater elevations in June 2002 correlate well with the higher levels measured during the summer months of previous years. Similarly, the groundwater elevations in December 2002 correlate well with the lower levels measured during the winter months of previous years.

Gage heights for the gage station located on the Rio Grande (near the Courchesne Bridge in west El Paso) in close proximity to the site were obtained from the International Boundary and Water Commission (IBWC). A graphical plot of gage heights versus time (1993 to present) demonstrates that during the summer months the Rio Grande is usually at its highest stage which correlates with the higher groundwater elevations measured during the same periods. The graphical plot of gage heights versus time is presented on Figure 3c included in Appendix A.

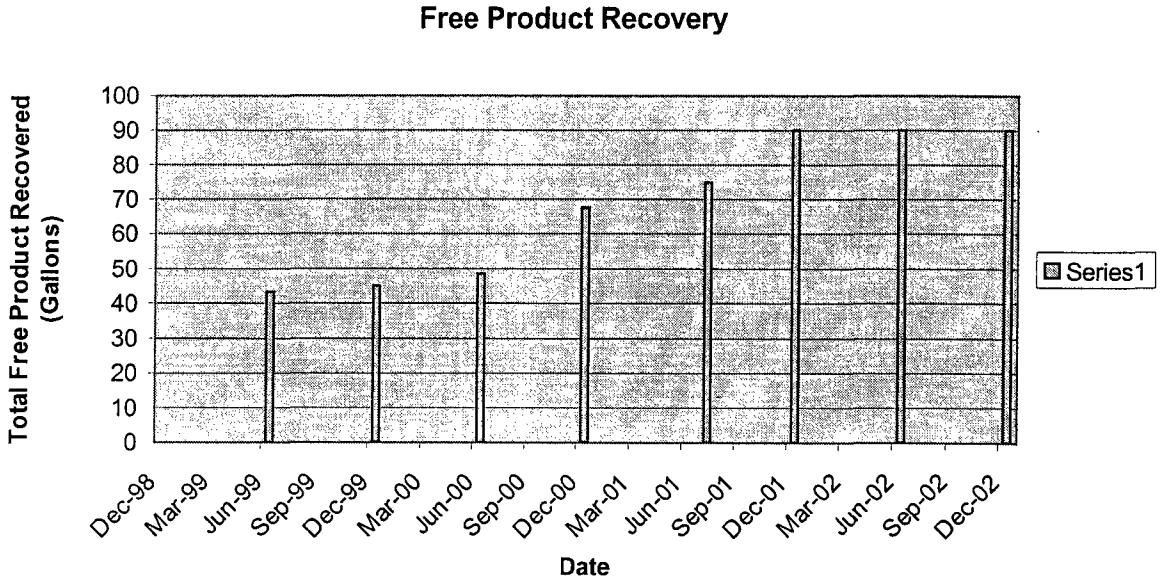
4.0 FREE-PHASE PRODUCT REMOVAL

4.1 Free-Phase Product Thickness

Free-phase product thickness in each monitoring well and well point was measured with a KECK oil/water interface meter. The June and December 2002 and historical product thickness measurements for each monitoring point are listed in Table 6. Free-Phase Hydrocarbon Thickness maps for the June and December 2002 monitoring events are depicted in Figures 6a and 6b, respectively. Monitoring points with measurable thicknesses of free-phase product during the June and December 2002 monitoring events are summarized below. Recovery well MW-10 has not contained any measurable accumulation of free-phase product since the 2000 sampling event. Both monitor well and well point (WP) measurements are consistent with prior assessments.

4.2 Removal and Off-Site Destruction of Free-Phase Product and Contaminated Groundwater

As of December 14, 2002, a total of approximately 90 gallons of free-phase product had been removed from recovery well MW-10 (see chart below). None of this amount was removed during the year 2002.



Additionally, a total of 324 gallons and 149 gallons of water were purged from the sampled monitoring wells during the June and December 2002 monitoring events, respectively.

Terracon coordinated and subcontracted with Rhino for the off-site destruction of the contaminated groundwater. The purged groundwater of each monitoring event was stored in a 325-gallon polyethylene tank by Terracon field personnel. The tank was transported from the site to Rhino for off-site destruction of the contaminated groundwater. No free-phase product from recovery well MW-10 was disposed in 2002. At the time of this report, the free-phase product tank was less than one-half full, therefore off-site destruction has not been initiated.

5.0 SAMPLE COLLECTION AND LABORATORY ANALYTICAL TESTING PROCEDURES

The ten on-site monitoring wells and eight off-site monitoring wells were checked for the presence of free-phase product using a KECK oil/water interface meter. Generally, if any detectable free-phase product was found in the wells, the thickness was measured and no sample would be collected from that well; however, no free-phase product was found in the wells to be sampled. The static water surface elevation in each well was measured and recorded for the wells that did not have detectable free-phase product. The static water surface elevations for the two monitoring periods are shown in Table 2.

Nine monitoring wells (MW-3S, MW-3D, MW-4, MW-6S, MW-6D, MW-7, MW-9S, MW-14, and MW-15) were sampled in the June 2002 sampling event to monitor the potential exposure pathway for contaminants of concern to reach the Rio Grande River. In general, the nine wells were sampled by removing approximately three (3) well casing volumes of water from each well, using a submersible mini-purger pump with silicon tubing. During purging, the water quality characteristics of temperature, pH and specific conductivity were measured using a Hydac Model 910 pH/temperature/conductivity meter to confirm that these three characteristics had stabilized before the samples were collected. The mini-purger pump was decontaminated between wells by pumping an Alconox-water mixture through the system, then rinsing/pumping clean water through the system twice. Monitoring wells MW-3S and MW-6S were purged dry in the June 2002 monitoring event. Only five wells (MW-3S, MW-3D, MW-6S, MW-6D and MW-9S) were sampled in the December monitoring event. Monitoring wells MW-6S and MW-3S were again purged dry in the December 2002 event. Of the estimated three well casing volumes of twenty gallons total, only seventeen and nine gallons were able to be purged from MW-3S during the June and December 2002 monitoring events, respectively. Of the estimated nineteen gallons that was to be purged from MW-6S, only twelve gallons and seven gallons could be purged during the June and December 2002. The Groundwater Sampling Data Sheets are provided in the Appendix C.

A total of 325 gallons and 149 gallons of water were purged from the sampled monitoring wells during the June and December 2002 monitoring events, respectively. The purged water was disposed of by Rhino Environmental Services of El Paso, Texas, a licensed waste disposal contractor. A disposal manifest is enclosed in the Appendix D.

Groundwater samples were collected from each well after purging. A duplicate sample of MW-4 was collected during the June monitoring event. For the December 2002 event the duplicate sample was collected from MW-6S. One set of samples was collected in air-tight, septum-sealed, 40-ml glass VOA sample vials with zero head space and preserved with hydrochloric acid (HCl) and refrigeration. These samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8021.

During the June 2002 sampling event, a second set of water samples was collected from each sampled well in one-liter amber-colored bottles for analysis for polynuclear aromatic hydrocarbons (PAH) using EPA Method 8270C/625. A third set of water samples was collected in 500 ml bottles containing nitric acid (HNO_3) as preservative for analysis for priority pollutant metals using appropriate EPA Methods.

The water samples were placed in an ice-filled cooler immediately after collection and shipped to NEL in Las Vegas, Nevada for laboratory analysis. Chain-of-custody (C-O-C) forms, documenting sample identification numbers; the required analysis for each sample; collection times; and delivery times to the laboratories, were completed for each set of samples. A summary of the purging, volume purged from each well, and sampling methods is provided in Table 1. The laboratory results of the analyses of the water samples and C-O-C forms are provided in Appendix C.

6.0 GROUNDWATER ANALYTICAL TEST RESULTS

6.1 Benzene, Toluene, Ethlybenzene and Total Xylenes (BTEX)

A historical listing of BTEX concentrations for five offsite monitoring wells (MW-3S, MW-3D, MW-6S, MW-6D, and MW-9S) and four on-site monitoring wells (MW-4, MW-7, MW14, and MW-15) is summarized in Table 3. This table lists BTEX concentrations for the period from December 1998 to December 2002. BTEX concentrations for sampling events prior to December 1998 are included in previously submitted reports.

6.1.1 Analyses

Laboratory results from the June 2002 sampling event indicate that benzene concentrations were above NMWQCC standards in three wells, MW-4 (100 µg/L), MW-6S (48 µg/L), and MW-14 (11 µg/L). Benzene was not detected in the other wells. Trace concentrations of toluene, ethylbenzene and xylenes were detected in MW-6S. No hydrocarbon pollutant was detected in the other wells.

Laboratory results for the December 2002 sampling event indicate that no hydrocarbon was detected in the samples collected.

Hydrocarbon concentration maps displaying the benzene concentrations for the two 2002 sampling events are presented in Figure 4a (June 28, 2002) and Figure 4b (December 6, 2002). The relationship between benzene concentrations and static water level for MW-3S, MW-3D, MW-4, MW-6S, MW-6D, MW-7, MW-9S, MW-14, and MW-15 are depicted in Figures 5a through 5i, respectively. The laboratory reports and Chain of Custody (COC) documentation are included in Appendix C.

6.1.2 Comparison to Prior Data

In general, of the five off-site wells located on the eastern perimeter of the site (MW-3S, MW-3D, MW-6S, MW-6D, and MW-9S), MW-6S continues to exhibit BTEX concentration levels above the NMWQCC standards. This exceedence however, appears to occur only in the summer months, and for the June 2002 semi-annual monitoring event MW-6S exhibited benzene concentrations above NMWQCC standards. MW-6S also had detectable concentrations of toluene, ethylbenzene and xylene, but these concentrations were well below NMWQCC standards.

The BTEX results from the four on-site wells (MW-4, MW-7, MW-14, and MW-15) indicate a decline in benzene and hydrocarbon concentration on the site over previous years' investigations. MW-4 and MW-14 were the only on-site wells that exhibited a benzene concentration above NMWQCC standards in the two 2002 monitoring events. The other analytes were either below laboratory detection limits or below NMWQCC standards.

6.2 Polynuclear Aromatic Hydrocarbons (PAHs)

Historical analytical results for PAHs for five offsite monitoring wells (MW-3S, MW-3D, MW-6S, MW-6D, and MW-9S) and four on-site monitoring wells (MW-4, MW-7, MW14, and MW-15) indicate that no PAH has been detected since 1999. Based on the results of the PAH analyses in the June 2002 monitoring event, it appears that groundwater under the site has not been adversely impacted by PAHs. Nor has the surface water in close proximity to the site been impacted by PAHs. As a result, no PAH concentration map was constructed. The results of PAH for the past five years are listed in Table 4. PAH concentrations for sampling events prior to December 1998 are included in previously submitted reports.

6.3 Priority Pollutant Metals

Historical (1998 through 2002) groundwater and surface water (Rio Grande) sample analytical results, for Priority Pollutant metals (antimony, arsenic, beryllium, cadmium, chromium, copper, lead, mercury, nickel, selenium, silver, thallium, and zinc) are presented in Table 5. Seven metals (aluminum, barium, boron, cobalt, iron, manganese, and molybdenum) were added to the list in 2001, since they are regulated metals under NMOCD. The NMWQCC standards are also listed in the tables for comparison. Constituents with concentrations above the NMWQCC standards in 2002 are highlighted in boldface type. Analytical results for years prior to 1998 are included in previously submitted reports. The results of the analyses for metals for the 2002 semi-annual monitoring event indicate that boron concentrations exceeded NMWQCC standards in the water samples except the sample collected from MW-7 and the two river samples (both upstream and downstream). Iron concentrations exceeded NMWQCC standards in the samples except MW-6S (borderline reading at 1.00 mg/L) and the upstream river sample. Additionally, manganese levels exceeded NMWQCC standards in the samples except the upstream river sample. Selenium exceeded NMWQCC standards in monitoring wells MW-6S and MW-7. Minor concentrations of some of the other listed metals were detected, but were below NMWQCC standards.

7.0 REMEDIATION SYSTEM PERFORMANCE

A product recovery system was installed at recovery well MW-10 as recommended in the approved Stage 2 Abatement Plan. Installation of the Xitech product recovery system was completed on December 23, 1998. The product recovery system was installed due to the presence of free-phase product, concentrated near the south portion of the site. The product recovery system consists of the following components:

1. Xitech Model ADJ 1000 Smart Skimmer with polyethylene tubing.
2. Xitech Model 2500 ES Electronic Timer powered by a 12-volt battery with solar panel.
3. 80-gallon fiberglass-reinforced plastic (FRP) tank for product recovery containment with automatic shutoff sensor.
4. One K-size (220 cubic feet) bottle of nitrogen gas with regulator to supply.
5. The components listed above are mounted on a metal stand.
6. The components listed above are contained within a 300-gallon capacity corrugated galvanized steel stock tank for secondary containment.
7. The Xitech recovery system and monitoring well MW-10 are enclosed within a 10-foot long by 10-foot wide by 8-foot tall chainlink fence. The top foot of the fence has 3 strands of barbed wire. Access is provided through a 5-foot wide locked gate.
8. The components listed above are situated on a 6-inch layer of gravel.

A schematic drawing and specifications of the installed Xitech product recovery system is provided in Appendix D. The system does not contain any below-grade lines; therefore no pressurized integrity testing is required. Site visits are now conducted at approximately monthly intervals to monitor system performance, adjust pump cycle if deemed appropriate, replace the bottled nitrogen supply when necessary, perform maintenance to system components, and to check for any vandalism.

8.0 CONCLUSIONS

Conclusions relevant to groundwater conditions and the remediation performance at the Brickland Refinery are presented below.

- Results of the June sampling event indicate that benzene concentrations exceeded New Mexico Water Quality Control Commission (NMWQCC) standards in three monitoring wells; MW-4 (100 µg/L), MW-6S (48 µg/L), and MW-14 (11 µg/L). Benzene concentrations in the remaining six wells were below laboratory detection levels. Toluene, ethylbenzene, and xylenes were also detected in the sample MW-6S, but the concentrations were significantly below NMWQCC Standards (see Table 3).

- Results of the December sampling event indicate that neither benzene, toluene, ethylbenzene, nor xylene was detected in any of the samples collected.

- Polynuclear aromatic hydrocarbons (PAH) levels were below laboratory detection limits in the samples collected from the monitoring wells and the river during the June sampling event (see Table 4).

- The results for the analyses of the priority pollutant metals for the June 2002 monitoring event indicate that detected concentrations of boron in eight of the eleven samples (MW-7 and the two river samples are excluded) exceeded the NMWQCC levels. Iron levels exceeded NMWQCC standards in nine of the eleven collected from the wells and the river (MW-6S and the upstream river samples were non-detect). Manganese exceeded NMWQCC standards in all samples except the upstream river sample. Selenium exceeded NMWQCC standards in monitoring wells MW-6S, and MW-7. Minor concentrations of a few of the other listed metals were detected but were below NMWQCC standards. Lead was not detected in any of the eleven samples (see Table 5).

- Free-phase product was not detected in any of the monitoring wells during the June 2002 or December 2002 monitoring event. However, one well point (WP-26S) had a free-phase product thickness of 1.80 feet in June 2002. Product thickness was measurable in two well points, WP-26S (0.13 feet) and WP-27D (0.46 foot) during the December 2002 monitoring event. Free-phase product levels in these two well points are consistent with prior years' results at similar sampling times (see Table 6).

- Since the installation of the Xitech product recovery system in December 1998, a total of approximately 90 gallons of free-phase product and water have been removed from recovery well MW-10.

9.0 RECOMMENDATIONS

The following recommendations are proposed for the remediation system and monitoring operations at the Brickland Refinery.

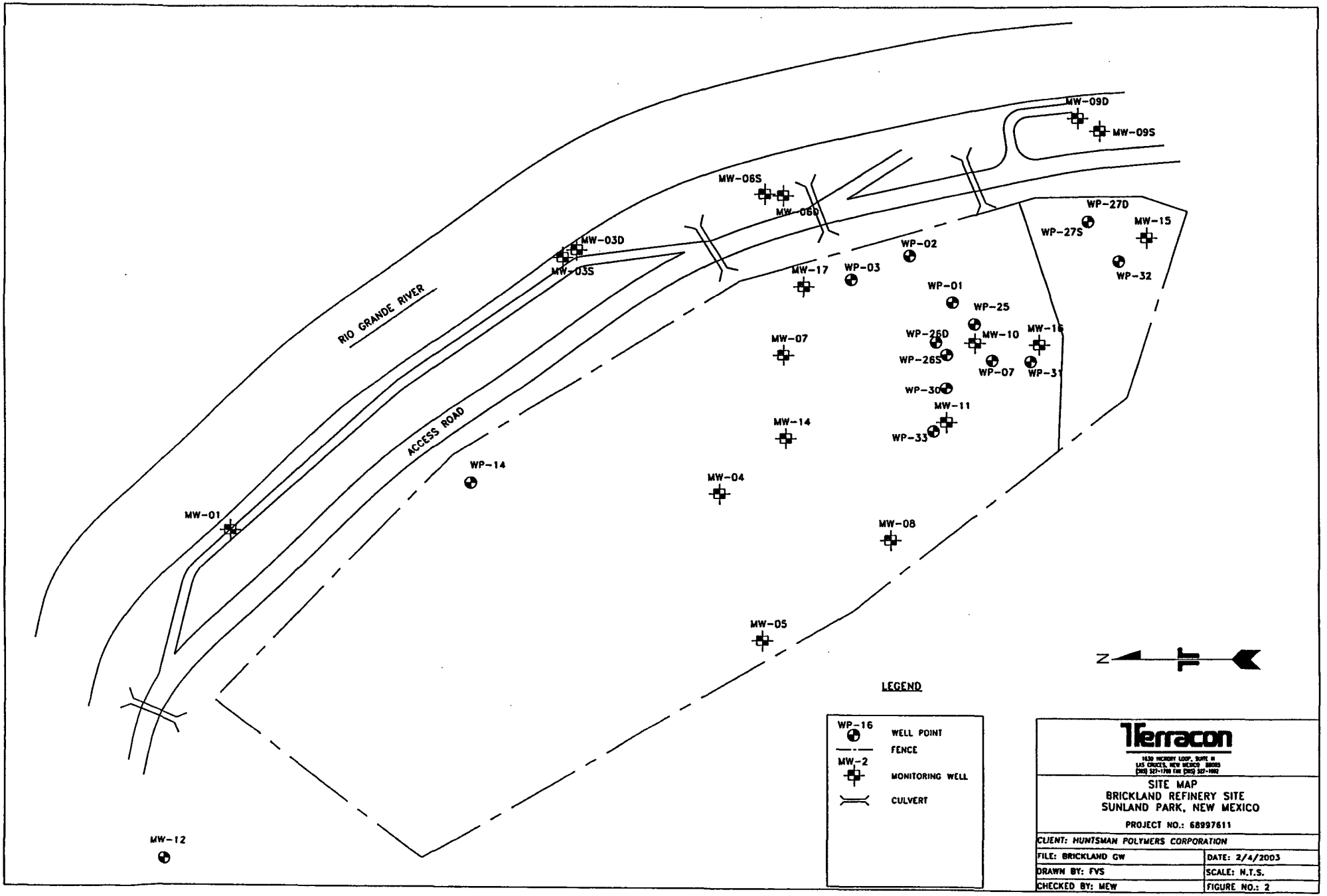
- Continue free product recovery operations since the present system has been effective in recovering free product from MW-10.

- Continue with the existing sampling and monitoring program on a semi-annual basis. The next sampling event is scheduled for June 2003. Check recovery well, MW-10 for at least one more year to assess if free-phase product is present.

- Since the groundwater does not appear to be adversely impacted by PAH, as evidenced throughout eight years of monitoring, analysis of PAH may be an unnecessary expense.

- Well points that are dry or have never contained measurable or trace amounts of free-phase product could be removed from the monitoring plan. These well points include the following: WP-3, WP-30, WP-31, and WP-32. The other well points should be maintained for semi-annual monitoring.

