GW - 113

MONITORING REPORTS

DATE:
1996

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

April 22, 1996

CERTIFIED MAIL
RETURN RECEIPT NO: P-269-269-135

Mr. Bill Kendrick
ENRON Operations Corp.
P.O. Box 1188
Houston, Texas 77251-1188

RE: EUNICE COMPRESSOR STATION

Dear Mr. Kendrick:

The New Mexico Oil Conservation Division (OCD) has recently reviewed Texaco Exploration and Production, Inc. (TEPI) January 30, 1996 "TEXACO EUNICE SOUTH GAS PLANT, LEA COUNTY, NEW MEXICO" and January 1996 "ENVIRONMENTAL SITE INVESTIGATION EUNICE SOUTH GAS PLANT. These documents contain the results of TEPI's investigation of the extent of ground water contamination related to TEPI's Eunice South Gas Plant. Upon review of these documents and those on file for the ENRON Eunice Station, the OCD has some concerns about the elevation of the water table as surveyed and the need of sampling all monitor wells from both facilities during the same sampling event. In order to resolve these concerns the OCD requires that ENRON perform the following actions:

1. To resolve the confusion regarding the water table elevations, TEPI and ENRON will arrange to have an independent third party resurvey the elevations of all monitor wells on both facilities.

2. TEPI and ENRON will conduct a joint sampling event during which all ground water monitoring wells on both TEPI's and ENRON's facilities will be sampled. TEPI will sample all ground water monitoring wells on the gas plant property and ENRON will sample all ground water monitoring wells on the Northern Natural Gas's adjacent gas compressor property.

   Ground water from the monitoring wells will be sampled and analyzed for aromatic and halogenated volatile organics, polynuclear aromatic hydrocarbons (including monomethylnapthalenes), heavy metals, total dissolved solids (TDS) and major cations and anions using appropriate EPA methods.

3. A sampling report will be submitted to the OCD by July 1, 1996. The report will contain:

   a. A description of all activities which occurred including conclusions and recommendations.

   b. A summary of the laboratory analytic results of water quality sampling of the monitor wells on both facilities.

   c. A water table elevation map using the water table elevation of the ground water in all monitor wells.

   d. Ground water isoconcentration maps for contaminants of concern (ie. TDS, benzene, chloride, PAH's, metals, etc.).

4. ENRON will notify the OCD at least one week in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.

5. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office
Rodney G. Bailey, Texaco Exploration and Production, Inc.

P 269 269 135

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail *(See reverse)*

Sent to
Street & Number
Post Office, State, & ZIP Code
Postage $
Certified Fee
Special Delivery Fee
Restricted Delivery Fee
Return Receipt Showing to Whom & Date Delivered
Return Receipt Showing to Whom, Date, & Addressee's Address
TOTAL Postage & Fees $
Postmark or Date

PS Form **3800**, April 1995

Fold at line over top of envelope to the right of the return address

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

March 13, 1996

CERTIFIED MAIL
RETURN RECEIPT NO: Z-765-962-552

Mr. Larry Campbell
Transwestern Pipeline Company
6381 North Main
Roswell, New Mexico 88201

RE: GROUND WATER MONITORING REPORTS
EUNICE STATION
THOREAU STATION
WT-1 STATION
ATOKA-1 STATION
BELL LAKE PLANT

Dear Mr. Campbell:

The New Mexico Oil Conservation Division (OCD) has completed a review of Transwestern Pipeline Company's (TPC) January 11, 1996 "REPORTING REQUIREMENTS FOR GROUND WATER REMEDIATION PROJECTS, TRANSWESTERN PIPELINE COMPANY". This document contains TPC's request to change the reporting frequency and ground water monitoring report submission dates for the Eunice Station, Thoreau Station, WT-1 Station, Atoka 1 Station and Bell Lake Plant.

The above referenced request is approved.

Please be advised that OCD approval does not relieve TPC of liability should contamination exist which is outside the scope of work plan, or if the proposed work plan fails to the adequately remediate or monitor contamination at the sites. In addition, OCD approval does not relieve TPC of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Artesia District Office
George Robinson, Cypress Engineering Services, Inc.