APPENDIX A: FIGURES



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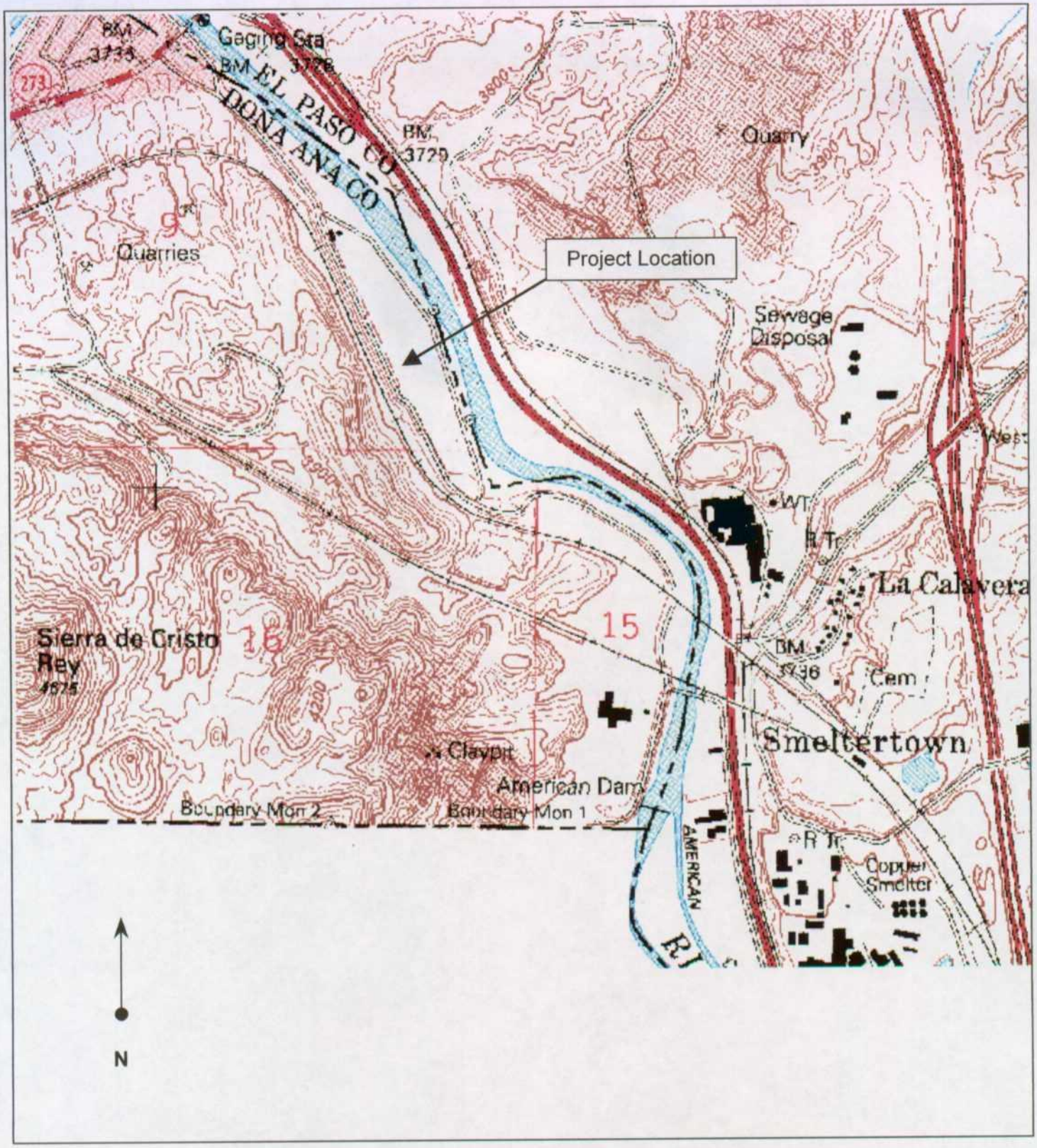
1639 HICKORY LOOP, SUITE H
LAS CRUCES, NEW MEXICO 88005
(505) 521-1700 FAX (505) 521-1982

SITE MAP
BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO

PROJECT NO.: 68997611

CLIENT: HUNTSMAN POLYMERS CORPORATION	
FILE: BRICKLAND GW	DATE: 2/4/2003
DRAWN BY: FVS	SCALE: N.T.S.
CHECKED BY: MEW	FIGURE NO.: 2



SOURCE: USGS TOPOGRAPHIC MAP, 7.5-MINUTE SERIES,
"Smeltertown, New Mexico, 1973".

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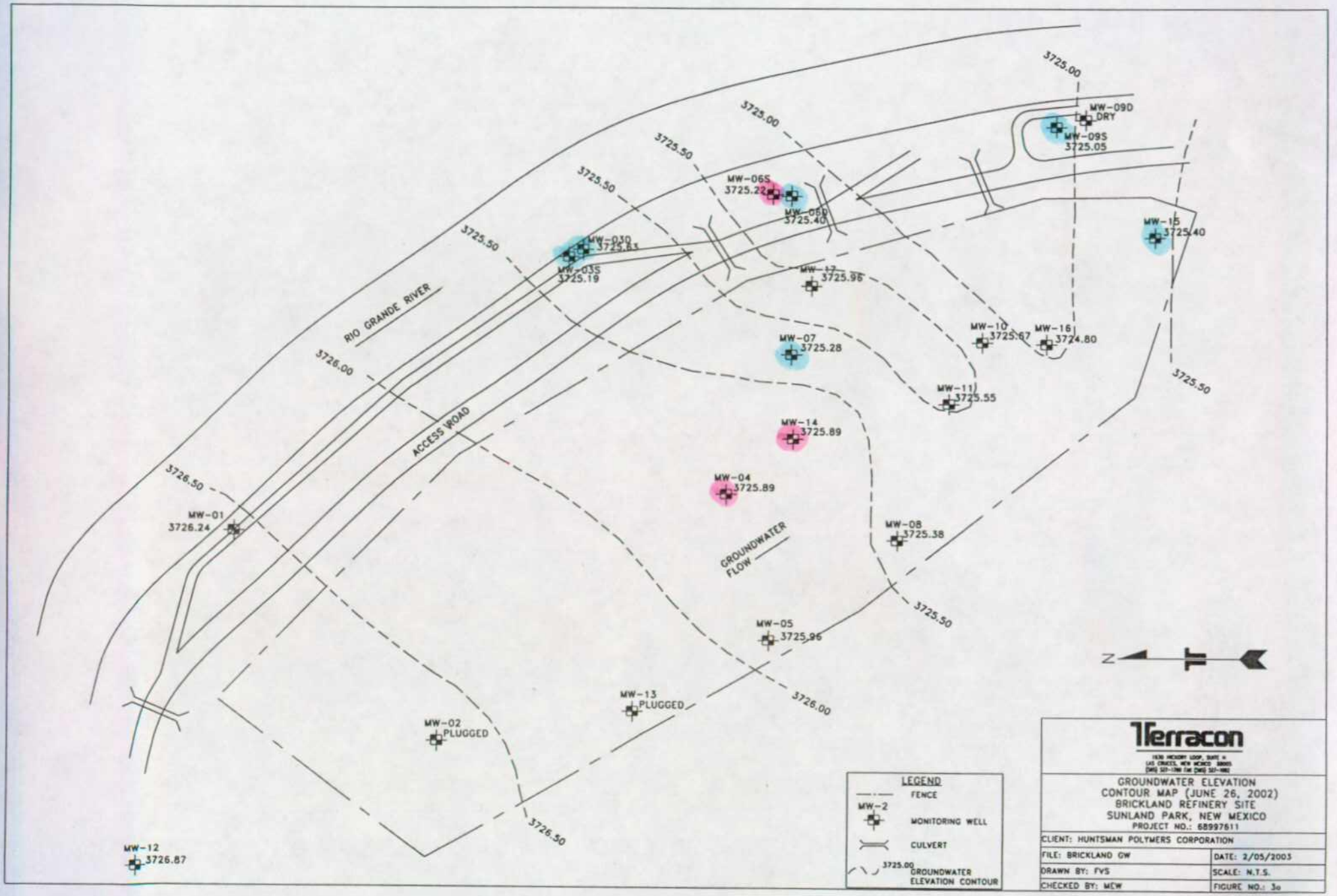
SITE LOCATION MAP

Brickland Refinery Site
Sunland Park, New Mexico

Project No. 68997611
Date: February 2003
Scale: 1 in. = 1000 ft. (approx.)

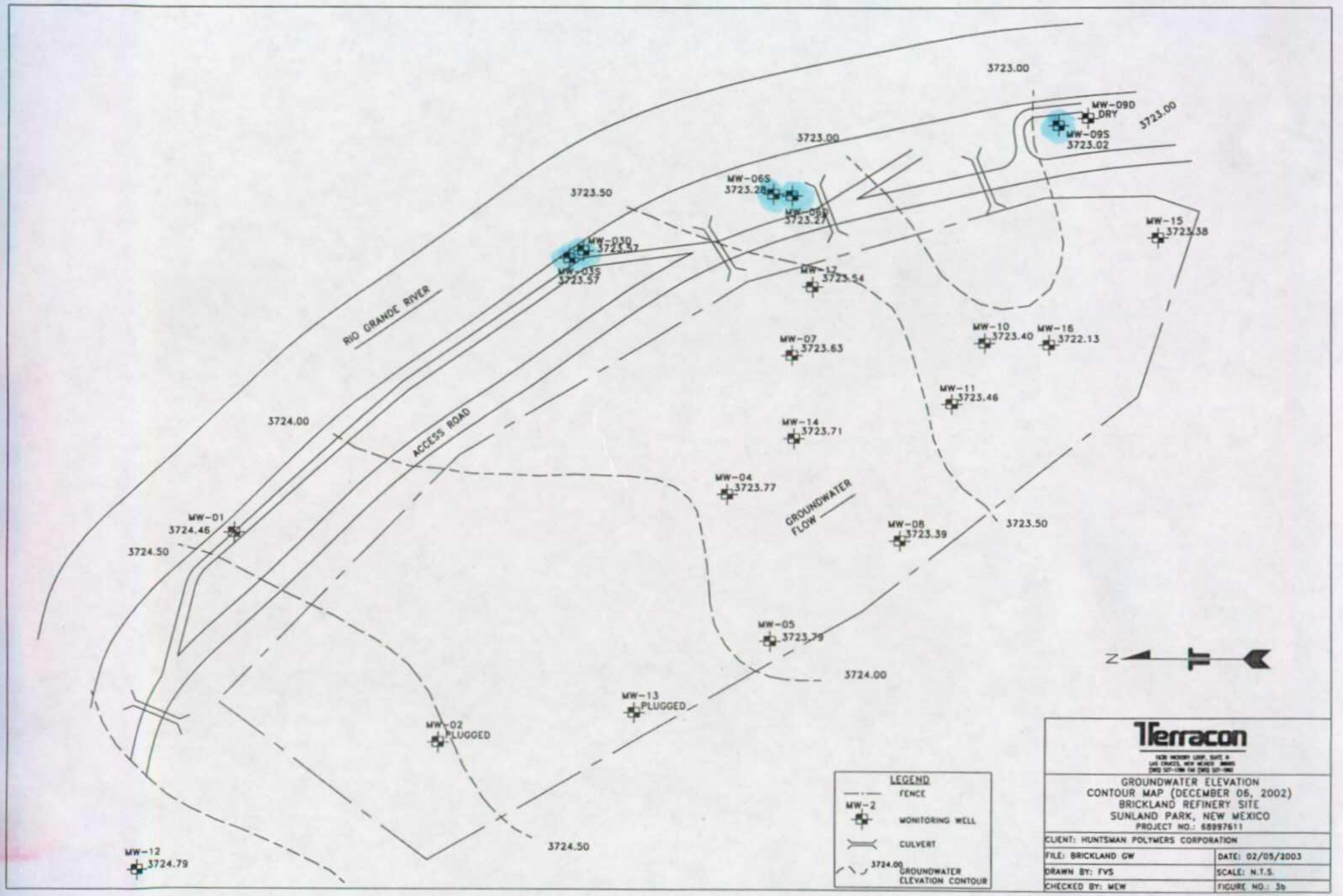
FIGURE 1

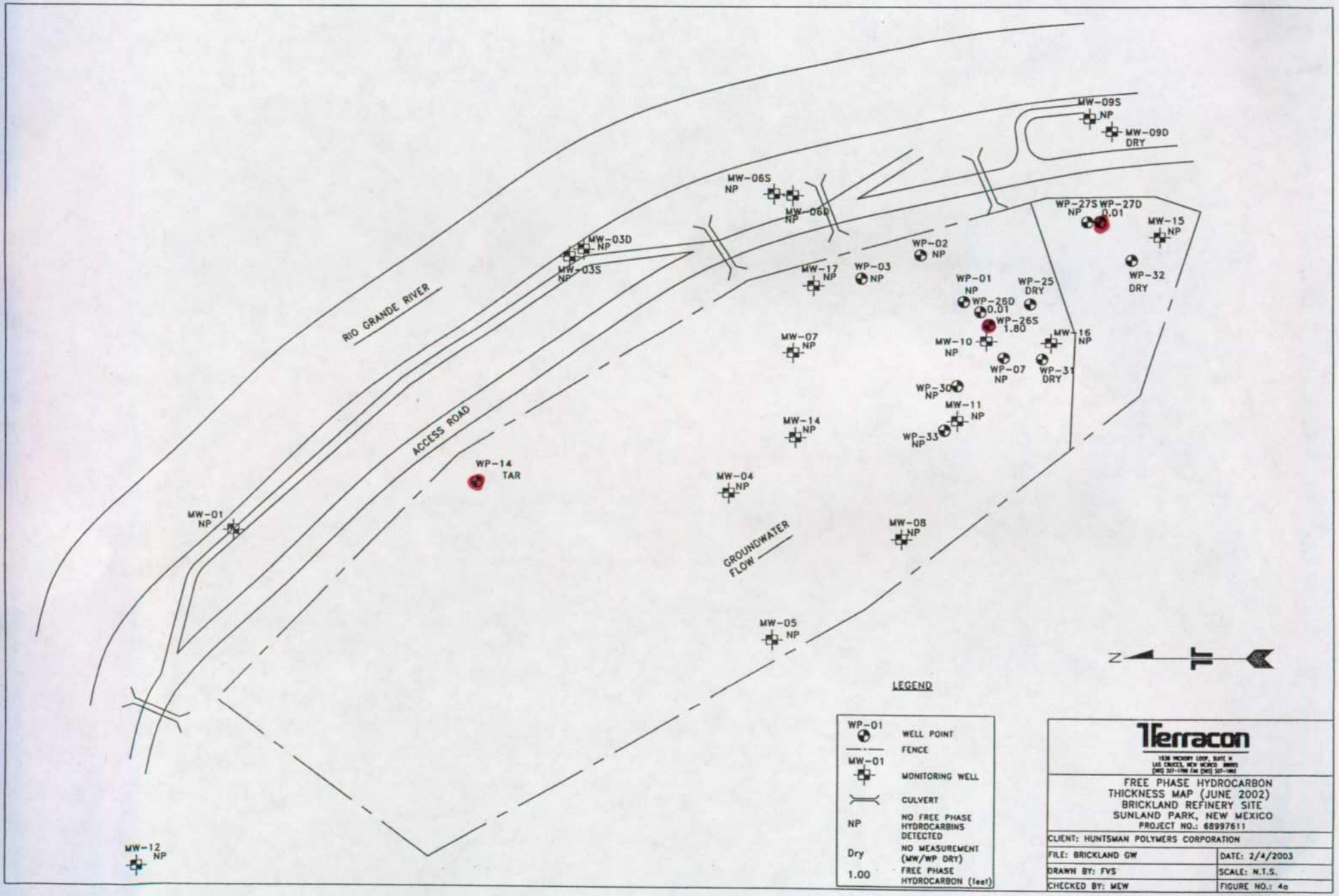


Terracon

GROUNDWATER ELEVATION
CONTOUR MAP (JUNE 26, 2002)
BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO
PROJECT NO.: 68997611

CLIENT: HUNTSMAN POLYMERS CORPORATION	
FILE: BRICKLAND GW	DATE: 2/05/2003
DRAWN BY: FVS	SCALE: N.T.S.
CHECKED BY: MCW	FIGURE NO.: 3a


3723.00
MW-09D
DRY
MW-09S
3723.02
3723.00
3723.00
3723.50
MW-06S
3723.28
MW-06D
3723.27
MW-15
3723.38
MW-03D
3723.57
MW-03S
3723.57
MW-17
3723.54
RIO GRANDE RIVER
MW-10
3723.40
MW-16
3722.13
MW-07
3723.63
MW-11
3723.46
3724.00
ACCESS ROAD
MW-14
3723.71
MW-04
3723.77
GROUNDWATER
FLOW
MW-01
3724.46
3724.50
MW-08
3723.39
3723.50
MW-05
3723.79
N
3724.00
MW-13
PLUGGED
MW-02
PLUGGED
3724.50
MW-12
3724.79
LEGEND
FENCE
MW-2
MONITORING WELL
CULVERT
3724.00
GROUNDWATER
ELEVATION CONTOUR
Terracon
GROUNDWATER ELEVATION
CONTOUR MAP (DECEMBER 06, 2002)
BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO
PROJECT NO.: 68997611
CLIENT: HUNTSMAN POLYMERS CORPORATION
FILE: BRICKLAND GW
DATE: 02/05/2003
DRAWN BY: FVS
SCALE: N.T.S.
CHECKED BY: MEW
FIGURE NO.: 3b



Terracon

1638 HICKORY LOOP, SUITE H
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FREE PHASE HYDROCARBON
THICKNESS MAP (JUNE 2002)
BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO
PROJECT NO.: 68997611

CLIENT: HUNTSMAN POLYMERS CORPORATION	
FILE: BRICKLAND GW	DATE: 2/4/2003
DRAWN BY: FVS	SCALE: N.T.S.
CHECKED BY: MEW	FIGURE NO.: 4a

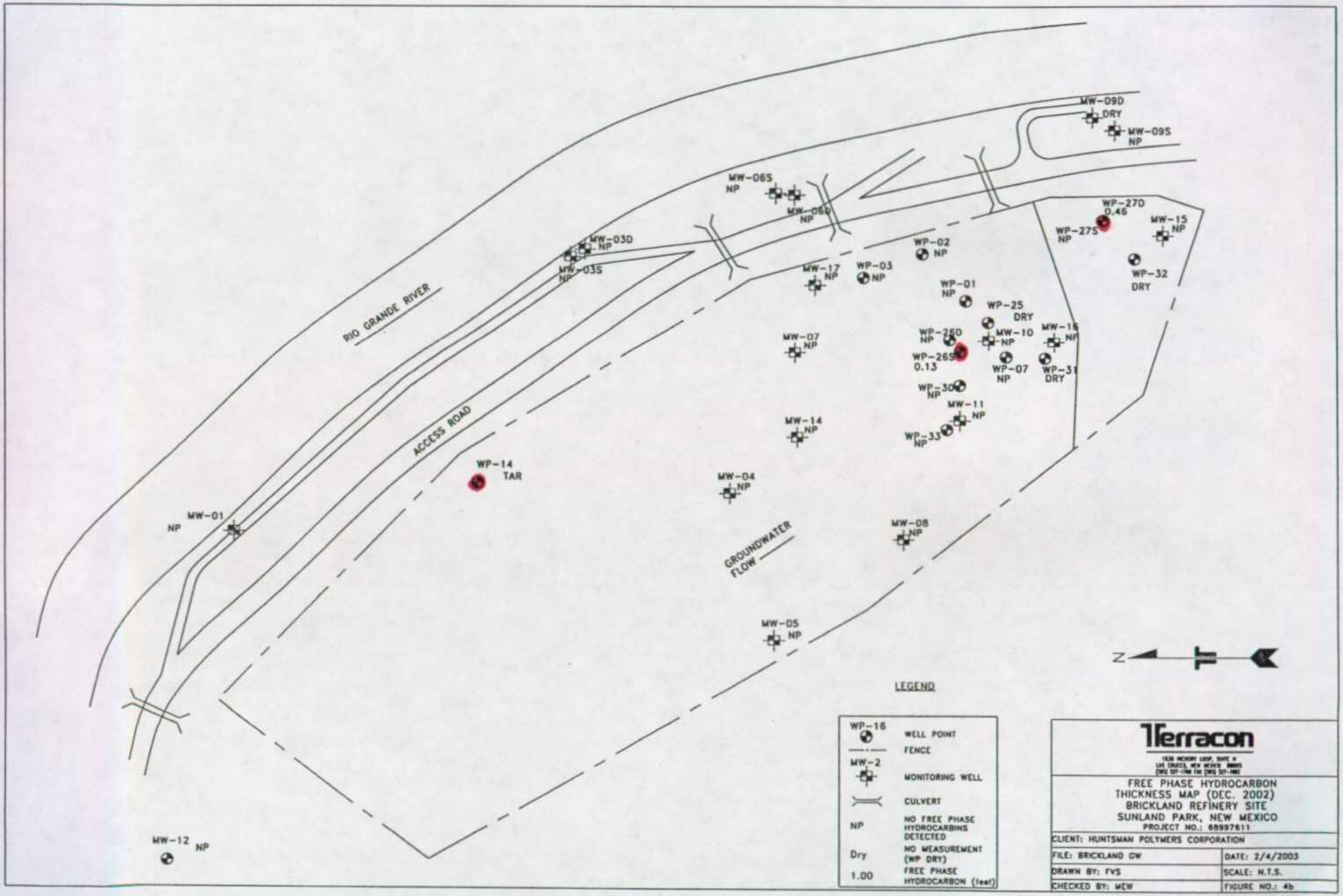

MW-09D DRY
MW-09S NP
MW-06S NP
MW-06D NP
MW-03D NP
MW-03S NP
WP-27D 0.46
WP-27S NP
MW-15 NP
WP-02 NP
WP-32 DRY
MW-17 NP
WP-03 NP
WP-01 NP
WP-25 DRY
WP-26D NP
MW-10 NP
MW-16 NP
MW-07 NP
WP-26S 0.13
WP-07 NP
WP-31 DRY
WP-30 NP
MW-11 NP
MW-14 NP
WP-33 NP
RIO GRANDE RIVER
ACCESS ROAD
WP-14 TAR
MW-04 NP
MW-01 NP
MW-08 NP
GROUNDWATER FLOW
MW-05 NP
MW-12 NP
N
LEGEND
WP-16 WELL POINT
FENCE
MW-2 MONITORING WELL
CULVERT
NP NO FREE PHASE HYDROCARBONS DETECTED
Dry NO MEASUREMENT (WP DRY)
1.00 FREE PHASE HYDROCARBON (feet)
Terracon
FREE PHASE HYDROCARBON THICKNESS MAP (DEC. 2002)
BRICKLAND REFINERY SITE
SUNLAND PARK, NEW MEXICO
PROJECT NO.: 68997611
CLIENT: HUNTSMAN POLYMERS CORPORATION
FILE: BRICKLAND GW
DATE: 2/4/2003
DRAWN BY: FVS
SCALE: N.T.S.
CHECKED BY: MEW
FIGURE NO.: 4b

Figure 3c
Brickland Refinery
Rio Grande Stage Versus Time

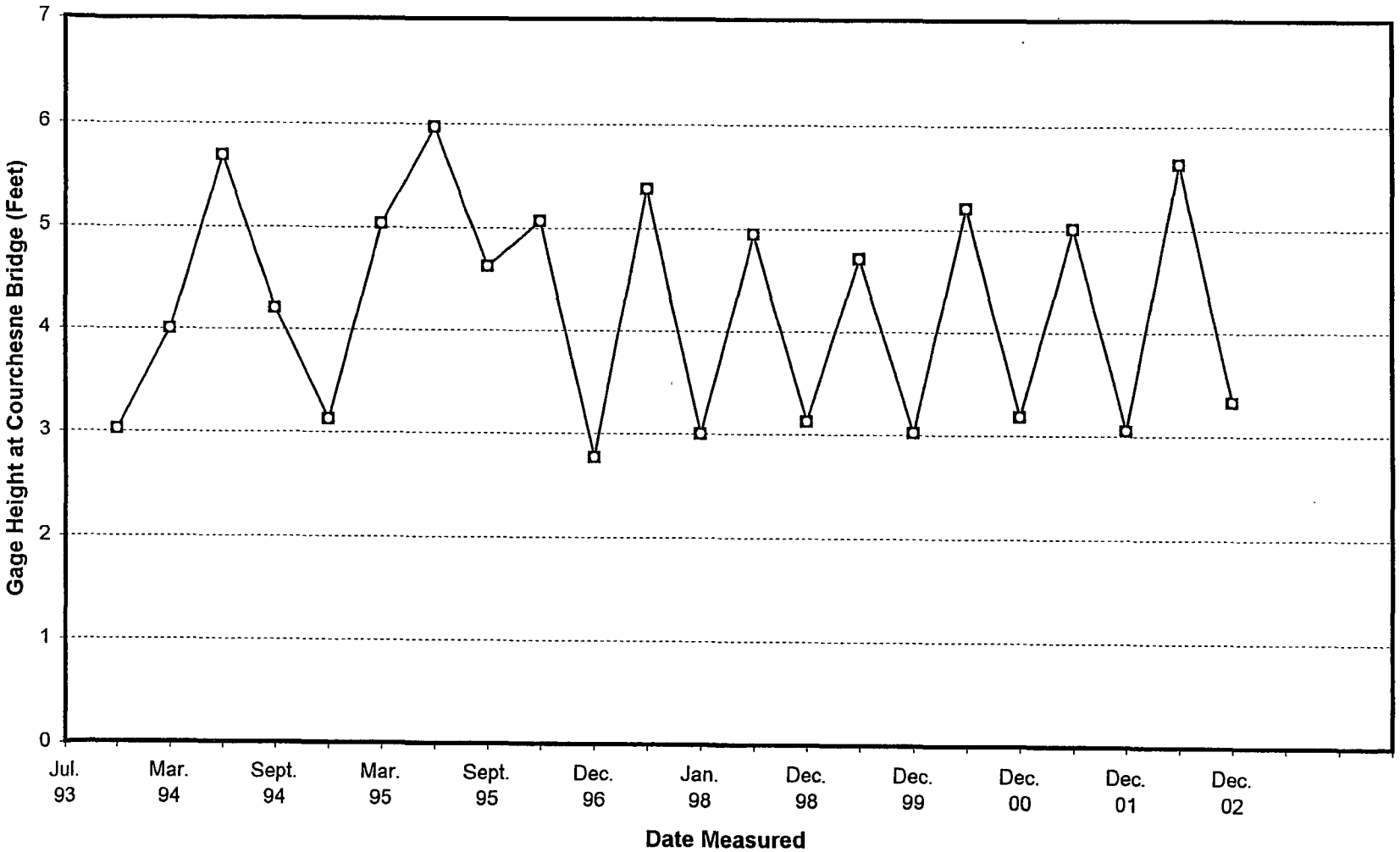


Figure 5-a
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-3S

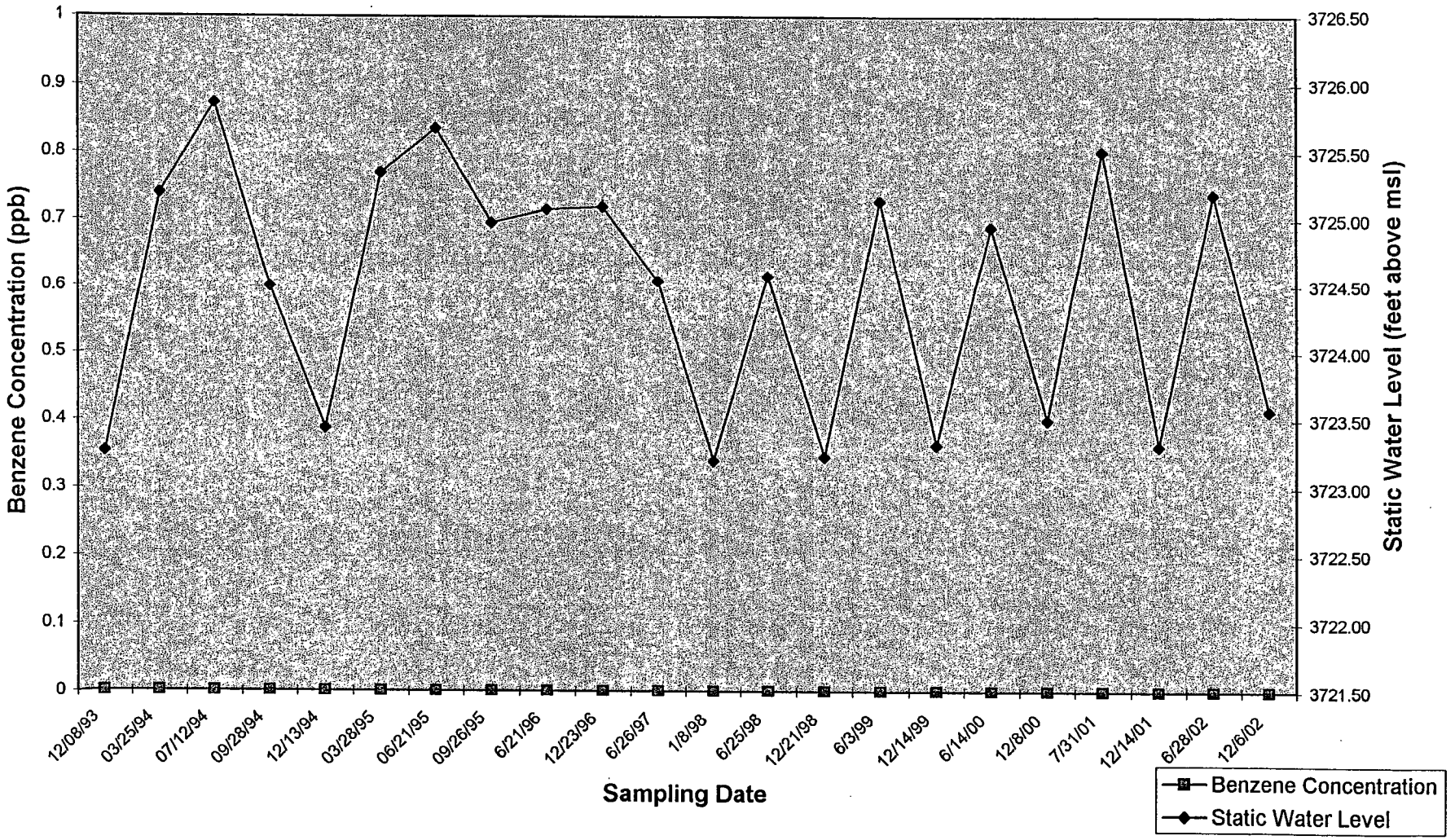


Figure 5-b
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-3D

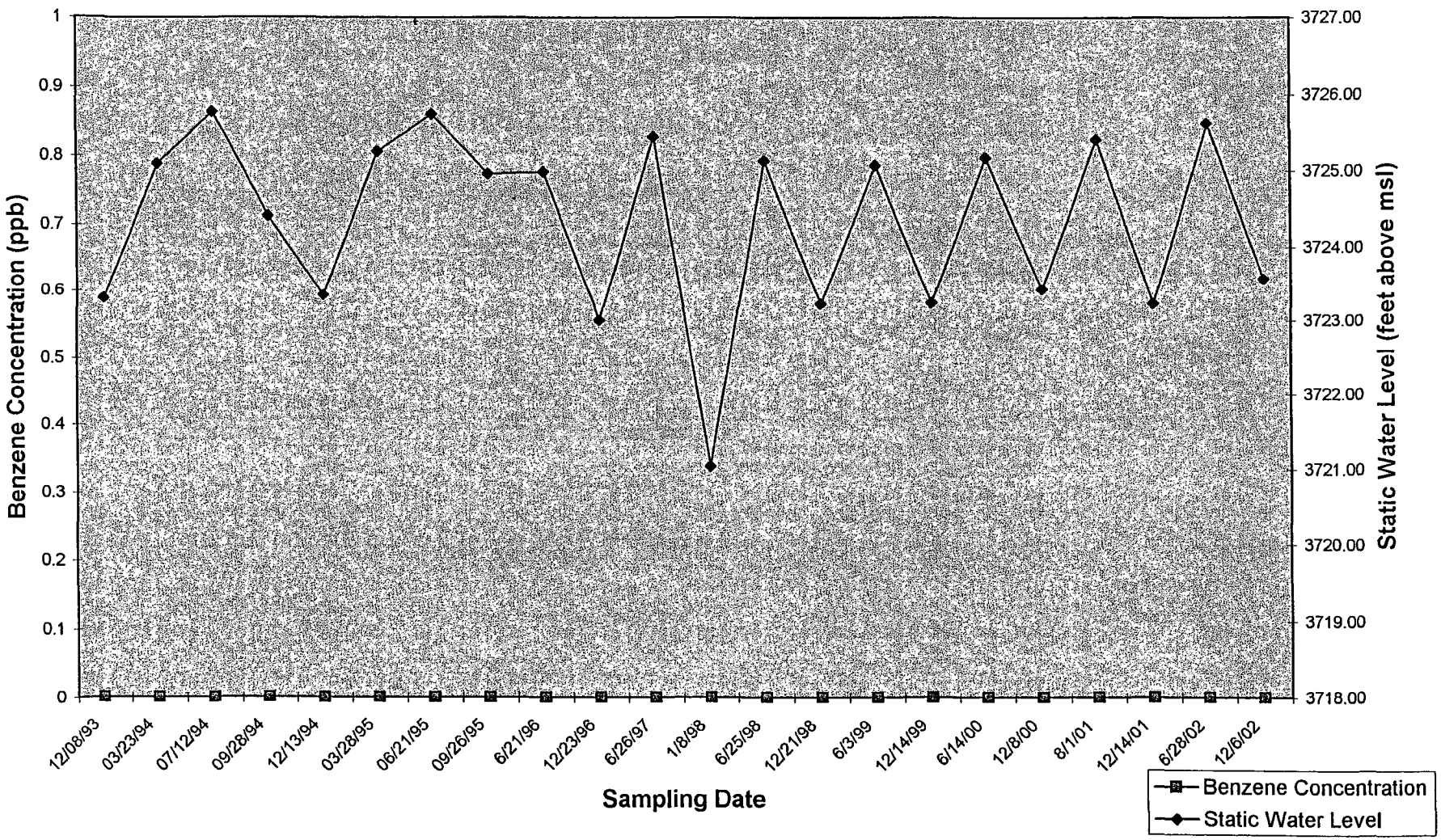


Figure 5-c
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-4

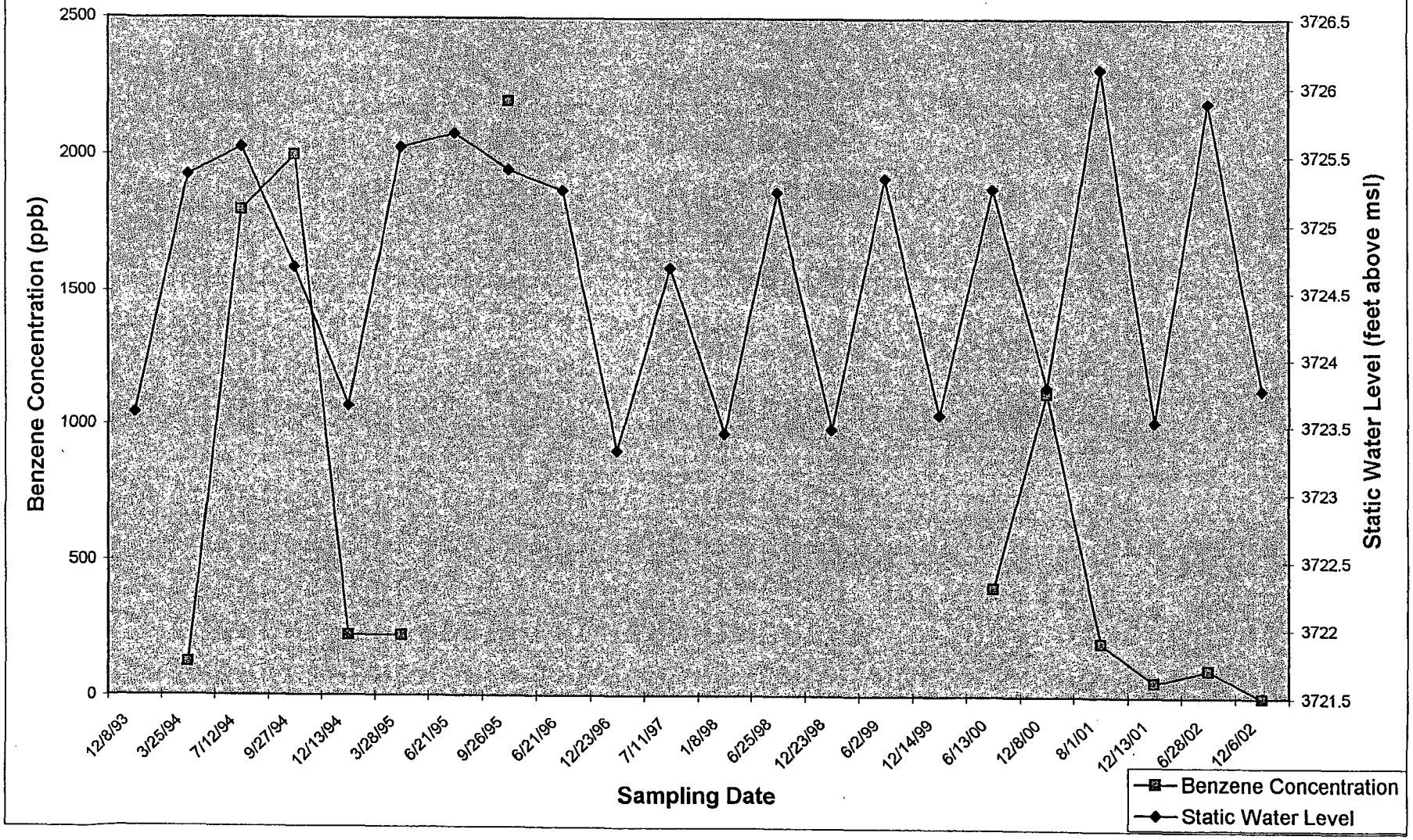


Figure 5-d
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-6S

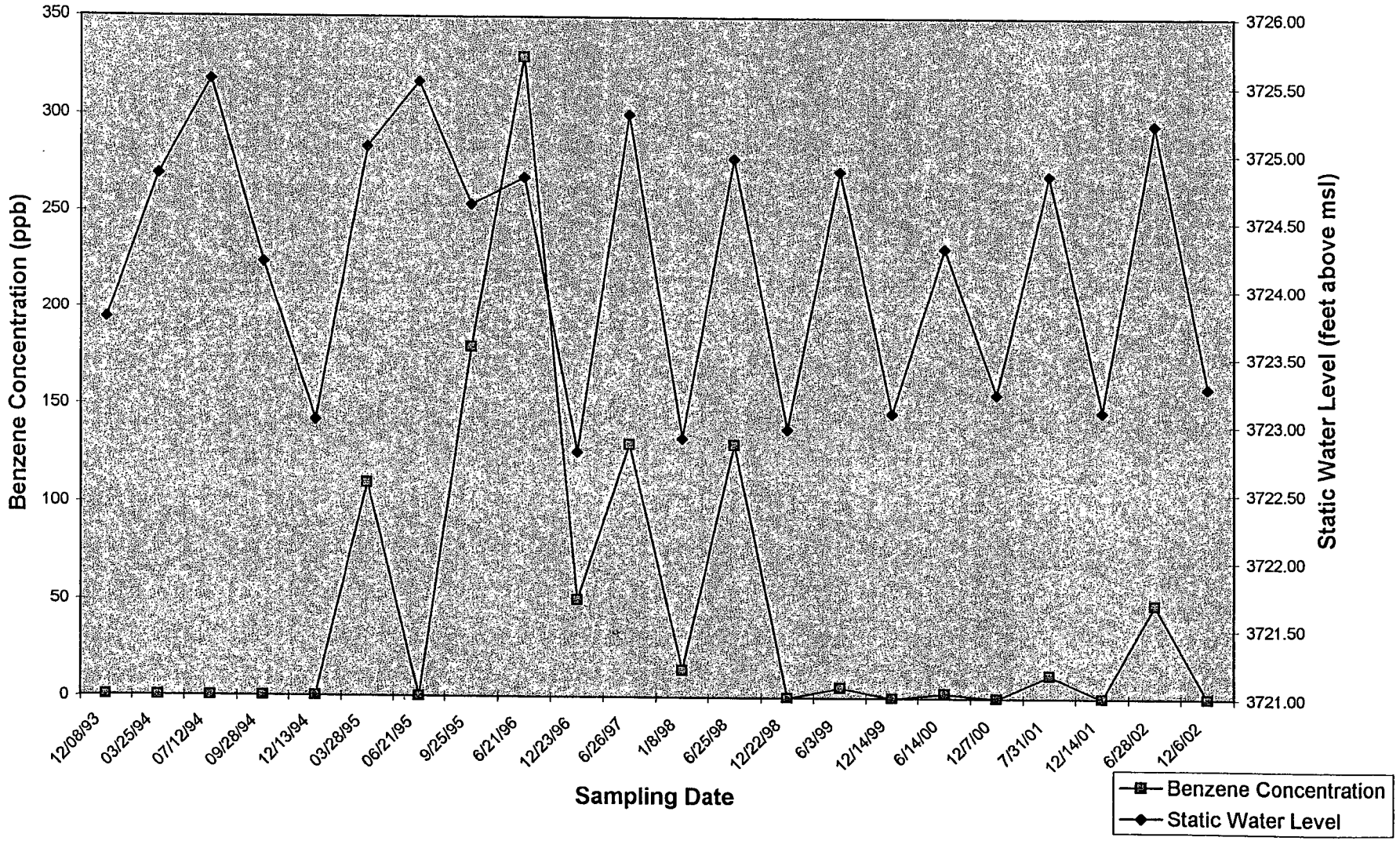


Figure 5-e
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-6D

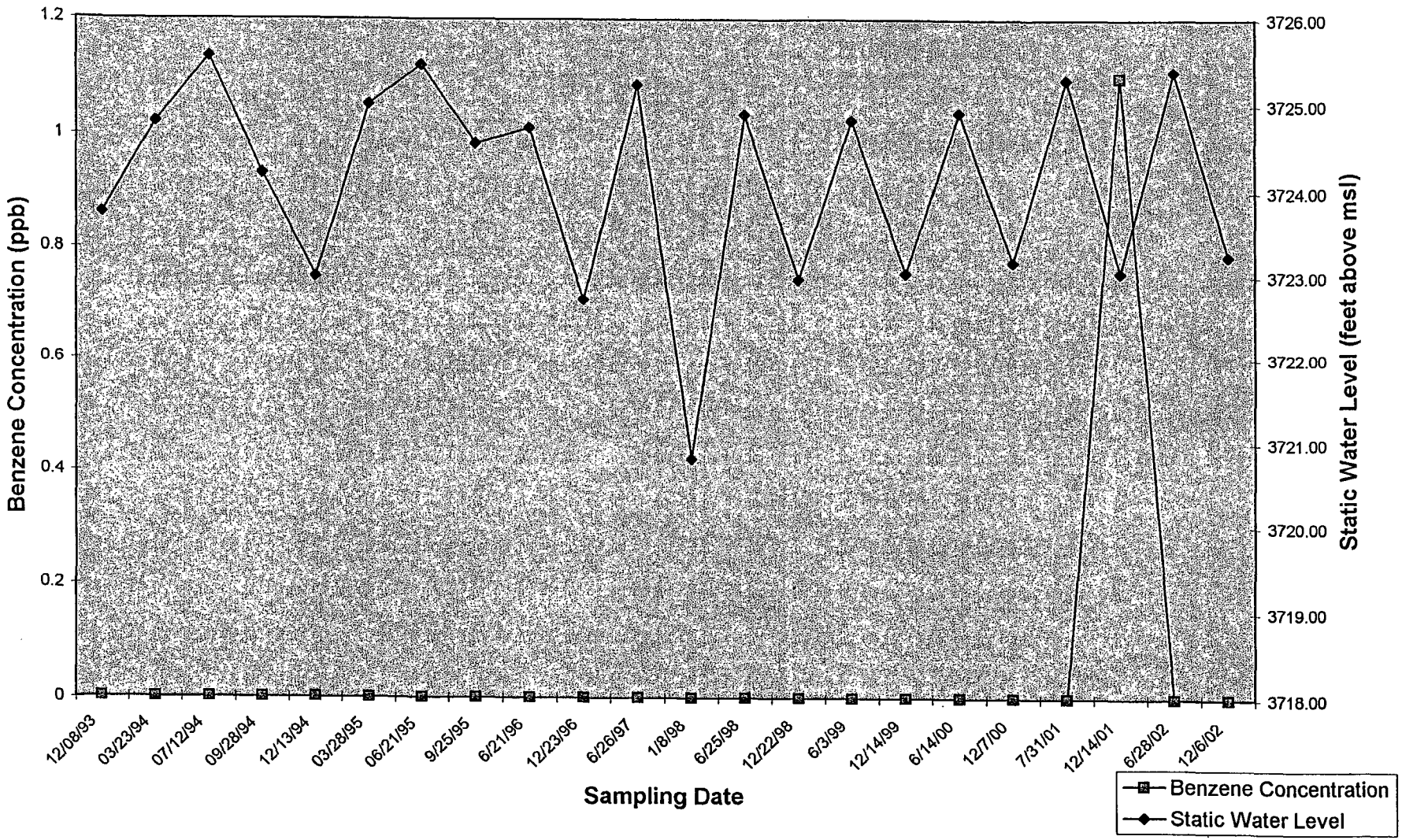


Figure 5-f
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-7

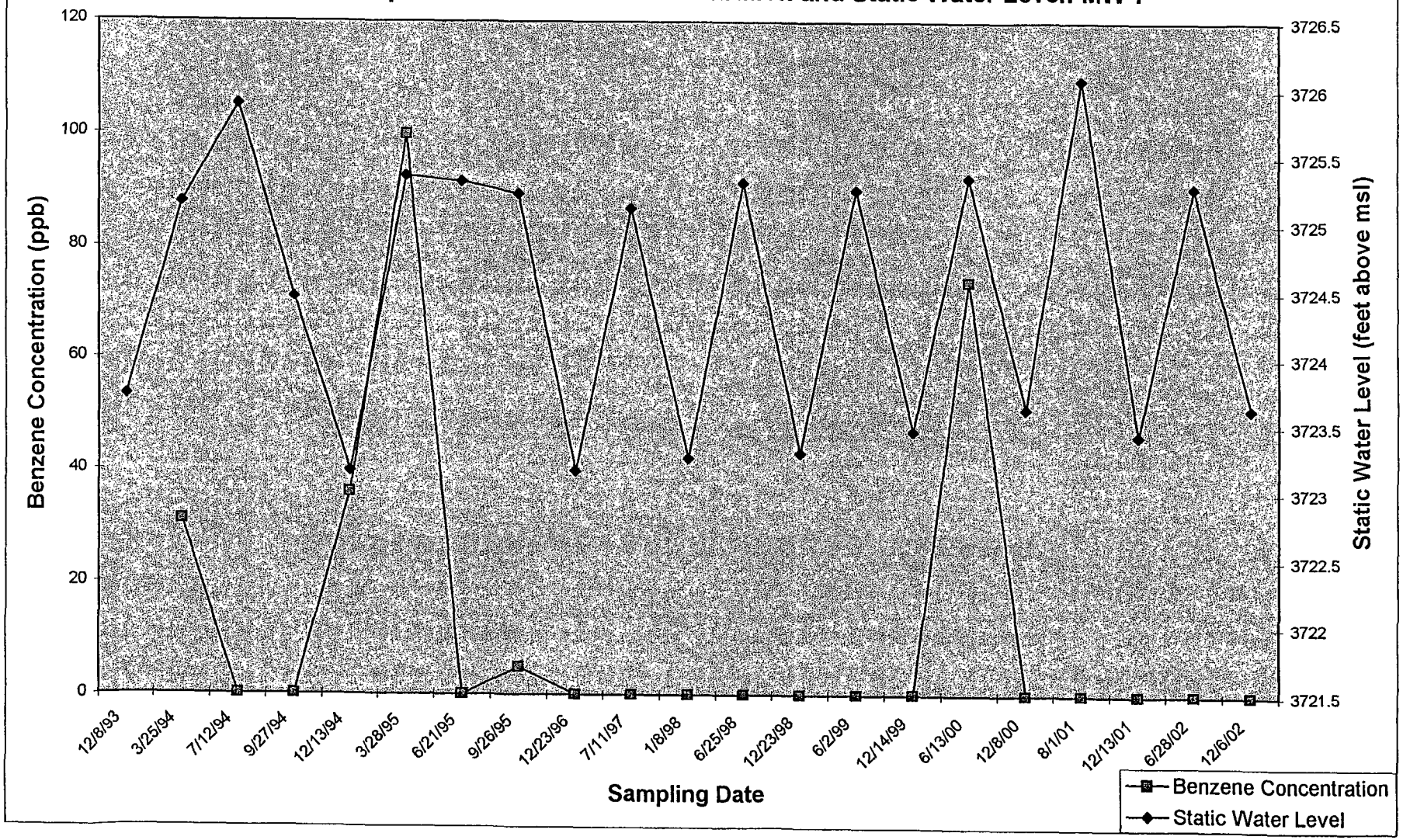


Figure 5-g
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-9S

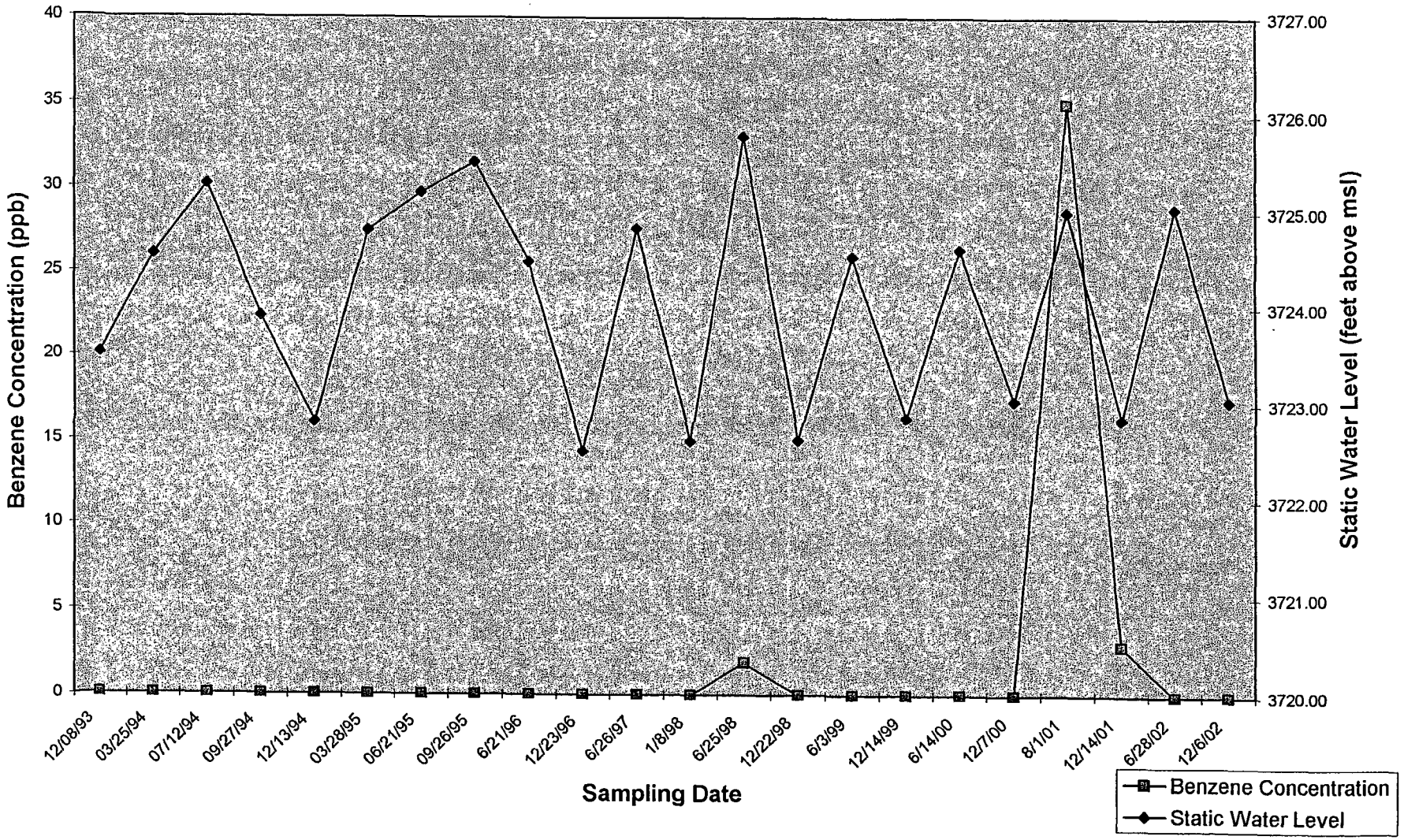


Figure 5-h
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-14

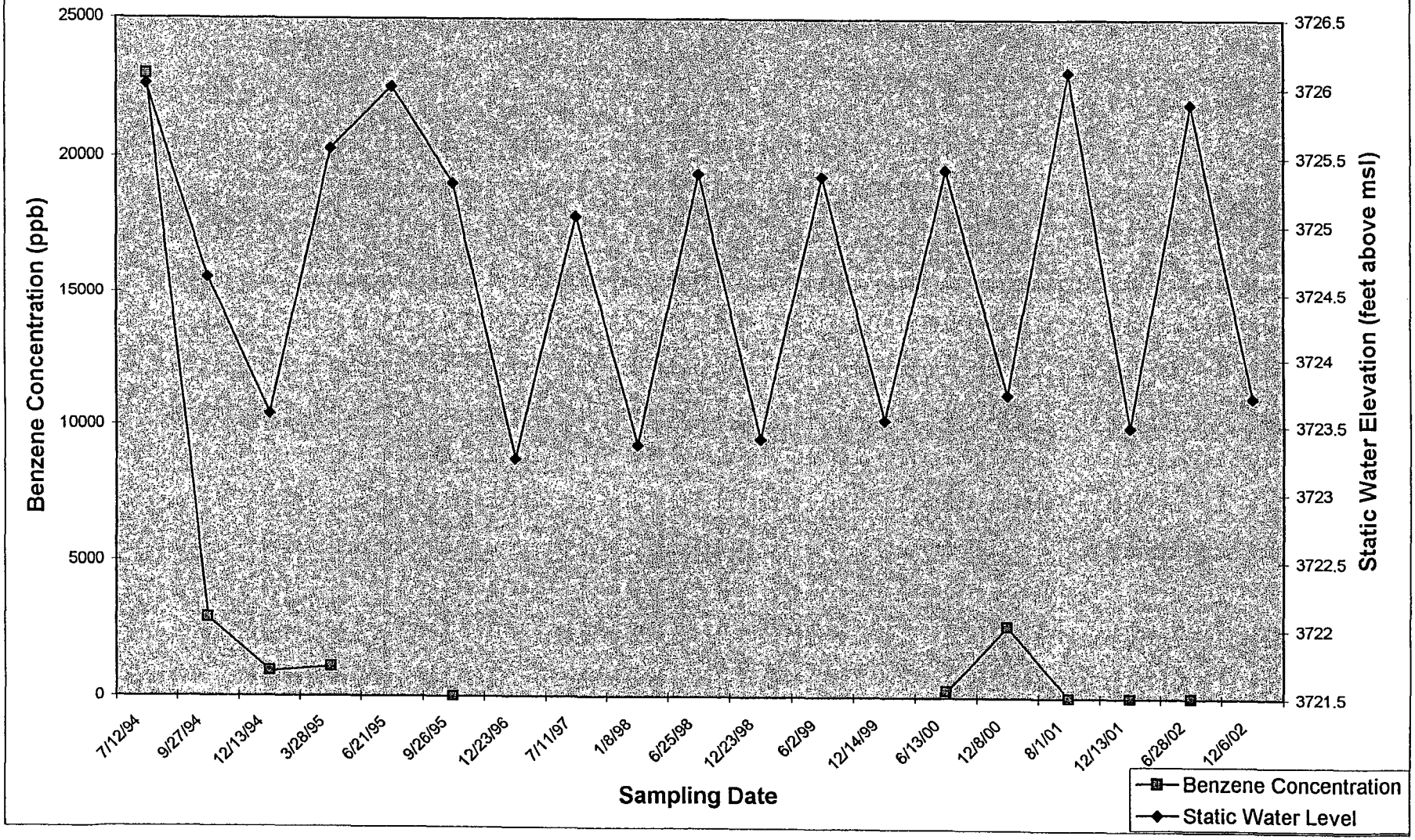
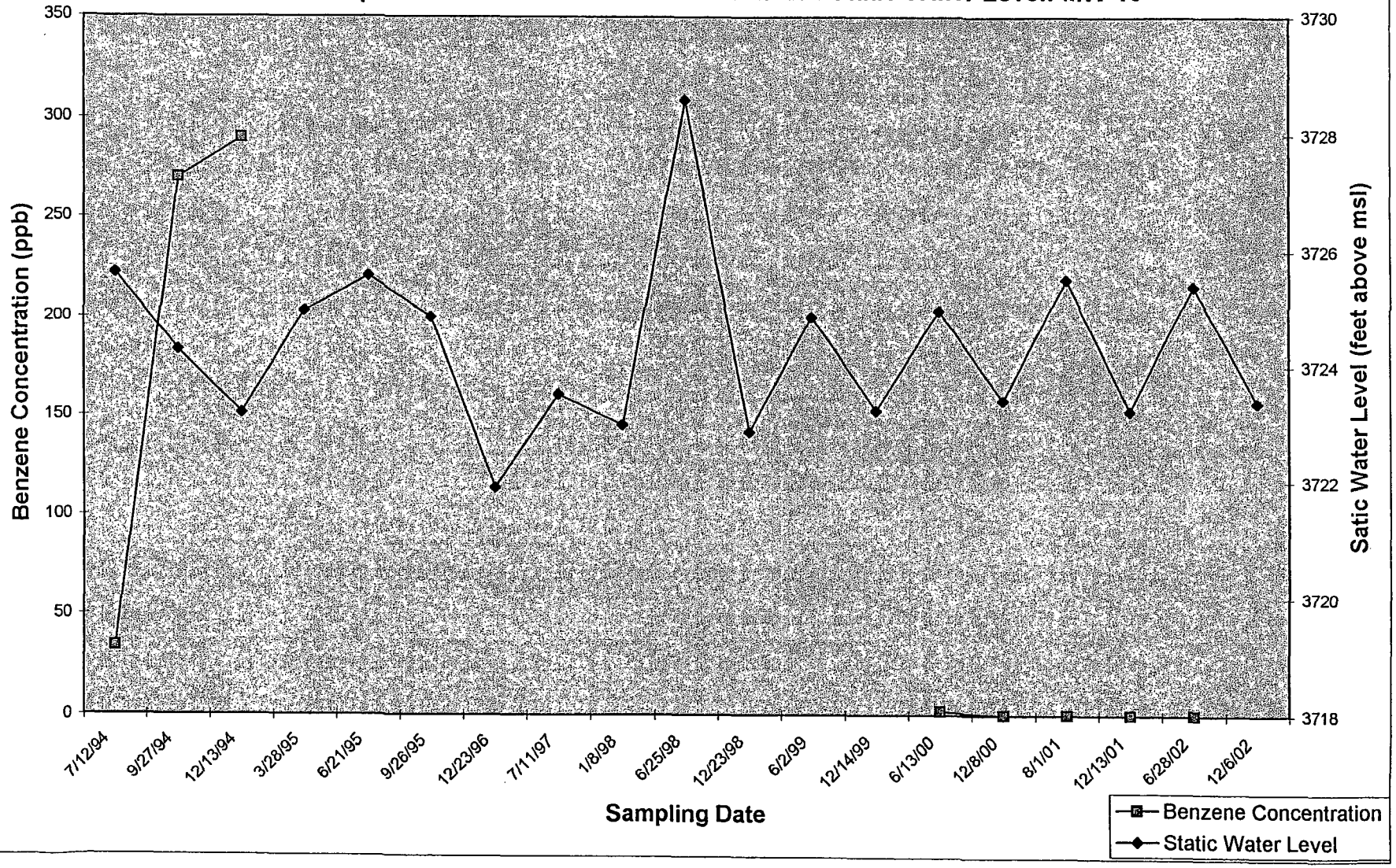


Figure 5-i
Brickland Refinery
Relationship between Benzene Concentration and Static Water Level: MW-15



APPENDIX B: TABLES

Table 1
Brickland Refinery
Well Sampling and Purging Methods

Well No.	2002 Sample Date	Purge Method	Sampling Method	Purge Volume	Laboratory Analytes
MW-3S	6/28/02	Pump	Purge Pump	17 gallons*	BTEX, PAH, and Metals
	12/7/02	Pump	Purge Pump	9 gallons*	BTEX only
MW-3D	6/28/02	Pump	Purge Pump	65 gallons	BTEX, PAH, and Metals
	12/7/02	Pump	Purge Pump	60 gallons	BTEX only
MW-4	6/27/02	Pump	Purge Pump	30 gallons	BTEX, PAH, and Metals
	NS	NS	NS	NS	NS
MW-6S	6/28/02	Pump	Purge Pump	12 gallons*	BTEX, PAH, and Metals
	12/6/02	Pump	Purge Pump	7 gallons*	BTEX only
MW-6D	6/28/02	Pump	Purge Pump	65 gallons	BTEX, PAH, and Metals
	12/6/02	Pump	Purge Pump	60 gallons	BTEX only
MW-7	6/27/02	Pump	Purge Pump	25 gallons	BTEX, PAH, and Metals
	NS	NS	NS	NS	NS
MW-9S	6/27/02	Pump	Purge Pump	20 gallons	BTEX, PAH, and Metals
	12/6/02	Pump	Purge Pump	13 gallons	BTEX only
MW-14	6/27/02	Pump	Purge Pump	45 gallons	BTEX, PAH, and Metals
	NS	NS	NS	NS	NS
MW-15	6/27/02	Pump	Purge Pump	45 gallons	BTEX, PAH, and Metals
	NS	NS	NS	NS	NS
River Upstream	6/28/02	NA	Teflon Dipper	NA	BTEX, PAH, and Metals
	12/7/02	NA	Teflon Dipper	NA	BTEX only
River Downstream	6/28/02	NA	Teflon Dipper	NA	BTEX, PAH, and Metals
	12/7/02	NA	Teflon Dipper	NA	BTEX only
Total volume purged during semi-annual monitoring event in June 2002:					325 gallons
Total volume purged during annual monitoring event in December 2002:					149 gallons
Total volume purged during semi-annual and annual monitoring events:					474 gallons

* Monitoring well purged dry during sampling event.
NS Not sampled.
NA Not applicable

Table 2
Brickland Refinery
Monitoring Well Groundwater Elevations (Feet above mean sea level)