Z 765 962 552

Receipt for Certified Mail

No Insurance Coverage Provided
Do not use for International Mail
(See Reverse)

Sent to	
Street and No.	
P.O., State and ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, and Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, March 1993

Fold at line over top of envelope to the right of the return address

ENRON
Transwestern Pipeline Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

January 25, 1996

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

RE: Semi-annual Report of Groundwater Monitoring Activities
Northern Natural Gas Company Eunice Compressor Station
Lea County, New Mexico

Dear Bill,

This letter report is submitted pursuant to the NMOCD's requirements for quarterly groundwater monitoring and semi-annual reporting of groundwater monitoring activities at the subject facility.

3rd & 4th Quarter 1995 Sampling Events

Transwestern Pipeline Company, as operator of the subject facility, has completed two quarterly sampling events during the latter half of 1995. The 3rd quarter sampling event was completed on August 16, 1995. Groundwater samples were collected from six of the seven on-site monitor wells. Monitor well MW-3 was not sampled due to the presence of 0.97 feet of phase separated hydrocarbon above groundwater measured in the monitor well casing. Groundwater samples from each monitor well were delivered to a lab for analysis by EPA Method 8010/8020 for volatile organic compounds. Mr. Wayne Price, NMOCD Hobbs District Office, was present at the site to witness sampling activities.

The 4th quarter sampling event was completed on November 20, 1995. Groundwater samples were collected from six of the seven on-site monitor wells. Monitor well MW-3 was not sampled due to the presence of 0.86 feet of phase separated hydrocarbon above groundwater measured in the monitor well casing. Groundwater samples from each monitor well were delivered to a lab for analysis by EPA Method 8240 for volatile organic compounds, EPA Method 8270 for polyaromatic hydrocarbon compounds, and by other appropriate EPA Methods for selected cations/anions.

Sampling Results

A summary of groundwater sample analysis results are presented in Table 1 which includes a summary for organic compound analyses and Table 2 which includes a summary for inorganic analyses. The results were consistent with previous sample events which indicate high benzene concentrations near the southern boundary of the facility. Only the results for monitor well MW-5 indicate a trend of any sort with the benzene concentration increasing with each of the last three sample events.

Table 3 includes a summary of ground water elevation measurements obtained during each sampling event. In addition, a water table elevation map based on measurements obtained during the 4th quarter event is included as Figure 1. Based on the information presented in Figure 1, the apparent direction of groundwater flow is toward the northwest. This is inconsistent with the regional groundwater flow direction which is toward the southeast. Although this could represent a localized variation in ground water flow direction, note that the gradient (approximately 0.0001 ft/ft) is so slight in the area encompassed by

the on-site monitor wells that there can be little certainty in the determination of groundwater flow direction based solely upon the information obtained from the on-site monitor wells.

Special Considerations

The use of EPA Methods 8240 and 8270 for the 4th quarter 1995 sampling event resulted in higher detection limits than those obtained for previous sampling events utilizing different analytical methods. In addition, some compounds reported by the lab for previous sampling events were not reported for the 3rd and 4th quarter sampling events. Therefore, for all subsequent sampling events, Transwestern will specify EPA Method 8010/8020 for VOC analyses (including the three dichlorobenzene isomers & 1,2-cis-dichloroethene which were inadvertently not reported for the prior sampling event) and EPA Method 8100 for PAH analyses (including 1-methylnaphthalene & 2-methylnaphthalene which were also inadvertently not reported for the prior sampling event).

If you have any questions or comments regarding this report, please contact me at (505) 625-8022 or George Robinson at (713) 646-7327.