Well ID	6/24/98	12/21/98	6/1/99	12/14/99	6/12/00	12/5/00	7/24/01	12/12/01	6/26/02	12/6/02
MW-1	3725.71	0.00	3725.85	3724.22	3725.68	3724.41	3726.38	3724.2	3726.54	3724.46
MW-2	3728.47	0.00	3726.44	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99
MW-3S	3724.58	0.00	3725.14	3723.32	3724.95	3723.5	3725.51	3723.31	3725.19	3723.57
MW-3D	3725.14	0.00	3725.08	3723.24	3725.18	3723.43	3725.42	3723.23	3725.63	3723.57
MW-4	3725.24	0.00	3725.34	3723.58	3725.27	3723.79	3726.14	3723.53	3725.89	3723.77
MW-5	3724.38	0.00	3725.34	3723.58	3725.44	3723.82	3726.08	3723.49	3725.96	3723.75
MW-6S	3724.97	0.00	3724.88	3723.09	3724.31	3723.23	3724.85	3723.1	3725.22	3723.28
MW-6D	3724.9	3722.97	3724.84	3723.04	3724.92	3723.17	3725.21	3723.05	3725.40	3723.24
MW-7	3725.31	0.00	3725.26	3723.46	3725.35	3723.63	3726.08	3723.43	3725.28	3723.63
MW-8	3725.27	3725.56	3725.11	3723.43	3725.22	3723.64	3725.53	3723.39	3725.38	3723.60
MW-9S	3725.79	3725.40	3724.55	3722.86	3724.62	3723.04	3725.01	3722.85	3725.05	3723.04
MW-10	P	P	P	P	P	P	3725.45	3723.26	3725.67	3723.40
MW-11	3725.20	3725.42	3725.05	3723.34	3725.04	3723.52	3725.76	3723.34	3725.55	3723.46
MW-12	3726.48	3725.35	3726.40	3724.59	3726.53	3724.73	3726.73	3724.55	3726.87	3724.79
MW-13	3725.34	0.00	3725.25	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99	Plugged 6/99

Table 2 (Continued)
Brickland Refinery
Monitoring Well Groundwater Elevations (Feet above mean sea level)

Well ID	6/24/98	12/21/98	6/1/99	12/14/99	6/12/00	12/5/00	7/24/01	12/12/01	6/26/02	12/6/02
MW-14	3725.38	3725.56	3725.36	3723.54	3725.41	3723.73	3726.12	3723.49	3725.89	3723.71
MW-15	3728.60	3724.97	3724.87	3723.24	3724.98	3723.42	3725.52	3723.23	3725.40	3723.38
MW-16	3725.02	3724.88	3724.68	3722.97	3724.80	3723.16	3725.13	3722.97	3724.80	3723.13
MW-17	3725.09	3724.88	3725.25	3723.36	3725.27	3723.5	3725.96	3723.38	3725.71	3723.54

Notes:

NM = Not measured.
P = Product observed.
Plugged 6/99 = Monitoring well abandoned (in accordance with NMED regulations) prior to soil cap installation in June 1999

Table 3
Brickland Refinery
BTEX Concentrations (µg/L) in Monitoring Wells and River Surface water Samples
June 1998 through December 2002

MW-3S										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Ethyl Benzene	ND	ND	2.9	ND	ND	ND	<1	<1	ND	ND
Xylenes	ND	ND	5	ND	ND	ND	<1	<1	ND	ND

MW-3D										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Xylenes	ND	ND	ND	ND	2	ND	<1	<1	ND	ND

MW-4										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	NS	NS	NS	NS	400	1120,1050	196	54.6	100, 87	NS
Toluene	NS	NS	NS	NS	ND	ND, ND	<5*	1.8	ND, ND	NS
Ethyl Benzene	NS	NS	NS	NS	1.8	ND, ND	<5*	<1*	ND, ND	NS
Xylenes	NS	NS	NS	NS	5.1	34, ND	<5*	<1*	ND, ND	NS

Parameter	Detection Limits
Benzene	1.0 µg/L
Toluene	1.0 µg/L
Ethyl Benzene	1.0 µg/L
Xylenes	1.0 µg/L

Notes:

ND = Not detected
NS = Not sampled
µg/L = Micrograms per liter

* Detection limits for the same analyte may vary due to sample dilution

Table 3 (Continued)
Brickland Refinery
BTEX Concentrations (µg/L) in Monitoring Wells and River Surface water Samples
June 1998 through December 2002

MW-6S										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	130	ND	4.3, 6.4	ND	2.6	ND	12	<5	48	ND, ND
Toluene	ND	ND	2.2, 2.2	ND	ND, 2.2	ND	14	<5	3.3	ND, ND
Ethyl Benzene	40	ND	3.3, 4.1	ND	2.1	ND	15	<5	5.8	ND, ND
Xylenes	ND	ND	ND, 2.2	ND	4.1	ND	<5	<5	17	ND, ND

MW-6D										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	ND, ND	ND	ND	ND	ND	ND	<1	1.1	ND	ND
Toluene	ND, ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Ethyl Benzene	ND, ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Xylenes	ND, ND	ND	ND	ND	1.7	ND	<1	<1	ND	ND

MW-7										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	NS	NS	NS	NS	74, 76	ND	<5	<1	ND	NS
Toluene	NS	NS	NS	NS	ND,ND	ND	14	<1	ND	NS
Ethyl Benzene	NS	NS	NS	NS	ND, ND	ND	<5	<1	ND	NS
Xylenes	NS	NS	NS	NS	2.5, 1.6	ND	<5	<1	ND	NS

Parameter	Detection Limits
Benzene	1.0 µg/L
Toluene	1.0 µg/L
Ethyl Benzene	1.0 µg/L
Xylenes	1.0 µg/L

Notes:

ND = Not detected
NS = Not sampled
µg/L = Micrograms per liter

* Detection limits for the same analyte may vary due to sample dilution

Table 3 (Continued)
Brickland Refinery
BTEX Concentrations (µg/L) in Monitoring Wells and River Surface water Samples
June 1998 through December 2002

MW-9S										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	1.9	ND, ND	ND	ND	ND	ND	35	2.9	ND	ND
Toluene	2.7	2.7, ND	2.2	ND	14	ND	<5	2	ND	ND
Ethyl Benzene	1.5	4.5, ND	2.5	ND	6.2	ND	<5	<1	ND	ND
Xylenes	6.6	6.7, ND	24	8	43	ND	<5	1.9	ND	ND

MW-14										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	NS	NS	NS	NS	250	2630	7,7	1.1,2.0	11	NS
Toluene	NS	NS	NS	NS	ND	ND	3,3	<1,<1	ND	NS
Ethyl Benzene	NS	NS	NS	NS	2.9	ND	<1,<1	<1,<1	ND	NS
Xylenes	NS	NS	NS	NS	5	ND	<1,<1	<1,<1	ND	NS

MW-15										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	NS	NS	NS	NS	1.9	ND	<5	<5	ND	NS
Toluene	NS	NS	NS	NS	ND	ND	<5	<5	ND	NS
Ethyl Benzene	NS	NS	NS	NS	ND	ND	<5	<5	ND	NS
Xylenes	NS	NS	NS	NS	2.7	ND	<5	<5	ND	NS

Parameter	Detection Limits	Notes:	
Benzene	1.0 µg/L	ND = Not detected NS = Not sampled µg/L = Micrograms per liter	* Detection limits for the same analyte may vary due to sample dilution
Toluene	1.0 µg/L		
Ethyl Benzene	1.0 µg/L		
Xylenes	1.0 µg/L		

Table 3 (Continued)
Brickland Refinery
BTEX Concentrations (µg/L) in Monitoring Wells and River Surface water Samples
June 1998 through December 2002

River Upstream										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	3	<1	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND	3	<1	ND	ND
Xylenes	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND

River-Downstream										
Parameter	6/25/98	12/21/98	6/3/99	12/14/99	6/14/00	12/8/00	7/31/01	12/14/01	6/28/02	12/6/02
Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Toluene	ND	ND	ND	ND	ND	ND	3	<1	ND	ND
Ethyl Benzene	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND
Xylenes	ND	ND	ND	ND	ND	ND	<1	<1	ND	ND

Parameter	Detection Limits	Notes:	
Benzene	1.0 µg/L	ND = Not detected NS = Not sampled µg/L = Micrograms per liter	* Detection limits for the same analyte may vary due to sample dilution
Toluene	1.0 µg/L		
Ethyl Benzene	1.0 µg/L		
Xylenes	1.0 µg/L		

Table 4
Brickland Refinery
Total PAH Concentrations for Samples from the River and Monitoring Wells

Well ID	6/25/98	6/3/99	6/14/00	7/27/01	6/27/02
MW-3S	ND	ND	ND	ND	ND
MW-3D	ND	ND	ND	ND	ND
MW-4	NS	NS	ND	ND	ND,ND
MW-6S	ND	22, 32	ND	ND	ND
MW-6D	ND, ND	ND	ND	ND	ND
MW-7	NS	NS	ND,ND	ND	ND
MW-9S	ND	ND	ND	ND	ND
MW-14	NS	NS	ND	ND,ND	ND
MW-15	NS	NS	ND	ND	ND
River-Upstream	ND	ND	ND	ND	ND
River-Down	ND	ND	ND	ND	ND

Notes:
All Results in Micrograms per Liter (µg/L)
ND indicates constituent was not detected
NS indicates well was not sampled

Table 5
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

MW-3S							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/14/00	7/31/01	6/28/02
Aluminum	5	C	NS	NS	NS	0.733	ND
Antimony	NA	NA	ND	ND	ND	<0.025	ND
Arsenic	0.1	A	ND	ND	ND	<0.05	0.008
Barium	1.0	A	NS	NS	NS	<0.100	0.081
Beryllium	NA	NA	ND	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.653	**0.880**
Cadmium	0.0100	A	ND	ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND	ND	ND	0.047	ND
Iron	1.0	B	NS	NS	NS	2.080	**1.500**
Lead	0.05	A	ND	ND	ND	0.012	ND
Manganese	0.20	B	NS	NS	NS	1.310	**1.700**
Mercury	0.0020	A	ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	ND	ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND	ND	<0.050	0.021
Silver	0.05	A	ND	ND	ND	<0.0125	ND
Thallium	NA	NA	ND	ND	ND	<0.050	ND
Zinc	10.0	B	ND	0.340	ND	<0.025	ND

MW-3D							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/14/00	7/31/01	6/28/02
Aluminum	5	C	NS	NS	NS	0.102	ND
Antimony	NA	NA	ND	ND	ND	<0.025	ND
Arsenic	0.1	A	ND	ND	ND	<0.05	ND
Barium	1.0	A	NS	NS	NS	<0.100	0.060
Beryllium	NA	NA	ND	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.941	**1.500**
Cadmium	0.0100	A	ND	ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND	ND	ND	<0.0125	ND
Iron	1.0	B	NS	NS	NS	2.690	**2.300**
Lead	0.05	A	ND	ND	ND	<0.01	ND
Manganese	0.20	B	NS	NS	NS	3.600	**3.800**
Mercury	0.0020	A	ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	0.006	ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND	ND	<0.050	0.024
Silver	0.05	A	ND	ND	ND	<0.0125	ND
Thallium	NA	NA	ND	ND	ND	<0.050	ND
Zinc	10.0	B	ND	ND	ND	<0.025	ND

Table 5 (Continued)
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

MW-4							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS	0.271	0.36.0.23
Antimony	NA	NA	NS	NS	ND	<0.025	ND,ND
Arsenic	0.1	A	NS	NS	ND	<0.05	0.007,ND
Barium	1.0	A	NS	NS	NS	0.617	0.083, 0.059
Beryllium	NA	NA	NS	NS	ND	<0.0025	0.005, 0.005
Boron	0.8	C	NS	NS	NS	0.932	**1.400, 1.400**
Cadmium	0.0100	A	NS	NS	ND	<0.025	ND,ND
Chromium	0.050	A	NS	NS	ND	<0.01	0.014,ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	0.014,ND
Copper	1.0	B	NS	NS	ND	<0.0125	0.021,ND
Iron	1.0	B	NS	NS	NS	3.170	**2.900, 3.100**
Lead	0.05	A	NS	NS	ND	0.018	ND,ND
Manganese	0.20	B	NS	NS	NS	4.310	**5.800, 5.800**
Mercury	0.0020	A	NS	NS	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND,ND
Nickel	0.2	C	NS	NS	ND	<0.025	ND,ND
Selenium	0.05	A	NS	NS	ND	<0.050	0.032, 0.032
Silver	0.05	A	NS	NS	ND	<0.0125	0.036, ND
Thallium	NA	NA	NS	NS	ND	<0.050	ND,ND
Zinc	10.0	B	NS	NS	ND	<0.025	ND,ND

MW-6S							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS	0.604	0.21
Antimony	NA	NA	ND	ND, ND	ND	<0.025	ND
Arsenic	0.1	A	ND	ND, ND	ND	0.066	0.053
Barium	1.0	A	NS	NS	NS	0.763	0.490
Beryllium	NA	NA	ND	ND, ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	1.000	**1.300**
Cadmium	0.0100	A	ND	ND, ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND, ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND	ND, ND	ND	0.089	0.044
Iron	1.0	B	NS	NS	NS	5.530	**3.900**
Lead	0.05	A	ND	ND, ND	ND	0.017	ND
Manganese	0.20	B	NS	NS	NS	1.340	**1.700**
Mercury	0.0020	A	ND	ND, ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	ND	ND, ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND, ND	ND	<0.050	**0.099**
Silver	0.05	A	ND	ND, ND	ND	<0.0125	ND
Thallium	NA	NA	ND	ND, ND	ND	<0.050	ND
Zinc	10.0	B	ND	ND, 0.12	ND	<0.025	ND

Table 5 (Continued)
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

MW-6D							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS	<0.200	0.18
Antimony	NA	NA	ND,ND	ND	ND	<0.025	ND
Arsenic	0.1	A	ND,ND	ND	ND	<0.05	ND
Barium	1.0	A	NS	NS	NS	<0.100	0.050
Beryllium	NA	NA	ND,ND	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.807	**1.400**
Cadmium	0.0100	A	ND,ND	ND	ND	<0.025	ND
Chromium	0.050	A	ND,ND	ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND,ND	ND	ND	0.231	ND
Iron	1.0	B	NS	NS	NS	0.920	**1.000**
Lead	0.05	A	ND,ND	ND	ND	<0.017	ND
Manganese	0.20	B	NS	NS	NS	5.360	**5.700**
Mercury	0.0020	A	ND,ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	0.015, 0.012	ND	ND	<0.025	ND
Selenium	0.05	A	ND,ND	ND	ND	<0.050	0.015
Silver	0.05	A	ND,ND	ND	ND	<0.0125	ND
Thallium	NA	NA	ND,ND	ND	ND	<0.050	ND
Zinc	10.0	B	ND,ND	0.053	ND	<0.025	ND

MW-7							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS,NS	<0.200	0.200
Antimony	NA	NA	NS	NS	ND,ND	<0.025	ND
Arsenic	0.1	A	NS	NS	ND,ND	<0.05	0.047
Barium	1.0	A	NS	NS	NS	0.211	0.210
Beryllium	NA	NA	NS	NS	ND,ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.618	**0.750**
Cadmium	0.0100	A	NS	NS	ND,ND	<0.025	ND
Chromium	0.050	A	NS	NS	ND,ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	NS	NS	ND,ND	<0.0125	ND
Iron	1.0	B	NS	NS	NS	3.020	**2.700**
Lead	0.05	A	NS	NS	ND,ND	0.022	ND
Manganese	0.20	B	NS	NS	NS	1.690	**1.400**
Mercury	0.0020	A	NS	NS	ND,ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	0.011
Nickel	0.2	C	NS	NS	ND,ND	<0.025	ND
Selenium	0.05	A	NS	NS	ND,ND	<0.05	**0.090**
Silver	0.05	A	NS	NS	ND,ND	<0.0125	ND
Thallium	NA	NA	NS	NS	ND,ND	<0.05	ND
Zinc	10.0	B	NS	NS	ND,ND	0.026	ND

Table 5 (Continued)
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

MW-9S							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS	8.58	ND
Antimony	NA	NA	ND	ND	ND	<0.025	ND
Arsenic	0.1	A	NS	ND	ND	<0.05	0.024
Barium	1.0	A	NS	NS	NS	0.304	**0.130**
Beryllium	NA	NA	NS	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	1.000	**1.200**
Cadmium	0.0100	A	0.001	ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND	ND	0.080	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	0.006	ND	ND	0.067	ND
Iron	1.0	B	NS	NS	NS	31.700	**6.400**
Lead	0.05	A	ND	ND	ND	0.033	ND
Manganese	0.20	B	NS	NS	NS	3.190	**2.600**
Mercury	0.0020	A	ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	ND	ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND	ND	<0.050	0.036
Silver	0.05	A	ND	ND	ND	<0.0125	ND
Thallium	NA	NA	NS	ND	ND	<0.050	ND
Zinc	10.0	B	ND	ND	ND	0.088	ND

MW-14							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28702
Aluminum	5	C	NS	NS	NS	3.040	0.200
Antimony	NA	NA	NS	NS	ND	<0.025	ND
Arsenic	0.1	A	NS	NS	ND	<0.05	0.010
Barium	1.0	A	NS	NS	NS	0.780	0.110
Beryllium	NA	NA	NS	NS	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	1.260	**1.700**
Cadmium	0.0100	A	NS	NS	ND	<0.025	ND
Chromium	0.050	A	NS	NS	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	0.110	ND
Copper	1.0	B	NS	NS	ND	<0.0125	ND
Iron	1.0	B	NS	NS	NS	10.500	**7.300**
Lead	0.05	A	NS	NS	ND	0.015	ND
Manganese	0.20	B	NS	NS	NS	<0.0002	**7.200**
Mercury	0.0020	A	NS	NS	ND	<0.002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	NS	NS	ND	<0.025	ND
Selenium	0.05	A	NS	NS	ND	<0.05	0.041
Silver	0.05	A	NS	NS	ND	<0.0125	ND
Thallium	NA	NA	NS	NS	ND	<0.05	ND
Zinc	10.0	B	NS	NS	ND	<0.025	ND

Table 5 (Continued)
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

MW-15							
Parameter	NMWQCC Std.	Reference	6/25/98	6/3/99	6/13/00	8/2/01	6/28/02
Aluminum	5	C	NS	NS	NS	<0.200	0.24
Antimony	NA	NA	NS	NS	ND	<0.025	ND
Arsenic	0.1	A	NS	NS	ND	<0.05	0.014
Barium	1.0	A	NS	NS	NS	0.158	0.170
Beryllium	NA	NA	NS	NS	ND	<0.0025	0.006
Boron	0.8	C	NS	NS	NS	1.000	**1.500**
Cadmium	0.0100	A	NS	NS	ND	<0.025	ND
Chromium	0.050	A	NS	NS	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	NS	NS	ND	0.020	ND
Iron	1.0	B	NS	NS	NS	1.860	**2.000**
Lead	0.05	A	NS	NS	ND	0.012	ND
Manganese	0.20	B	NS	NS	NS	2.100	**2.300**
Mercury	0.0020	A	NS	NS	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	NS	NS	ND	<0.025	ND
Selenium	0.05	A	NS	NS	ND	<0.050	0.038
Silver	0.05	A	NS	NS	ND	<0.0125	ND
Thallium	NA	NA	NS	NS	ND	<0.050	ND
Zinc	10.0	B	NS	NS	ND	<0.025	ND

River-Upstream							
Parameter	NMWQCC Std.	Reference	6/25/98	6/2/99	6/13/00	8/2101	6/28/02
Aluminum	5	C	NS	NS	NS	17.5	1.2
Antimony	NA	NA	ND	ND	ND	<0.025	ND
Arsenic	0.1	A	ND	ND	ND	<0.05	0.005
Barium	1.0	A	NS	NS	NS	0.155	0.083
Beryllium	NA	NA	ND	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.252	0.190
Cadmium	0.0100	A	ND	ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND	0.280	ND	0.019	0.015
Iron	1.0	B	NS	NS	NS	9.790	0.850
Lead	0.05	A	ND	ND	ND	0.011	ND
Manganese	0.20	B	NS	NS	NS	0.416	0.180
Mercury	0.0020	A	ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	0.010
Nickel	0.2	C	ND	ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND	ND	<0.050	ND
Silver	0.05	A	ND	ND	ND	<0.0125	ND
Thallium	NA	NA	ND	ND	ND	<0.050	ND
Zinc	10.0	B	ND	1.170	ND	0.050	ND

Table 5 (Continued)
Brickland Refinery
Metal Analytical Results for Monitoring Wells and the River Water Samples

River-Downstream							
Parameter	NMWQCC Std.	Reference	6/25/98	6/2/99	6/13/00	8/2101	6/28/02
Aluminum	5	C	NS	NS	NS	7.8	2.1
Antimony	NA	NA	ND	ND	ND	<0.025	ND
Arsenic	0.1	A	ND	ND	ND	<0.05	0.006
Barium	1.0	A	NS	NS	NS	0.125	0.094
Beryllium	NA	NA	ND	ND	ND	<0.0025	ND
Boron	0.8	C	NS	NS	NS	0.190	0.200
Cadmium	0.0100	A	ND	ND	ND	<0.025	ND
Chromium	0.050	A	ND	ND	ND	<0.01	ND
Cobalt	0.050	Cobalt	NS	NS	NS	<0.025	ND
Copper	1.0	B	ND	ND	ND	0.019	ND
Iron	1.0	B	NS	NS	NS	4.710	**1.800**
Lead	0.05	A	ND	ND	ND	0.012	ND
Manganese	0.20	B	NS	NS	NS	0.261	***0.220***
Mercury	0.0020	A	ND	ND	ND	<0.0002	NS
Molybdenum	1.0000	C	NS	NS	NS	<0.050	ND
Nickel	0.2	C	ND	ND	ND	<0.025	ND
Selenium	0.05	A	ND	ND	ND	<0.050	ND
Silver	0.05	A	ND	ND	ND	<0.0125	ND
Thallium	NA	NA	ND	ND	ND	<0.050	ND
Zinc	10.0	B	ND	0.110	ND	0.050	ND

Notes:

mg/L = Milligrams per liter

Concentrations listed in **boldface** type during the current year indicate levels exceed New Mexico Water Quality Control Commission (NMWQCC) standards

NS indicates sample was not analyzed for this constituent.

ND indicates concentration was below laboratory detection limits.

NA indicates no NMWQCC standard established.

A indicates standard is from NMWQCC Regulatory Standards Section 3103A - Human Health Standard

B indicates standard is from NMWQCC Regulatory Standards Section 3103B - Domestic Water Supply

C indicates standard is from NMWQCC Regulatory Standards Section 3103C - Irrigation Use

Table 6
Brickland Refinery
Free-Phase Hydrocarbon Thickness Measurements (Feet)

Well ID	Jan. 98	Jun. 98	Dec. 98	Jun. 99	Dec. 99	Jun. 00	Dec. 00	Jul. 01	Dec. 01	Jun. 02	Dec. 02
MW-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-2	0.00	0.00	0.00	0.00	A	A	A	A	A	A	A
MW-3S	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-3D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-6S	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-6D	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-9S	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-10	2.26	2.21	2.50	0.14	0.00	0.03	0.06	0.00	0.00	0.00	0.00
MW-11	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-12	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-13	0.00	0.00	0.00	0.00	A	A	A	A	A	A	A
MW-14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-16	0.00	0.00	0.00	Dry	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MW-17	Dry	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00
WP-1	Dry	0.00	0.74	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-14	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar	Tar
WP-25	<0.01	0.00	1.05	0.70	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WP-26S	Tar	0.00	0.39	1.82	1.55	1.70	1.19	1.91	1.45	1.80	0.13
WP-26D	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-27S	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-27D	1.18	0.00	0.00	0.13	0.35	0.29	0.45	0.00	0.44	0.01	0.46
WP-30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WP-31	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	0.00	0.00
WP-32	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry	Dry
WP-33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Notes:

A = Plugged and Abandoned
Dry = Monitoring point was dry
Tar = Thickness measurement not obtainable because of presence of thick tar-like substance in well point.