Sincerely,

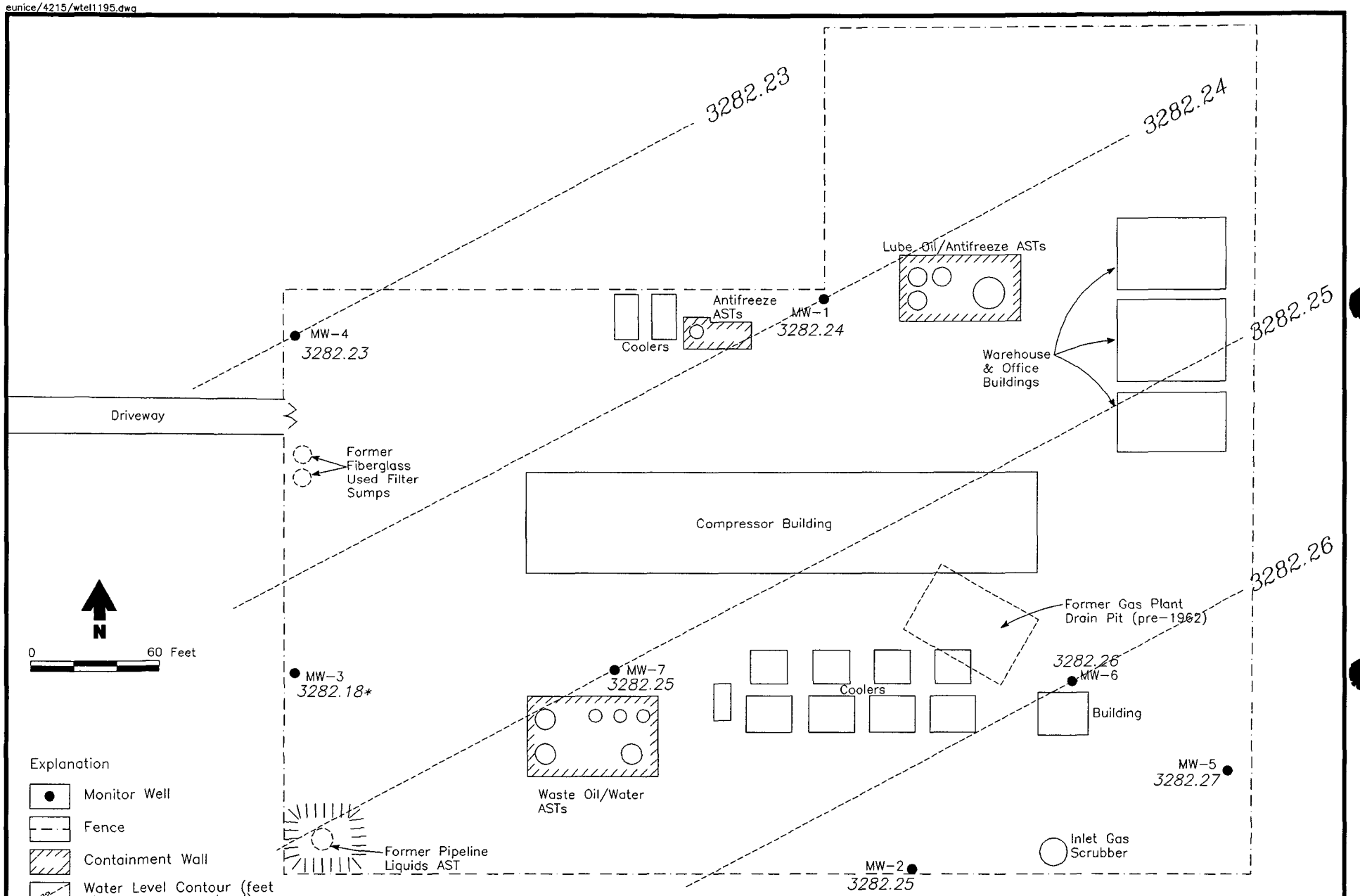
Larry Campbell

Larry Campbell
Division Environmental Specialist

gcr/LC

cc w/attachments:
Wayne Price — NMOCD Hobbs District Office P.O. Box 1980, Hobbs N.M., 88240
George Robinson — Cypress Engineering Services 3AC 3142

eunice/4215/wtel1195.dwg



NNG EUNICE COMPRESSOR STATION

Water Table Elevations, November 1995

CYPRESS ENGINEERING SERVICES, INC.

01-96

Figure 1

Table 1. Summary of Ground Water Analyses - Organics
NNG Eunice Compressor Station

Well	Sampling Date	BTEX (ug/L)				Halogenated VOCs (ug/L)								PAH (ug/L)					
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	1,1,2-Trichloroethane	Chloroform	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Fluorene	Pyrene
NMWQCC Standard		10	750	750	620	none	none	25	10	none	none	10	100	(c)	(c)	(c)	none	none	none
MW-1	10/91	3.2	1.8	1.1	(b)	2.3	2.9	< 1.0	< 1.0	(b)	1.9	1.3	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	4/93	< 5	< 5	< 5	(b)	< 10	< 10	< 5	< 5	(b)	< 5	< 5	< 5	< 10	(b)	(b)	< 10	< 10	< 10
	10/94	1.6	0.6	1.1	0.9	0.8	0.9	< 0.2	< 0.2	0.3	0.3	< 0.2	< 0.2	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	< 5
MW-2	10/91	**5200**	< 50	**1200**	(b)	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	4/93	**3800**	< 5	**1000**	(b)	< 10	< 10	< 5	< 5	(b)	< 5	< 5	< 5	14	(b)	(b)	< 10	< 10	< 10
	10/94	**6300**	< 20	**1300**	< 20	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	6.3	1.7	2.3	< 0.5	0.9	< 0.5
	8/95	**6100**	< 20	**1190**	20	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**6100**	< 5	150	18	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	6.7	(b)	(b)	<5	<5	<5
MW-3	4/93	**2000**	**1700**	**640**	(b)	< 40	< 40	< 5	< 5	(b)	< 5	< 5	< 5	**40**	(b)	(b)	< 40	< 40	< 40
	10/94	**3000**	**1000**	**1200**	**2600**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	**95**	**200**	**88**	17	15	130
	8/95	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
	11/95	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
MW-4	10/94	< 0.5	< 0.5	< 0.5	< 0.5	< 0.2	0.5	0.4	0.4	< 0.2	0.7	0.4	< 0.2	< 0.5	< 0.5	0.5	1.1	< 0.5	< 0.5
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	37.2	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	< 5
MW-5	10/94	**70**	< 0.5	44	0.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5
	8/95	**140**	< 2	38	12	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**450**	< 5	46	15	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	< 5
MW-6	10/94	0.7	< 0.5	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 50	(b)	(b)	< 50	< 50	< 50
MW-7	10/94	8.1	< 0.5	42	99	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.7	0.9	1.9	0.6	< 0.5	< 0.5
	8/95	3	< 2	70	10	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	< 5	< 5	65	10	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	< 5

NOTES:

(a) No sample collected due to presence of phase separated hydrocarbon

(b) Result not available because this compound was not reported by the laboratory

(c) NMWQCC standard is 30 ug/L for total naphthalene, which includes naphthalene, 1-methylnaphthalene, & 2-methylnaphthalene

(d) An analysis for this constituent was not run on samples collected during this sample event

Table 2. Summary of Ground Water Analyses - Inorganics
NNG Eunice Compressor Station