APPENDIX C: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION; GROUNDWATER SAMPLING DATA SHEETS

LABORATORY ANALYTICAL REPORTS

JUNE 2002 ANALYTICAL RESULTS

NEL LABORATORIES

Corporate Headquarters / Reno Laboratory
4750 Longley Lane, Suite 106
Reno, NV 89502
Phone: 775.348.2522
Fax: 775.348.2546

Las Vegas Laboratory
4208 Arcata Way, Suite A
Las Vegas, NV 89030
Phone: 702.657.1010
Fax: 702.657.1577

Mary Wells, P.E.
Terracon
1630 Hickory Loop, Suite H
Las Cruces, NM 88005

TEL: 505-527-1700

RE Project: **HUNTSMAN** Order No.: **L0206504**

Dear Mary Wells, P.E.:

NEL Laboratories, Las Vegas received 37 samples on 6/29/02 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications unless noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Stan Van Wagenen
Laboratory Manager

7/15/02
Date

Certifications:	Reno	Las Vegas
Arizona	AZ0520	AZ0518
California	1707	2002
Idaho	Certified	Certified
Montana	Certified	Certified
Nevada	NV033	NV052
New Mexico	Certified	Certified

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-15
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-001A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**96.1**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-15
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-002A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/03/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-15
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-002A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2-Fluorophenol	**49.0**	**%REC**	0-88	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: Phenol-d6	**36.6**	**%REC**	0-63	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**88.6**	**%REC**	0-161	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: Nitrobenzene-d5	**77.2**	**%REC**	9-132	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2-Fluorobiphenyl	**76.9**	**%REC**	16-127	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 4-Terphenyl-d14	**85.6**	**%REC**	16-163	1	SW8270C	07/03/02	07/03/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-15
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-003A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.24**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.17**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	**0.0058**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.5**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	D over 20%	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**2.0**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**2.3**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.014**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.038**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-4
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-004A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	**100**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**91.7**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
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S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-4
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-005A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/03/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-4
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-005A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2-Fluorophenol	**42.4**	**%REC**	0-88	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: Phenol-d6	**31.9**	**%REC**	0-63	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**76.7**	**%REC**	0-161	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: Nitrobenzene-d5	**78.4**	**%REC**	9-132	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 2-Fluorobiphenyl	**79.7**	**%REC**	16-127	1	SW8270C	07/03/02	07/03/02	JRW-LV
Surr: 4-Terphenyl-d14	**94.2**	**%REC**	16-163	1	SW8270C	07/03/02	07/03/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-4
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-006A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.36**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.083**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	**0.0051**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.4**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	**0.014**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	**0.014**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	**0.021**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**2.9**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**5.8**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	**0.036**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.0072**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.032**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: DUP
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-007A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	**87**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**94.4**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: DUP
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-008A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

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DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: DUP
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-008A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**41.9**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**34.2**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**90.1**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**63.2**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**64.7**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**90.9**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

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DF - Dilution Factor
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E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: DUP
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-009A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.23**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.059**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	**0.0054**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.4**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**3.1**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**5.8**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.032**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

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S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-14
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-010A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	**11**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**91.5**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
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NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-14
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-011A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-14
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-011A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**46.9**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**36.8**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**97.8**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**70.1**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**75.4**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**89.4**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-14
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-012A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.20**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.11**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.7**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**7.3**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**7.2**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.010**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.041**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-7
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-013A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**87.1**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-7
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-014A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-7
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-014A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**66.9**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**53.4**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**109**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**80.0**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**82.6**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**96.3**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-7
DATE SAMPLED: 6/27/02
NEL SAMPLE ID: L0206504-015A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.20**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.21**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**0.75**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**2.7**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**1.4**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	**0.011**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.047**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.090**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-9S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-016A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**86.8**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-9S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-017A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-9S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-017A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**36.7**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**31.0**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**95.0**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**57.7**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**60.5**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**89.8**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-9S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-018A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	ND	mg/L	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.13**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.2**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**6.4**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**2.6**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.024**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.036**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-019A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**92.3**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-020A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-020A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**41.8**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**32.3**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**74.4**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**63.1**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**61.7**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**74.6**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-021A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.18**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.050**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.4**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**1.0**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**5.7**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.015**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-022A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	**48**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	**3.3**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	**5.8**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	**17**	**µg/L**	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**80.7**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-023A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-023A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**44.1**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**43.5**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**82.5**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**75.7**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**69.2**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**86.2**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
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S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-6S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-024A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**0.21**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.49**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.3**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	**0.044**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**3.9**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**1.7**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.053**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.099**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-025A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**80.8**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-026A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-026A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**36.0**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**28.0**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**75.5**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**54.3**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**56.3**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**82.2**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3D
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-027A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	ND	mg/L	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.060**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**1.5**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**2.3**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**3.8**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.024**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-028A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**84.4**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
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E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-029A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-029A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**54.4**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**40.3**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**88.2**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**89.1**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**94.7**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**100**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-3S
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-030A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	ND	mg/L	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.081**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**0.88**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**1.5**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**1.7**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.0080**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	**0.021**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Up
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-031A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**81.2**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Up
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-032A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Up
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-032A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**31.5**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**22.7**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**61.7**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**56.4**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**53.1**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**71.2**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

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DF - Dilution Factor
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E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Up
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-033A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**1.2**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.083**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**0.19**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	**0.015**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**0.85**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**0.18**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	**0.010**	**mg/L**	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.0054**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
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S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Down
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-034A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
MTBE	ND	µg/L	5.0	1	SW8021		07/07/02	PXC-LV
Benzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Toluene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Ethylbenzene	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Total Xylenes	ND	µg/L	2.0	1	SW8021		07/07/02	PXC-LV
Surr: Trifluorotoluene	**78.8**	**%REC**	60-120	1	SW8021		07/07/02	PXC-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
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E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Down
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-035A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Acenaphthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Acenaphthylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Aniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Azobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benz(a)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(b)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(k)fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzoic acid	ND	µg/L	25	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(g,h,i)perylene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzo(a)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Benzyl alcohol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethoxy)methane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroethyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-chloroisopropyl)ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Bis(2-ethylhexyl)phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Bromophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Butyl benzyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Carbazole	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chloro-3-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chloronaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Chlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Chlorophenyl phenyl ether	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Chrysene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenz(a,h)anthracene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dibenzofuran	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-butyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,3-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,4-Dichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3,3'-Dichlorobenzidine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Diethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dimethylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Dimethyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4,6-Dinitro-2-methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,6-Dinitrotoluene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4-Dinitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
Di-n-octyl phthalate	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluoranthene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Fluorene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Down
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-035A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Hexachlorobutadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachlorocyclopentadiene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Hexachloroethane	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Indeno(1,2,3-cd)pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Isophorone	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylnaphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Methylphenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Naphthalene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
3-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitroaniline	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Nitrobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2-Nitrophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
4-Nitrophenol	ND	µg/L	10	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodimethylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodi-n-propylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
N-Nitrosodiphenylamine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pentachlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Phenanthrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyrene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Pyridine	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
1,2,4-Trichlorobenzene	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,5-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
2,4,6-Trichlorophenol	ND	µg/L	5.0	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorophenol	**43.6**	**%REC**	0-88	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Phenol-d6	**31.4**	**%REC**	0-63	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2,4,6-Tribromophenol	**82.4**	**%REC**	0-161	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: Nitrobenzene-d5	**73.4**	**%REC**	9-132	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 2-Fluorobiphenyl	**72.1**	**%REC**	16-127	1	SW8270C	07/03/02	07/04/02	JRW-LV
Surr: 4-Terphenyl-d14	**86.8**	**%REC**	16-163	1	SW8270C	07/03/02	07/04/02	JRW-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: HUNTSMAN
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Down
DATE SAMPLED: 6/28/02
NEL SAMPLE ID: L0206504-036A

Parameter	Result	Unit	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Aluminum	**2.1**	**mg/L**	0.050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Barium	**0.094**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Beryllium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Boron	**0.20**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cadmium	ND	mg/L	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Chromium	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Cobalt	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Copper	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Iron	**1.8**	**mg/L**	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Manganese	**0.22**	**mg/L**	0.0050	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Molybdenum	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Nickel	ND	mg/L	0.040	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Silver	ND	mg/L	0.010	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Zinc	ND	mg/L	0.10	1	SW 6010B-To	07/02/02	07/05/02	JTY-Reno
Antimony	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Arsenic	**0.0055**	**mg/L**	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Lead	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Selenium	ND	mg/L	0.0050	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno
Thallium	ND	mg/L	0.0020	5	SW 6020-Tota	07/09/02	07/10/02	RMD-Reno

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *15-Jul-02*

DECEMBER 2002 ANALYTICAL RESULTS

NEL LABORATORIES

Corporate Headquarters
6490 S. McCarran Blvd. # 0-30
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Las Vegas Laboratory
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Phone: 702.657.1010
Fax: 702.657.1577

Fred Small
Terracon
1630 Hickory Loop, Suite H
Las Cruces, NM 88005

TEL: (505) 527-1700

RE Project: **Huntsman-Brickman** Order No.: **L0212124**

Dear Fred Small:

NEL Laboratories, Las Vegas received 8 samples on 12/10/202 for the analyses presented in the following report.

There were no problems with the analyses and all data for associated QC met EPA or laboratory specifications unless noted in the Case Narrative.

If you have any questions regarding these tests results, please feel free to call.

Rod T. Miller
Laboratory Director

Date

Certifications:

Arizona	AZ0518
California	2002
Idaho	Certified
Montana	Certified
Nevada	NV052
New Mexico	Certified

NEL Laboratories, Las Vegas

Date: *20-Dec-02*

CLIENT: Terracon
Project: Huntsman-Brickman
Lab Order: L0212124

CASE NARRATIVE

Attached are the analytical results for samples in support of the above referenced project.

The samples submitted for this project were not sampled by NEL. Should you have any questions or comments, please feel free to contact our Client Services Department.

Analytical Comments: None.

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-09S
DATE SAMPLED: 12/6/02
NEL SAMPLE ID: L0212124-001A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**106**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-06D
DATE SAMPLED: 12/6/02
NEL SAMPLE ID: L0212124-002A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**105**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-06S
DATE SAMPLED: 12/6/02
NEL SAMPLE ID: L0212124-003A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**95.5**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-03D
DATE SAMPLED: 12/7/02
NEL SAMPLE ID: L0212124-004A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**102**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor

B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: MW-03S
DATE SAMPLED: 12/7/02
NEL SAMPLE ID: L0212124-005A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**99.5**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-UP
DATE SAMPLED: 12/7/02
NEL SAMPLE ID: L0212124-006A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**100**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: River-Down
DATE SAMPLED: 12/7/02
NEL SAMPLE ID: L0212124-007A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**103**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

NEL LABORATORIES

CLIENT: Terracon
PROJECT ID: Huntsman-Brickman
PROJECT #: 68997611
MATRIX: AQUEOUS

CLIENT ID: Dup-01
DATE SAMPLED: 12/7/02
NEL SAMPLE ID: L0212124-008A

Parameter	Result	Units	Reporting Limit	DF	Method	Prep Date	Analyzed	Analyst
Benzene	ND	µg/L	10	1	SW8021		12/20/02	MKD-LV
Toluene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Ethylbenzene	ND	µg/L	750	1	SW8021		12/20/02	MKD-LV
Total Xylenes	ND	µg/L	620	1	SW8021		12/20/02	MKD-LV
Surr: Trifluorotoluene	**98.5**	**%REC**	60-120	1	SW8021		12/20/02	MKD-LV

ND - Not Detected at the Reporting Limit
DF - Dilution Factor
B - Analyte detected in the associated Method Blank
S - Spike Recovery outside accepted recovery limits
E - Value above quantitation range

Date: *20-Dec-02*

CHAIN-OF-CUSTODY DOCUMENTATION

NEL LABORATORIES

CHAIN OF CUSTODY

NEL Work Order: L0206504

Pg 1.14

Reno Laboratory
4750 Longley Ln, # 106
Reno, NV 89502
Phone: 775-348-2522
Fax: 775-348-2546

Las Vegas Laboratory
4208 Arcata Way, Ste. A
N Las Vegas, NV 89030
Phone: 702-657-1010
Fax: 702-657-1577

Albaquerque	Boise	Las Vegas	Phoenix	Reno	Sacramento
866-360-5726	800-200-2952	888-368-3282	888-238-2514	800-368-5221	800-368-5221

Project Name: Huntsman	Project Number: 68997611
Purchase Order Number:	Sampled By: Victoria Trujillo / Fred Small
Quote No.:	Sales Rep:

Company: Terracon

Address: 1630 Hickory Loop Suite H

Phone Number: 505.577.1700 Phone Number: 505.527.1092

Billing Address: 1630 Hickory Loop Suite H Expected Due Date: 7/3/2002

Las Cruces, NM 88005

Requested Turnaround: X 5-day ____ 2-day ____ 1-day ____ Other

	Sampled Time	Sampled Date	Customer Sample Identification	NEL ID	# of Containers	Matrix (Box #1)	Preservative (Box #2)	Analysis: BTEX 8021	Analysis: 8270	Analysis: 19 Priority Pollutant Metals (See ATTACHED)	Remarks
01	9:25	6/27/02	MW-15	01	3	AQ	AE	X			
02	9:25	6/27/02	MW-15	02	2	AQ	E		X		
03	9:25	6/27/02	MW-15	03	1	AQ	BE			X	
04	10:15	6/27/02	MW-4	04	3	AQ	AE	X			
05	10:15	6/27/02	MW-4	05	2	AQ	E		X		
06	10:15	6/27/02	MW-4	06	1	AQ	BE			X	
07		6/27/02	Dup	07	3	AQ	AE	X			
08		6/27/02	Dup	08	2	AQ	E		X		Received One liter broken
09		6/27/02	Dup	09	1	AQ	BE			X	
10											

Custody Seal intact? (Y) N None Temp. 14°C

Condition when received (good)

Box #1		
	DW - Drinking Water	SD - Solid
	WW - Waste Water	AQ - Aqueous
	OL - Oil/Organic Liquid	A - Air

Box #2		
	A. HCl	E. Ice Only
	B. HNO_3	F Other _____
	C. H_2SO_4	G. Not Preserved
	D. NaOH	

	Relinquished by (Print)	(Signature)	Date/Time	Received by (Print)	(Signature)	Date/Time
1	VICTORIA TRUJILLO	Victoria Trujillo	6/28/02 5pm	Bruce Cunningham	B. Cunningham	6/29/02, 10:30
2						
3						

NEL LABORATORIES

CHAIN OF CUSTODY

NEL Work Order: LOJ06504

Pg. 2/4

Reno Laboratory
4750 Longley Ln, # 106
Reno, NV 89502
Phone: 775-348-2522
Fax: 775-348-2546

Las Vegas Laboratory
4208 Arcata Way, Ste. A
N Las Vegas, NV 89030
Phone: 702-657-1010
Fax: 702-657-1577

Albaquerque 866-360-5726 | **Boise** 800-200-2952 | **Las Vegas** 888-368-3282 | **Phoenix** 888-238-2514 | **Reno** 800-368-5221 | **Sacramento** 800-368-5221

Project Name: HUNTSMAN	Project Number: 68997611
Purchase Order Number:	Sampled By: Victoria Trujillo / Fred Small
Quote No.:	Sales Rep:

Company: TETRACON

Address: 1630 Hickory Loop, Suite H

Phone Number: 505.527.1700 Phone Number: 505 527. 1092

Billing Address: 1630 Hickory Loop Suite H Expected Due Date: 7/8/2002

Las Cruces NM 88005

Requested Turnaround: X 5-day ____ 2-day ____ 1-day ____ Other

	Sampled Time	Sampled Date	Customer Sample Identification	NEL ID	# of Containers	Matrix (Box #1)	Preservative (Box #2)	Analysis: BTEX 8021	Analysis: 8270	Analysis: 19 Priority Pollutant Metals (SEE ATTACHED)	Remarks
10	11:05	6/27/02	MW-14	10	3	AQ	AE	X			
11	11:05	6/27/02	MW-14	11	2	AQ	E		X		
12	11:05	6/27/02	MW-14	12	1	AQ	BE			X	
13	11:35	6/27/02	MW-7	13	3	AQ	AE	X			
14	11:35	6/27/02	MW-7	14	2	AQ	E		X		
15	11:35	6/27/02	MW-7	15	1	AQ	BE			X	
16	11:50	6/28/02	MW-9S	16	3	AQ	AE	X			
17	11:50	6/28/02	MW-9S	17	2	AQ	E		X		
18	11:50	6/28/02	MW-9S	18	1	AQ	BE			X	

Custody Seal intact? (Y) N None Temp. 14°C

Condition when received (good)

Box #1: DW - Drinking Water; WW - Waste Water; OL - Oil/Organic Liquid; SD - Solid; AQ - Aqueous; A - Air

Box #2: A. HCl; B. HNO_3; C. H_2SO_4; D. NaOH; E. Ice Only; F Other ____; G. Not Preserved

Relinquished by (Print)	(Signature)	Date/Time	Received by (Print)	(Signature)	Date/Time
1 VICTORIA TRUJILLO	Victoria Trujillo	6/28/02 5pm	Bruce Cunningham	B. Cunningham	06/29/02, 10:30
2					
3					

NEL LABORATORIES

CHAIN OF CUSTODY

NEL Work Order: L0206504

Pg. 3/4

Reno Laboratory
4750 Longley Ln, # 106
Reno, NV 89502
Phone: 775-348-2522
Fax: 775-348-2546

Las Vegas Laboratory
4208 Arcata Way, Ste. A
N Las Vegas, NV 89030
Phone: 702-657-1010
Fax: 702-657-1577

Albaquerque 866-360-5726 | **Boise** 800-200-2952 | **Las Vegas** 888-368-3282 | **Phoenix** 888-238-2514 | **Reno** 800-368-5221 | **Sacramento** 800-368-5221

Project Name: Huntsman	Project Number: 68997611
Purchase Order Number:	Sampled By: Victoria Trujillo / Fred Small
Quote No.:	Sales Rep:

Company: TETRACON

Address: 1630 Hickory Loop Suite H

Phone Number: 505.527.1700 Phone Number: 505.527.1092

Billing Address: 1630 Hickory Loop Suite H Expected Due Date: 7/8/2002

Las Cruces NM 88005

Requested Turnaround: X 5-day ____ 2-day ____ 1-day ____ Other

	Sampled Time	Sampled Date	Customer Sample Identification	NEL ID	# of Containers	Matrix (Box #1)	Preservative (Box #2)	Analysis: BTEX 8021	Analysis: 8270	Analysis: 13 Priority Pollutant Metals (See Attached)	Remarks
19	10:15	6/28/02	MW-6D	19	3	AQ	AE	X			
20	10:15	6/28/02	MW-6D	20	2	AQ	E		X		
21	10:15	6/28/02	MW-6D	21	1	AQ	BE			X	
22	10:32	6/28/02	MW-6S	22	3	AQ	AE	X			
23	10:32	6/28/02	MW-6S	23	2	AQ	E		X		
24	10:32	6/28/02	MW-6S	24	1	AQ	BE			X	
25	11:45	6/28/02	MW-3D	25	3	AQ	AE	X			
26	11:45	6/28/02	MW-3D	26	2	AQ	E		X		
27	11:45	6/28/02	MW-3D	27	1	AQ	BE			X	
~~28~~											

Custody Seal intact? (Y) N None Temp. 14°C

Condition when received (good)

Box #1: DW - Drinking Water; WW - Waste Water; OL - Oil/Organic Liquid; SD - Solid; AQ - Aqueous; A - Air

Box #2: A. HCl; B. HNO_3; C. H_2SO_4; D. NaOH; E. Ice Only; F Other ____; G. Not Preserved

Relinquished by (Print)	(Signature)	Date/Time	Received by (Print)	(Signature)	Date/Time
1 VICTORIA TRUJILLO	Victoria Trujillo	6/28/02 5pm	B. Cunningham	Brian D. Cunningham	6/29/02, 10:30
2					
3					

NEL LABORATORIES

CHAIN OF CUSTODY

NEL Work Order: L0206504

Pg. 4/4

Reno Laboratory
4750 Longley Ln, # 106
Reno, NV 89502
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Albaquerque 866-360-5726 | **Boise** 800-200-2952 | **Las Vegas** 888-368-3282 | **Phoenix** 888-238-2514 | **Reno** 800-368-5221 | **Sacramento** 800-368-5221

Project Name: Huntsman	Project Number: 68997611
Purchase Order Number:	Sampled By: VICTORIA TRUJILLO / FRED SMALL
Quote No.:	Sales Rep:

Company: TETRACON

Address: 1630 HICKORY Loop Suite H

Phone Number: 505.527.1700 Phone Number: 505 527.1092

Billing Address: 1630 HICKORY Loop Suite H Expected Due Date: 7/8/02

Las Cruces NM 88005

Requested Turnaround: X 5-day ____ 2-day ____ 1-day ____ Other

	Sampled Time	Sampled Date	Customer Sample Identification	NEL ID	# of Containers	Matrix (Box #1)	Preservative (Box #2)	Analysis: BTEX 8021	Analysis: 8270	Analysis: 13 Priority Pollutant Metals (see attached)	Remarks
28	12:08	6/28/02	MW - 3S	29	3	AQ	AE	X			
29	12:08	6/28/02	MW - 3S	29	2	AQ	E		X		
30	12:08	6/28/02	MW - 3S	30	1	AQ	BE			X	
31	12:30	6/28/02	River - Up	31	3	AQ	AE	X			
32	12:30	6/28/02	River - Up	32	2	AQ	E		X		Received One Liter broken
33	12:30	6/28/02	River - Up	33	1	AQ	BE			X	None received
34	12:45	6/28/02	River - ~~EP~~ Down	34	3	AQ	AE	X			
35	12:45	6/28/02	River - Down	35	2	AQ	E		X		
36	12:45	6/28/02	River - Down	36	1	AQ	BE			X	None received SW2
37			TRIP BLANK	37	3	AQ	AE	X			

Custody Seal intact? (Y) N ~~None~~ Temp. 14°C (5.6°C)

Condition when received good

Box #1		
	DW - Drinking Water	SD - Solid
	WW - Waste Water	AQ - Aqueous
	OL - Oil/Organic Liquid	A - Air

Box #2		
	A. HCl	E. Ice Only
	B. HNO_3	F Other _____
	C. H SO	G. Not Preserved
	D. NaOH	

	Relinquished by (Print)	(Signature)	Date/Time	Received by (Print)	(Signature)	Date/Time
1	VICTORIA TRUJILLO	Victoria Trujillo	5pm 6/28/02	Bruce Cunningham	B. Cunningham	06/29/02, 10:30
2						
3						

NEL LABORATORIES

CHAIN OF CUSTODY

NEL Work Order: L0212124

Public Water System (PWS) Number:

Las Vegas Laboratory
4208 Arcata Way, Ste. A
N Las Vegas, NV 89030
Phone: 702-657-1010
Fax: 702-657-1577

Reno	800-368-5221
Las Vegas	888-368-3282
Phoenix	888-238-2514
Boise	800-200-2952
Sacramento	800-368-5221
Albuquerque	866-360-5726
Denver	888-900-7477

Project Name: Huntsman - Brickland	Project Number: 68997611
Purchase Order Number:	Sampled By: Victoria Trujillo / Fred Small
NEL Quote No.:	NEL Sales Rep:

Company: Terracon Attention: Fred Small
Address: 1030 Hickory Loop Suite H
City, State, Zip Code: Las Cruces, NM 88005
Phone Number: 505.527.1700 Fax Number: 505.527.1092
Billing Address
Expected Due Date: ~~16 Dec 2002~~ KB 12/17

Requested Turnaround: X 5-day ____ 2-day ____ 1-day ____ Other

Analysis: BTEX ~~(8021)~~ 8021 (no MTBE) per Victoria to BGC 12/10/02 (See Note #1)