Well	Sampling Date	Major Ions (mg/L)								Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.2	0.002	0.05	0.05	10
MW-1	10/91	(d)	(d)	(d)	(d)	190	9.9	4.24	320	(d)	**1.48**	(d)	< 0.02	(d)	**70**	< 0.10	**0.63**	(d)	(d)	(d)	0.01
	4/93	**1700**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.078	**1.3**	< 0.005	0.03	(d)	(d)	< 0.05	(d)	< 0.0002	< 0.003	< 0.01	(d)
	10/94	**1700**	**750**	< 5	< 0.06	133	119	3.1	346	0.039	**1.52**	< 0.0005	< 0.01	< 0.01	**2.26**	< 0.002	0.058	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**1440**	**470**	**120**	7.5	240	92.3	4.17	244	0.09	0.68	< 0.01	0.03	0.02	**15**	< 0.03	0.11	< 0.0002	< 0.04	< 0.01	0.08
MW-2	10/91	(d)	(d)	(d)	(d)	230	10.0	11.2	2500	(d)	**2.45**	(d)	< 0.02	(d)	**3.91**	**0.23**	**0.23**	(d)	(d)	(d)	0.02
	4/93	**6200**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.04	**1.6**	< 0.005	0.03	(d)	(d)	< 0.05	(d)	< 0.0002	< 0.003	< 0.01	(d)
	10/94	**5900**	**3000**	20	< 0.06	96.2	98.2	5.8	2120	0.029	**1.33**	0.0011	< 0.01	< 0.01	0.345	< 0.002	**0.262**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**5350**	**3100**	10.5	**18.8**	97.2	84.2	6.05	1414	< 0.03	**1.32**	< 0.01	< 0.01	< 0.01	**11.6**	< 0.03	**0.26**	< 0.0002	< 0.04	< 0.01	< 0.03
MW-3	4/93	**2200**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.027	**2.2**	< 0.005	0.01	(d)	(d)	< 0.05	(d)	< 0.0002	< 0.003	< 0.01	(d)
	10/94	**2800**	**620**	20	< 0.06	77.2	42.1	4.8	100	0.027	**5.01**	< 0.0005	< 0.01	< 0.01	**16.9**	0.003	**1.48**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
MW-4	10/94	**2000**	**940**	< 5	< 0.06	89.9	68.8	6.5	626	0.015	0.445	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	**0.206**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**1980**	**840**	< 5	7.2	142	62.3	6.15	489	< 0.03	0.77	< 0.01	< 0.01	0.04	**1.56**	< 0.03	0.18	< 0.0002	< 0.04	< 0.01	0.05
MW-5	10/94	**4700**	**2400**	9	0.08	16.1	29.7	20.1	1840	0.027	0.934	< 0.0005	< 0.01	< 0.01	0.047	< 0.002	0.02	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**3430**	**1650**	88.1	**13.4**	45.9	29.4	11	1055	0.03	0.86	< 0.01	< 0.01	< 0.01	**2.32**	< 0.03	0.12	< 0.0002	< 0.04	< 0.01	< 0.03
MW-6	10/94	**4000**	**2100**	< 5	< 0.06	54.6	59.8	12.2	1560	0.017	0.997	0.0012	< 0.01	< 0.01	< 0.02	< 0.002	0.065	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**1500**	**415**	< 5	7.7	58.1	45.1	6.41	353	< 0.03	0.51	< 0.01	< 0.01	< 0.01	**1.59**	< 0.03	0.14	< 0.0002	< 0.04	< 0.01	< 0.03
MW-7	10/94	**4000**	**2100**	< 5	< 0.06	129	162	8.5	1130	0.012	**9.72**	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	0.1	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)
	11/95	**2200**	**1300**	11	**21.1**	102	71.1	5.29	525	< 0.03	**1.96**	< 0.01	< 0.01	0.01	**4.33**	< 0.03	**0.22**	< 0.0002	< 0.04	< 0.01	< 0.03

NOTES:

(a) No sample collected due to presence of phase separated hydrocarbon

(b) Result not available because this compound was not reported by the laboratory

(c) NMWQCC standard is 30 ug/L for total naphthalene, which includes naphthalene, 1-methylnaphthalene, & 2-methylnaphthalene

(d) An analysis for this constituent was not run on samples collected during this sample event

Table 3. Summary of Ground Water Surface Elevations
NNG Eunice Compressor Station