Sampled Time	Sampled Date	Customer Sample Identification	NEL ID	Total # of Containers	Matrix (Box #1)	See Note #1	BTEX	Remarks
2:58	6Dec02	MW-09S	01	3	AQ	3A	X	
3:35	6Dec02	MW-06D	02	3	AQ	3A	X	
4:45	6Dec02	MW-06S	03	3	AQ	3A	X	
11:30	7Dec02	MW-03D	04	3	AQ	3A	X	
12:00	7Dec02	MW-03S	05	3	AQ	3A	X	
12:10	7Dec02	River-UP	06	3	AQ	3A	X	
12:15	7Dec02	River-Down	07	3	AQ	3A	X	
	7Dec02	DUP-101	08	3	AQ	3A	X	

Note #1:
Enter the number of containers submitted for the indicated Analysis followed by the preservation (see Box #2 below).
Eg: 3A = 3 containers with HCl preservation

Custody Seal intact? Y N (None) Temp. 10°C
Condition when received (good)

Box #1
DW - Drinking Water
WW - Waste Water
OL - Oil/Organic Liquid
SD - Solid
AQ - Aqueous
A - Air

Box #2
A. HCl
B. HNO_3
C. H_2SO_4
D. NaOH
E. Ice Only
F Other ______
G. Not Preserved

	Relinquished by (Print)	Signature	Date/Time	Received by (Print)	Signature	Date/Time
1	Victoria Trujillo	Victoria Trujillo	9 Dec 2002 5pm	VIA	FED EX	
2	VIA	FED EX		Krista Bauman	KBauman	12-10-02 / 950
3						

ORIGINAL

GROUNDWATER SAMPLING DATA SHEETS

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Nunsman
Job Location: Buckland Refinery
Job No. **68997611**
Test Date: 6/27/02
Weather:
MW # 15 Sampled By: WT / PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 11:19
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 45 gal.
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump.
Static Water Level: 13.21	Decontamination Procedure:
Total Well Depth: 35.20	Alconox + 2 rinses
Height of Water Column (h): 21.99	

EVACUATION RECORD						
Time:	8.52	9:03	9:13	9:25		
Vol. Purged (gal):	**Initial**	15	15	15		
Water Temperature (F):	81.1	79.3	79.3	79.5		
pH (standard units):	7.13	7.00	6.97	7.02		
Specific Conductivity (uS):	3.92	5.00	4.85	4.79		
Turbidity (subjective):	yellow	yellow	clear	clear		
Odor (subjective):	yes	yes	yes	yes		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/27/2002 Time: 9:25	Samples Filtered: No.
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270,	
19 Priority Pollutants	Samples Preserved: yes
Laboratory: NET	Method: HNO_2, HCL, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brookland Refinery
Job No. **68997611**
Test Date: 6/27/2002
Weather:
MW # 4 Sampled By: WT / PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 12:51
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 30 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 2.97	Decontamination Procedure:
Total Well Depth: 18.00	Alconox + 2 rinses
Height of Water Column (h): 15.03	

EVACUATION RECORD						
Time:	9:48	9:54	10:03	10:07		
Vol. Purged (gal):	**Initial**	10	10	10		
Water Temperature (F):	77.6	76.5	77.8	76.2		
pH (standard units):	6.74	7.16	6.77	7.14		
Specific Conductivity (uS):	6.30	6.88	7.09	7.15		
Turbidity (subjective):	1. yel.	clear	clear	clear		
Odor (subjective):	yes	yes	no	no		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/27/2002 Time: 10:15	Samples Filtered: no
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270	
Priority Pollutants	Samples Preserved: yes
Laboratory: NEL	Method: HNO_3, HCl, ice

* Note: Duplicate Samples taken from this well. Total 6.

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/27/2002
Weather:
MW # 14 Sampled By: WT/PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 1:01
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 45 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 4.57	Decontamination Procedure:
Total Well Depth: 26.10	Alconox + 2 rinses
Height of Water Column (h): 21.53	

EVACUATION RECORD						
Time:	10:34	10:43	10:52	11:05		
Vol. Purged (gal):	**Initial**	15	15	15		
Water Temperature (F):	76.6	78.3	78.5	78.4		
pH (standard units):	6.79	7.16	6.81	6.78		
Specific Conductivity (uS):	6.26	6.80	6.76	6.68		
Turbidity (subjective):	clear	clear	clear	clear		
Odor (subjective):	yes	no	no	no		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/27/2002 Time: 11:05	Samples Filtered: no
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270	
Priority Pollutants	Samples Preserved: yes
Laboratory: TEL	Method: HNO3, HCL, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Buckeland Refinery
Job No. **68997611**
Test Date: 6/27/2002
Weather:
MW # 7 Sampled By: WT/PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 12:33
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 25 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 3.68	Decontamination Procedure:
Total Well Depth: 15.50	Alconox + 2 rinses
Height of Water Column (h): 11.82	

EVACUATION RECORD						
Time:	11:18	11:24	11:30	11:35		
Vol. Purged (gal):	**Initial**	10	10	5		
Water Temperature (F):	85.0	79.5	78.8	78.8		
pH (standard units):	7.16	6.93	7.07	7.10		
Specific Conductivity (uS):	2.16	3.59	4.18	4.14		
Turbidity (subjective):	cyllow	lgt.	clear	clear		
Odor (subjective):	yes	yes	yes	no		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/27/2002 Time: 11:35	Samples Filtered: No
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270, Priority Pollutants	
	Samples Preserved: yes
Laboratory: NET	Method: HNO_3, HCl, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/27/2002
Weather:
MW # 9S Sampled By: WT/FVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 2:51
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 20 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: Pump
Static Water Level: 4.96	Decontamination Procedure:
Total Well Depth: 15.56	Alconox + 2 rinses
Height of Water Column (h): 10.60	

EVACUATION RECORD						
Time:	1:41	1:44	1:46	1:50		
Vol. Purged (gal):	**Initial**	10	5	5		
Water Temperature (F):	86.6	80.4	77.5	75.6		
pH (standard units):	7.02	7.05	7.00	7.01		
Specific Conductivity (uS):	4.21	4.66	4.61	4.91		
Turbidity (subjective):						
Odor (subjective):	yes	yes	yes	yes		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/27/2002 Time: 11:50	Samples Filtered: No
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270	
Priority Pollutants	Samples Preserved: Yes
Laboratory: RDF.	Method: HNO_3, HCl, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/28/2002
Weather:
MW # 6D Sampled By: VT/PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 2:55
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 65 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: Pump
Static Water Level: 5.22	Decontamination Procedure:
Total Well Depth: 38.00	Alconox + 2 rinses
Height of Water Column (h): 32.78	

EVACUATION RECORD						
Time:	9:15	9:26	9:51	10:15		
Vol. Purged (gal):	**Initial**	25	20	20		
Water Temperature (F):	72.6	71.7	72.8	73.0		
pH (standard units):	6.70	7.12	7.24	7.41		
Specific Conductivity (uS):	8.29	9.36	9.27	9.40		
Turbidity (subjective):	clear	clear	clear	clear		
Odor (subjective):	no	yes	no	no		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/28/2002 Time: 10:5	Samples Filtered: No
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021, 8270	
Priority Pollutants	Samples Preserved: Yes
Laboratory: LET	Method: HNO_3, HCl, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/28/2002
Weather:
MW # 6S Sampled By: VT/PHS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 2:51
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 40gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method:
Static Water Level: 5.43	Decontamination Procedure:
Total Well Depth: 17.00	
Height of Water Column (h): 21.43	

EVACUATION RECORD						
Time:	10:22	10:25	10:30			
Vol. Purged (gal):	**Initial**	5	5			
Water Temperature (F):	75.2	73.5	73.6			
pH (standard units):	7.06	7.15	6.98			
Specific Conductivity (uS):	6.69	6.93	7.04			
Turbidity (subjective):	yellow	yellow	yellow			
Odor (subjective):	yes	yes	yes			
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/28/2002 Time: 10:32	Samples Filtered: No
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021 8270	
Priority Pollutants	Samples Preserved: yes
Laboratory: DHL	Method: HNO_3, HCl, Ice

*Note: Well ran dry after 10 gal 12 gal purged.

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/28/2002
Weather:
MW # 30 Sampled By: WT / PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 3:23
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 6.59 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: Pump
Static Water Level: 4.37	Decontamination Procedure:
Total Well Depth: 37.50	Alconox + 2 rinses
Height of Water Column (h): 33.13	

EVACUATION RECORD						
Time:	11:14	11:25	11:36	11:44		
Vol. Purged (gal):	**Initial**	25	20	20		
Water Temperature (F):	76.5	76.5	74.6	74.8		
pH (standard units):	7.17	7.20	7.42	7.64		
Specific Conductivity (uS):	8.81	8.11	8.66	8.93		
Turbidity (subjective):	clear	clear	clear	clear		
Odor (subjective):	none	no	no	no		
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/28/2002 Time: 11:45	Samples Filtered: No
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021 8270	
Priority Pollutants	Samples Preserved: Yes
Laboratory: DET	Method: HNO_3, HCl, Ice

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Brickland Refinery
Job No. **68997611**
Test Date: 6/28/2002
Weather:
MW # 35 Sampled By: VIT/PVS

WATER LEVEL DATA / EVACUATION DATA	
Date: 6/26/2002	Time: 3:27
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 30gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 4.81	Decontamination Procedure:
Total Well Depth: 16.50	Alconox + D rinses
Height of Water Column (h): 11.69	

EVACUATION RECORD						
Time:	11:53	12:03	12:08			
Vol. Purged (gal):	**Initial**	10	10			
Water Temperature (F):	~~71.5~~	75.8	73.4			
pH (standard units):	7.36	7.26	7.43			
Specific Conductivity (uS):	6.22	6.08	6.41			
Turbidity (subjective):	Clear	clear	clear			
Odor (subjective):	no	no	no			
Dissolved Oxygen:						

SAMPLING DATA	
Date: 6/28/2002 Time: 12:08	Samples Filtered: no
No. of Sample Containers Collected: 6	Method:
Analysis Requested:; 8021 8270	
priority pollutants	Samples Preserved: yes
Laboratory: NET	Method: HNO_3, HCl, Ice

* Note well purged dry. ~17 gal.

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: Huntsman
Job Location: Buckland Refinery
Job No. **68997611**
Test Date:
Weather:
MW # Sampled By: VVT/PLS

WATER LEVEL DATA / EVACUATION DATA	
Date:	Time:
Measuring Method:	Casing Diameter (d):
	Volume of Water in Well:
Measuring Point:	(.041 x dxd x h)
	Evacuation Method:
Static Water Level:	Decontamination Procedure:
Total Well Depth:	
Height of Water Column (h):	

EVACUATION RECORD						
Time:						
Vol. Purged (gal):	**Initial**					
Water Temperature (F):						
pH (standard units):						
Specific Conductivity (uS):						
Turbidity (subjective):						
Odor (subjective):						
Dissolved Oxygen:						

SAMPLING DATA	
Date: Time:	Samples Filtered:
No. of Sample Containers Collected:	Method:
Analysis Requested:;	
	Samples Preserved:
Laboratory:	Method:

* 6 Samples: River-Up (trace bottles used)
* 6 Samples: River-Down

Huntsman Bi-annual Field Notes 6/26/2002					
Well/ Well Point	Time	Depth to Product	Depth to Water	Product Thickness	Comments
MW 09D	~~12~~55	-	-	-	Dry
MW09S	2:51	-	4.96		
MW06D	2:55	-	5.22		
MW06S	3:20	-	5.43		
MW03D	3:23	-	4.37		
MW03S	3:27	-	4.81		
MW 01	3:31	-	4.03		
MW-12	3:38	-	3.48		
MW-05	12:40	-	3.74		
MW-04	12:51	-	2.97		
MW-14	1:01	-	4.57		
MW-08	12:37	-	3.84		
MW-07	12:33	-	3.68		
MW-17	12:15	-	6.27		
MW-11	12:45	-	5.85		
MW-10	6/28/2002 12:00	-	6.87		
MW-16					
MW-15	11:19	-	13.22		
WP-32	-	-	-	-	Dry
WP-27D	11:31	11.84	11.83	0.01	
WP-27S	11:27	-	11.68		
WP-25	-	-	Dry	-	Dry
WP-31	-	-	-	-	Dry
WP-07	11:00	-	11.58	-	
WP-01	~~8:31~~				
WP-02	12:04	-	6.05		
WP-03	12:06		5.62		
WP26D	11:50	7.69	7.68	0.01	
WP-26S	9:00	8.69	6.89	1.80	
WP30	12:27	-	10.66	-	
WP-14	4:01	-	3.89	-	Tar pit
WP 33	12:43		9.89		
WP26S	6/25/2002	7.56	7.14	0.42	After pump + 2 days

45
30
45
25
20
65
~~40~~ 12
65
~~30~~ 17
324

6 DEC 2002

Huntsman Bi-annual Field Notes					
Well/ Well Point	Time	Depth to Product	Depth to Water	Product Thickness	Comments
MW15	10:15am	–	15.24	–	NP
WP 32	10:19am	–	–	–	DRY.
WP 27D	10:21	13.64	14.00	0.46	stinks! product.
WP 27S	10:34	–	13.66	–	NP
WP 25	10:38	–	–	–	Dry.
MW-16	10:45	–	13.95	–	NP
WP-31	10:51	–	–	–	Dry.
WP-7	10:53	–	10.53	–	NP (sheen)
WP-01	10:58	–	10.10	–	NP
WP-02	11:03	–	8.27	–	NP
WP-26D	11:06	–	9.87	–	NP
WP-26S	11:09	8.98	9.11	0.13	product. pumped out 7 Dec 02
7 Dec MW-10	12:30	9.43	9.14	0.01	sheen
MW-11	11:24	–	7.94	–	NP
WP-30	11:20	–	10.96	–	NP (sheen)
WP-33	11:27	–	9.25	–	NP
~~MWP03~~	11:31	–	–	–	Dry.
MW-17	11:40	–	8.44	–	NP
MW-07	11:48	–	5.33	–	NP
MW-14	11:55	–	6.75	–	NP
MW-08	11:52	–	5.62	–	NP
MW-04	12:00pm	–	5.09	–	NP
MW-05	12:06	–	5.95	–	NP
WP-14	12:13	5.7	–	–	TAR.
MW-09S	12:22	~~6.97~~	6.97	–	NP
MW-09D	12:23	–	–	–	Dry!
MW-06D	12:28	–	7.38	–	NP
MW-06S	12:31	–	7.37	–	NP
MW-03S	12:38	–	6.43	–	NP
MW-03D	12:41	–	6.51	–	NP
MW-01	12:45	–	6.11	–	NP
MW-12	12:53	–	5.56	–	NP

9
60
7
60
13
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GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: **Huntsman Polymers Corporation**
Job Location: **Sunland Park, NM**
Job No. **68997611**
Test Date: 6 DEC. 2002
Weather: Cool
MW # 9S Sampled By: **FVS/ VVT**

WATER LEVEL DATA / EVACUATION DATA	
Date: 6 Dec 2002	Time: 12:22
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: ~~10 7.17~~
Measuring Point: TOC	(.041 x dxd x h) 13 gal
	Evacuation Method: pump
Static Water Level: 6.97	Decontamination Procedure:
Total Well Depth: 13.6	alconox + 2 rinses
Height of Water Column (h): 6.63	

EVACUATION RECORD						
Time:	2.45	5	5	5		
Vol. Purged (gal):	**Initial**	250	253	255		
Water Temperature (F):	63.6	67.5	68.5	67.7		
pH (standard units):	6.72	6.82	6.93	7.02		
Specific Conductivity (uS):	8.89	8.36	7.97	7.83		
Turbidity (subjective):	yellow	yellow	yellow	clear		
Odor (subjective):	yes	yes	yes	no		
Dissolved Oxygen:	—	—	—	—		

SAMPLING DATA	
Date: 6-Dec 2002 Time: 2:58 pm	Samples Filtered: **No**
No. of Sample Containers Collected: 3	Method: **N/A**
Analysis Requested:; 8021	
	Samples Preserved: **Yes**
Laboratory: NEL	Method: HCl

2:58 pm

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: **Huntsman Polymers Corporation**
Job Location: **Sunland Park, NM**
Job No. **68997611**
Test Date: 6 Dec 02
Weather: Cool
MW #D6D Sampled By: **FVS/ VVT**

WATER LEVEL DATA / EVACUATION DATA	
Date: 6 Dec. 02	Time: 12:28
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 60 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 7.38	Decontamination Procedure:
Total Well Depth: 38.00	Alconox + 2 rinses
Height of Water Column (h): 30.62	

EVACUATION RECORD						
Time:	3:16	3:26	3:40	3:51		
Vol. Purged (gal):	**Initial**	20	20	20		
Water Temperature (F):	64.2	64.9	63.7	63.1		
pH (standard units):	7.54	7.59	7.42	7.43		
Specific Conductivity (uS):	9.88	10.87	11.11	11.11		
Turbidity (subjective):	Clear	C	C	C		
Odor (subjective):	NO	N	N	N		
Dissolved Oxygen:	—	—		—		

SAMPLING DATA	
Date: 6 Dec 2002 Time: 3:35 pm	Samples Filtered: **No**
No. of Sample Containers Collected: 3	Method: **N/A**
Analysis Requested:; 8021	
	Samples Preserved: **Yes**
Laboratory: NEL	Method: HCl

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: **Huntsman Polymers Corporation**
Job Location: **Sunland Park, NM**
Job No. **68997611**
Test Date: 6 Dec 2002
Weather: Cool
MW # 203 Sampled By: **FVS/ VVT**

WATER LEVEL DATA / EVACUATION DATA	
Date: 6 Dec 2002	Time: 12:31
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well:
Measuring Point: TOC	(.041 x dxd x h) 19 gal
	Evacuation Method: pump
Static Water Level: 7.37	Decontamination Procedure:
Total Well Depth: 17.00	alconox + 2 rinses
Height of Water Column (h): 9.63	

EVACUATION RECORD						
Time:	4:00	4:04	4:10			
Vol. Purged (gal):	Initial	5	8 2	5		
Water Temperature (F):	63.0	65.5	63.4			
pH (standard units):	7.22	7.30	7.23			
Specific Conductivity (uS):	8.06	7.49	8.63			
Turbidity (subjective):	yel.	yel	black			
Odor (subjective):	sl	Slight	Slight			
Dissolved Oxygen:	—	—	—	—		

dry
7 gal

SAMPLING DATA	
Date: 6 Dec 2002 Time: 4:45pm	Samples Filtered: **No**
No. of Sample Containers Collected: 3	Method: **N/A**
Analysis Requested:: 8021	
	Samples Preserved: **Yes**
Laboratory: NEL	Method: HCl

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: **Huntsman Polymers Corporation**
Job Location: **Sunland Park, NM**
Job No. **68997611**
Test Date: 6 Dec 2002
Weather: Cool
MW # 03D Sampled By: **FVS/ VVT**

WATER LEVEL DATA / EVACUATION DATA	
Date: 6 Dec. 2002	Time: 12:41
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: ₹
Measuring Point: TOC	(.041 x dxd x h) 60 gal
	Evacuation Method: pump
Static Water Level: 6.51	Decontamination Procedure:
Total Well Depth: 37.5	alconox + 2 rinses
Height of Water Column (h): 30.99	

EVACUATION RECORD						
Time:	10:40	10:49	11:01	11:13		
Vol. Purged (gal):	**Initial**	20	20	20		
Water Temperature (F):	60.5	62.3	62.2	62.5		
pH (standard units):	6.67	7.08	7.18	7.21		
Specific Conductivity (uS):	9.87	10.06	9.98	9.94		
Turbidity (subjective):	N	N	N	N		
Odor (subjective):	N	N	N	N		
Dissolved Oxygen:	—	—	—	—		

SAMPLING DATA	
Date: 6 Dec 2002 Time: 11:30am	Samples Filtered: **No**
No. of Sample Containers Collected: 3	Method: **N/A**
Analysis Requested:; 8021	
	Samples Preserved: **Yes**
Laboratory: NTL	Method: HCl

GROUNDWATER SAMPLING DATA SUMMARY

GENERAL DATA
Job Name: **Huntsman Polymers Corporation**
Job Location: **Sunland Park, NM**
Job No. **68997611**
Test Date: 6 Dec 2002
Weather: Cool
MW #035 Sampled By: **FVS/ VVT**

WATER LEVEL DATA / EVACUATION DATA	
Date: 6 Dec 2002	Time: 12:38
Measuring Method:	Casing Diameter (d): 4
	Volume of Water in Well: 20 gal
Measuring Point: TOC	(.041 x dxd x h)
	Evacuation Method: pump
Static Water Level: 6.43	Decontamination Procedure:
Total Well Depth: 16.5	alconox + 2 rinses
Height of Water Column (h): 10.07	

EVACUATION RECORD							
Time:	11:25	11:36	[illegible]				
Vol. Purged (gal):	**Initial**	5	5	5			
Water Temperature (F):	64.3	64.5	[illegible]				
pH (standard units):	7.30	7.83	7.43				
Specific Conductivity (uS):	7.09	485	6.7a				
Turbidity (subjective):	N	N	N				
Odor (subjective):	N	N	N.				
Dissolved Oxygen:	—	—	—				

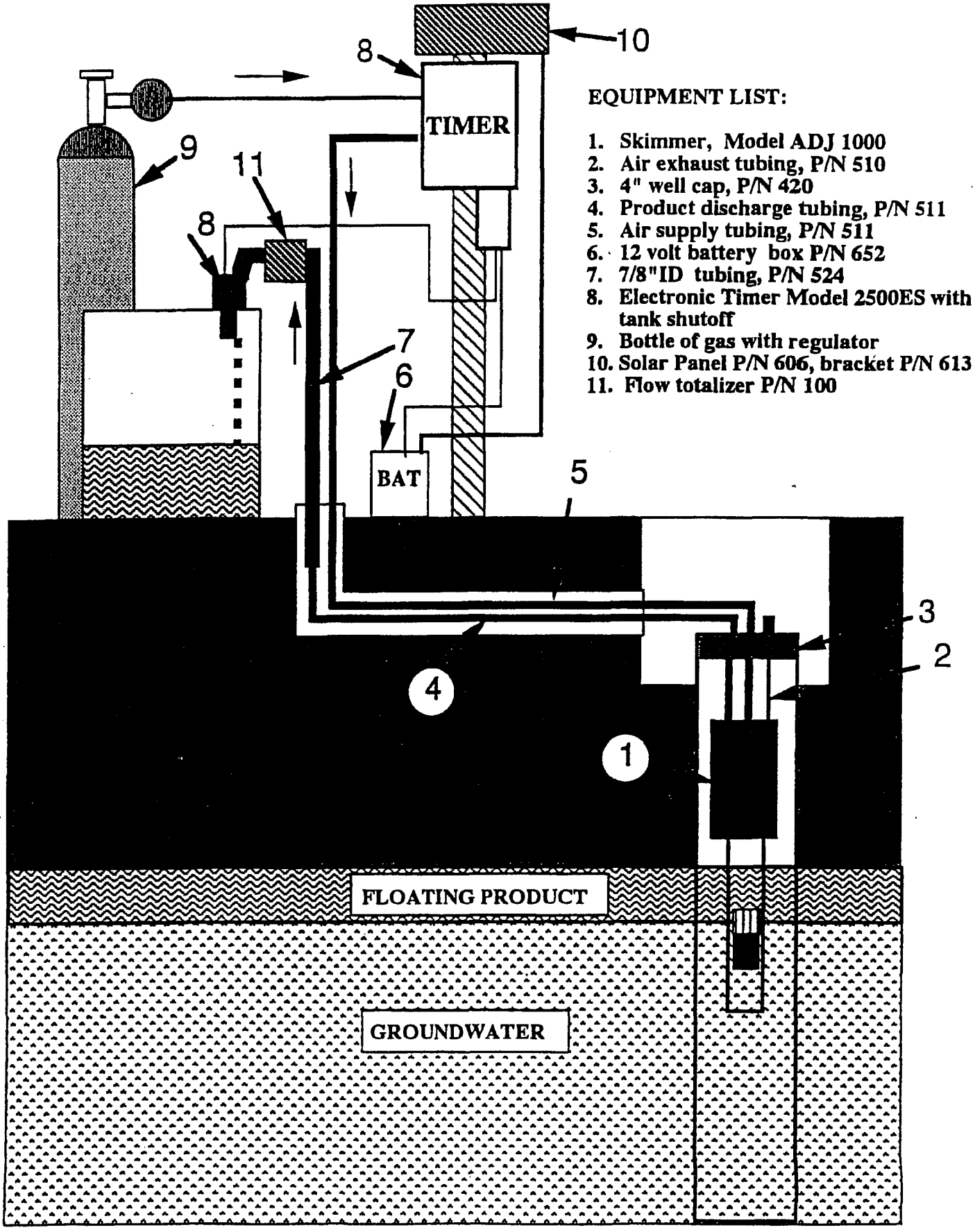
9 gals well went dry

SAMPLING DATA	
Date: 6 Dec 2002 Time: 12:00	Samples Filtered: **No**
No. of Sample Containers Collected: 3	Method: **N/A**
Analysis Requested:; 8021	
	Samples Preserved: **Yes**
Laboratory: NEL	Method: HCL

River Up - 12:10
River Down: 12:15

XITECH PRODUCT RECOVERY SYSTEM DRAWING AND SPECIFICATIONS

XITECH LNAPL RECOVERY SYSTEM
Without the use of AC Power

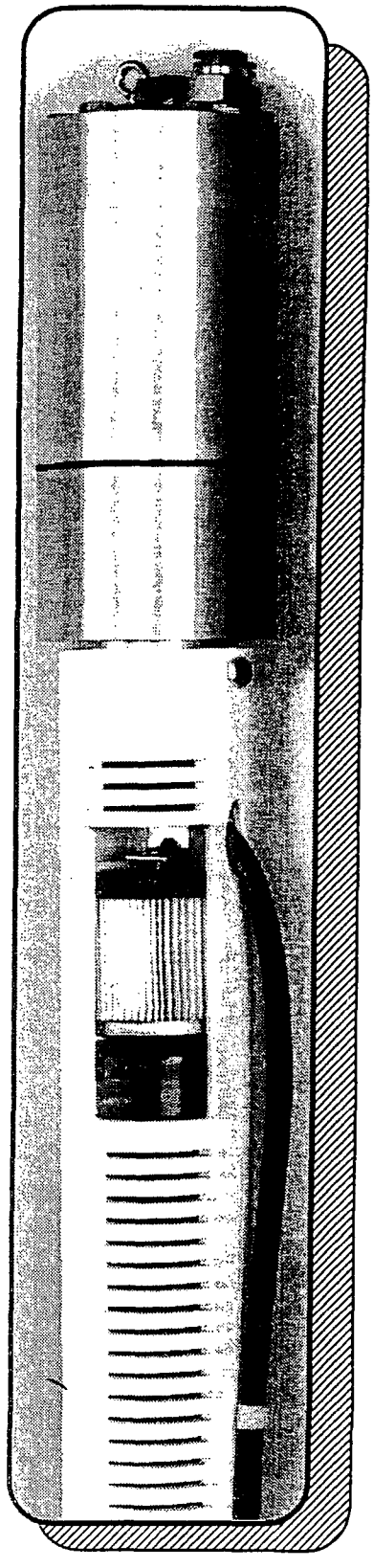


EQUIPMENT LIST:

1. Skimmer, Model ADJ 1000
2. Air exhaust tubing, P/N 510
3. 4" well cap, P/N 420
4. Product discharge tubing, P/N 511
5. Air supply tubing, P/N 511
6. 12 volt battery box P/N 652
7. 7/8"ID tubing, P/N 524
8. Electronic Timer Model 2500ES with tank shutoff
9. Bottle of gas with regulator
10. Solar Panel P/N 606, bracket P/N 613
11. Flow totalizer P/N 100

4" LNAPL Recovery Skimmer

The ADJ1000 Skimmer removes product ONLY down to a sheen, operates on bottled gas, is intrinsically safe, and can be installed in less than 1 hour. The ADJ1000 requires no above ground controls to operate, Requires a 4" well diameter, has 30 inches of float travel, uses a dual entry hydrophobic filter, pumps over 25 GPH, and consumes less than .5 CFM of air. The Optional Xitech Programmable Site Managers provide intermittent pumping control for the ADJ1000 Skimmer, continuous electronic monitoring of the high level tank shutoff sensor, displays total run time of system, and operate on a 12DC/120AC/220AC power sources.



Specifications

Pumping range from 5-25 GPH
Skimmer float travel: 30 inches
Operating pressure range: 35-125 PSIG
Maximum operating well depth: 200 feet
Max air requirements: .5 CFM@125 PSIG
Air quality requirements: 5-10 Microns
Size: 3-1/2" DIA. X 48" L
Weight: 11 LBS
Materials : PVC, SST, Viton, Buna. Al
Order No. **ADJ1000**

U.S. Patent# 5,326,458

2500ES Electronic Timer with Tank Shut-off

Without the use of AC power

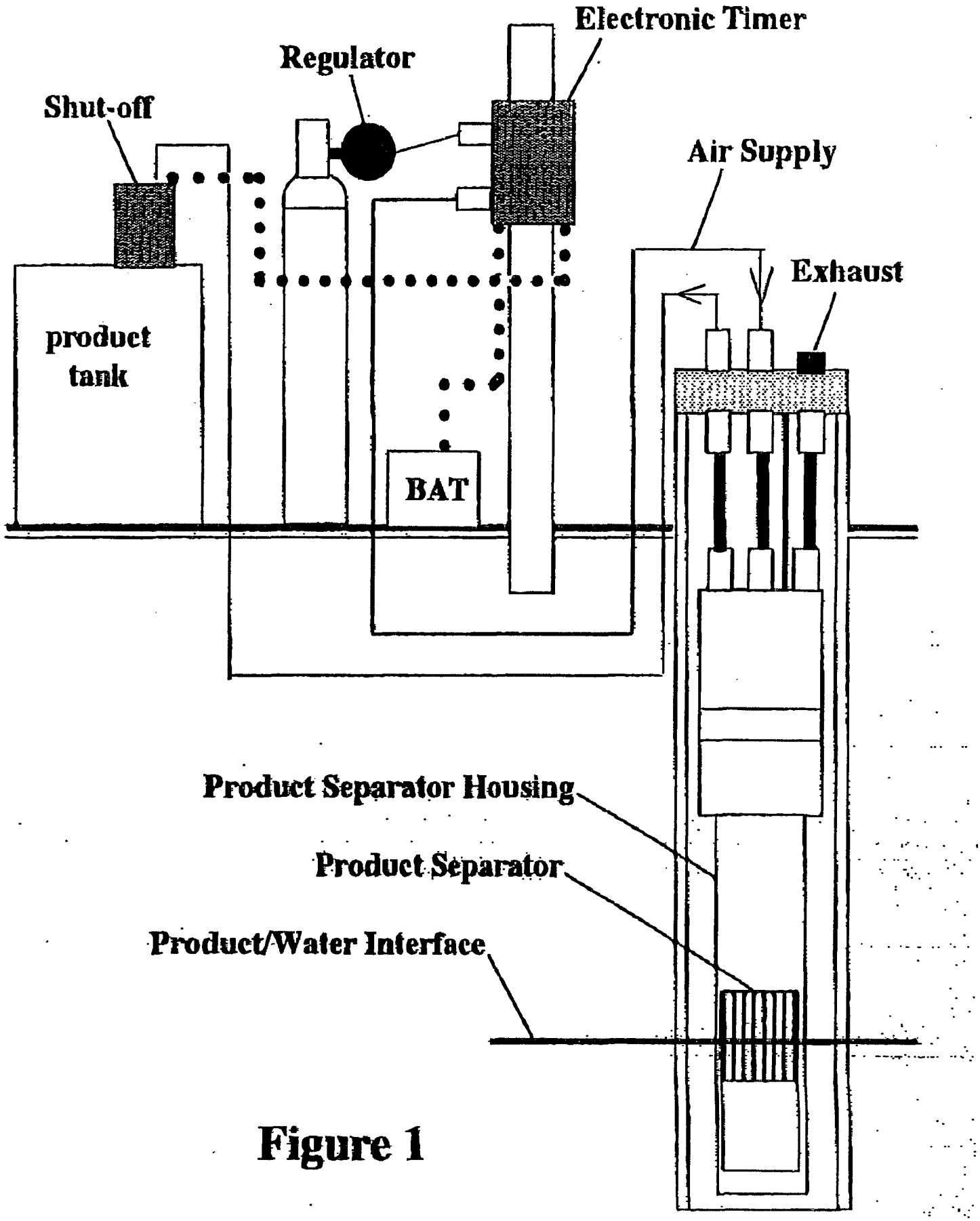


Figure 1

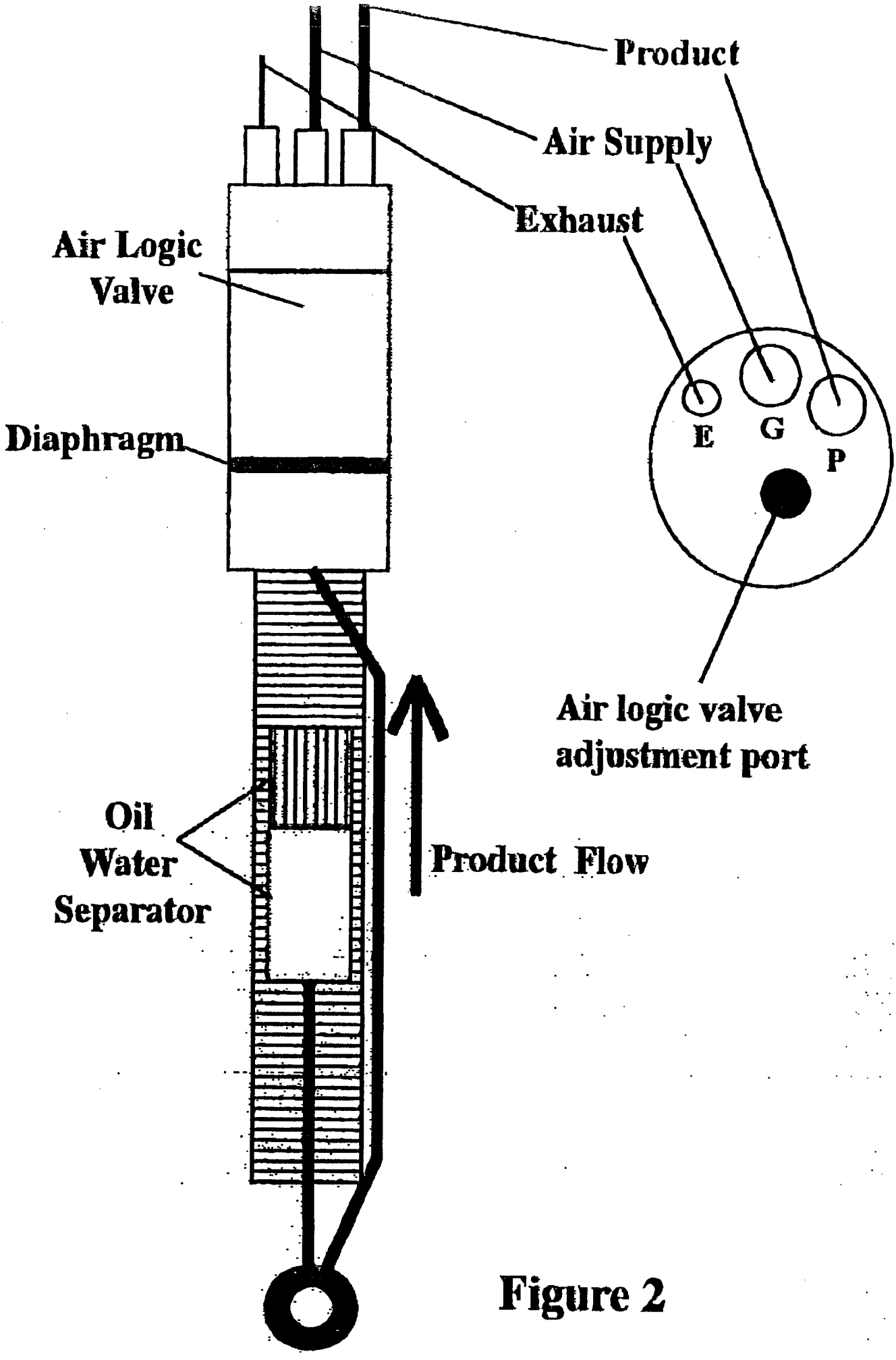

Product
Air Supply
Exhaust
Air Logic Valve
Diaphragm
E
G
P
Air logic valve adjustment port
Oil Water Separator
Product Flow

Figure 2

2500ES Electronic Timer

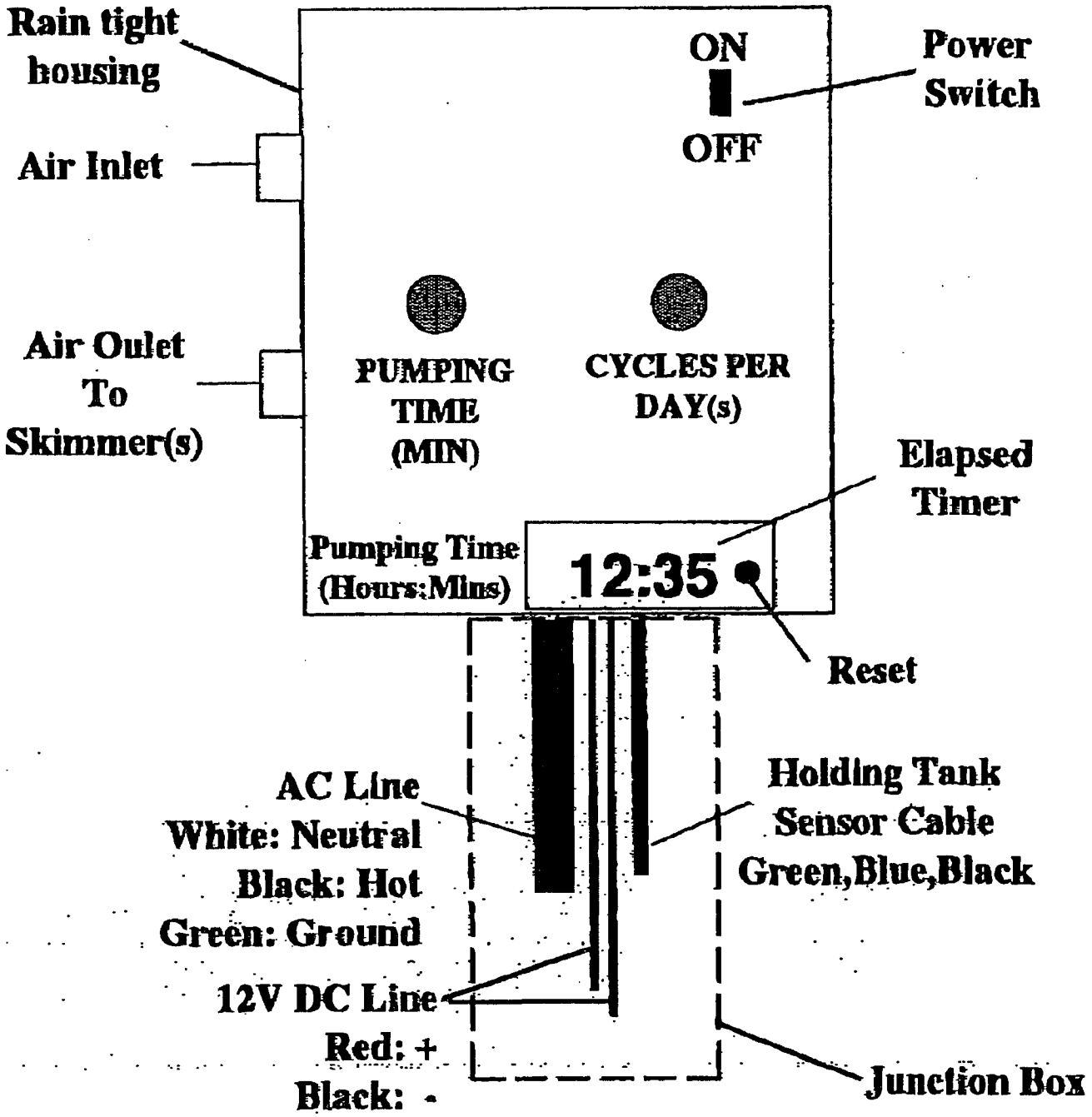


Figure 3

DISPOSAL MANIFEST

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A
Manifest Doc. No.: 12209-01
2. Page 1 of 1

GENERATOR

3. Generator's Name and Mailing Address: HUNTSMAN POLYMER CORPORATION, 2400 S. GRANDVIEW AVE., ODESSA, TX 79760
Former Brickland Refinery, Sunland Park, NM
4. Generator's Phone: (915) 640-8354

5. Transporter 1 Company Name: TERRACON
6. US EPA ID Number: N/A
A. Transporter's Phone: (505) 527-1700

7. Transporter 2 Company Name:
8. US EPA ID Number:
B. Transporter's Phone:

9. Designated Facility Name and Site Address: RHINO ENVIRONMENTAL 1.7. N OF NEWMAN OTERO, COUNTY NM
10. US EPA ID Number: NMD981051 N/A
C. Facility's Phone: (915) 842-9911

11. Waste Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
~~a. HW~~				
a. HYDROCARBON CONTAMINATED WATER	1	TANK	155 gal	
b.				
c.				
d. ~~C~~				

D. Additional Descriptions for Materials Listed Above: OIL - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above:

15. Special Handling Instructions and Additional Information
1. NOT FOR DRINKING OR ANY FORM OF USE
2. PREVENT CONTACT WITH POTABLE WATER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
FREDERICK V. SMALL	F V Small	12	9	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
FREDERICK V. SMALL	F V Small	12	9	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space
ADDRESS LINE #5: 1630 HICKORY LOOP, SUITE H
LAS CRUCES, NM 88005

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
JENNY RIVERO	Jenny Rivero	12	9	02

Printed by J. J. KELLER & ASSOCIATES, INC.
Neenah, WI 54957-0368

TRANSPORTER #1

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. NA | Manifest Doc. No. | 2. Page 1 of

GENERATOR

3. Generator's Name and Mailing Address
HUNTSMAN POLYMERS CORPORATION
2400 S. GRANDVIEW AVE, ODESSA, TX 79760

FORMER BRICKLAND REFINERY
SUNLAND PARK, NM

4. Generator's Phone (915) 640-8354

5. Transporter 1 Company Name: TERRACON | 6. US EPA ID Number: NA | A. Transporter's Phone: (505) 327-1700

7. Transporter 2 Company Name | 8. US EPA ID Number | B. Transporter's Phone

9. Designated Facility Name and Site Address
RHINO ENVIRONMENTAL
17 MILES NTH OF NEWMAN
OTERO COUNTY, NM DP 1051 | 10. US EPA ID Number: NA | C. Facility's Phone

11. Waste Shipping Name and Description	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. HYDROCARBON CONTAMINATED WATER	1	TANK	330	GAL
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
OIL - NON HAZARDOUS

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
(a) NOT FOR DRINKING OR ANY FORM OF USE.
(b) PREVENT CONTACT WITH POTABLE WATER

16. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name	Signature	Month	Day	Year
Victoria Trujillo	Victoria Trujillo	07	01	02

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
FRED V. SMALL	Fred V. Small	07	01	02

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
GERARDO RIVERA	Gerardo Rivera	07	01	02

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Neenah, WI 54957-0368

12-BLS-C5 Rev. 12/98

TRANSPORTER #1