Well	Elevation (feet above msl)	Sampling Date 10/94			Sampling Date 8/95			Sampling Date 11/95		
		Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)
MW-1	3337.94	(a)	55.64	3282.30	(a)	55.86	3282.08	(a)	55.70	3282.24
MW-2	3336.75	(a)	54.45	3282.30	(a)	54.68	3282.07	(a)	54.50	3282.25
MW-3	3337.72	55.36	55.92	3282.25	55.46	56.43	3282.07	55.37	56.23	3282.18
MW-4	3335.93	(a)	53.60	3282.33	(a)	53.80	3282.13	(a)	53.70	3282.23
MW-5	3334.17	(a)	51.80	3282.37	(a)	52.09	3282.08	(a)	51.90	3282.27
MW-6	3334.20	(a)	51.86	3282.34	(a)	52.12	3282.08	(a)	51.94	3282.26
MW-7	3334.73	(a)	52.45	3282.28	(a)	52.63	3282.10	(a)	52.48	3282.25

NOTES:

(a) Not applicable since no measurable thickness of hydrocarbon is present

(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.8

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995

NET Job Number: 95.05645

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
271628	MW-5	08/16/1995	08/18/1995
271629	MW-2	08/16/1995	08/18/1995
271630	MW-4	08/16/1995	08/18/1995
271631	MW-6	08/16/1995	08/18/1995
271632	MW-7	08/16/1995	08/18/1995
271633	MW-1	08/16/1995	08/18/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Coordinator

OCEAN GROUP

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271628 MW-5
Taken: 08/16/1995 14:30

VOLATILES - 8010 AQUEOUS		
Bromobenzene	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Bromoform	<2.0	ug/L
Bromomethane	<4.0	ug/L
Carbon Tetrachloride	<1.0	ug/L
Chlorobenzene	<1.0	ug/L
Chloroethane	<4.0	ug/L
Chloroform	<1.0	ug/L
Chloromethane	<4.0	ug/L
Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
1,2-Dichloropropane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
Methylene Chloride	<5.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
1,1,2,2-Tetrachloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<1.0	ug/L
Trichlorofluoromethane	<4.0	ug/L
Trichloropropane	<1.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271628 MW-5
Taken: 08/16/1995 14:30

Vinyl chloride	<3.0	ug/L
EPA 8020-AQ (Preserved)		
Benzene	140	ug/L
Ethylbenzene	38	ug/L
Toluene	<2	ug/L
Xylenes, Total	12	ug/L
MTBE	<2	ug/L
SURR: a,a,a-TFT	113	% Rec

271629 MW-2
Taken: 08/16/1995 14:20

VOLATILES - 8010 AQUEOUS		
Bromobenzene	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Bromoform	<2.0	ug/L
Bromomethane	<4.0	ug/L
Carbon Tetrachloride	<1.0	ug/L
Chlorobenzene	<1.0	ug/L
Chloroethane	<4.0	ug/L
Chloroform	<1.0	ug/L
Chloromethane	<4.0	ug/L
Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271629 MW-2
Taken: 08/16/1995 14:20

1,2-Dichloropropane	<1.0		ug/L
cis-1,3-Dichloropropene	<1.0		ug/L
trans-1,3-Dichloropropene	<1.0		ug/L
Methylene Chloride	<5.0		ug/L
1,1,1,2-Tetrachloroethane	<1.0		ug/L
1,1,2,2-Tetrachloroethane	<1.0		ug/L
Tetrachloroethene	<1.0		ug/L
1,1,1-Trichloroethane	<1.0		ug/L
1,1,2-Trichloroethane	<1.0		ug/L
Trichloroethene	<1.0		ug/L
Trichlorofluoromethane	<4.0		ug/L
Trichloropropane	<1.0		ug/L
Vinyl chloride	<3.0		ug/L
EPA 8020-AQ (Preserved)			
Benzene	6100		ug/L
Ethylbenzene	1190		ug/L
Toluene	<20	EDL	ug/L
Xylenes, Total	20		ug/L
MTBE	<20	EDL	ug/L
SURR: a,a,a-TFT	123		% Rec

271630 MW-4
Taken: 08/16/1995 12:40

VOLATILES - 8010 AQUEOUS			
Bromobenzene	<1.0		ug/L
Bromodichloromethane	<1.0		ug/L
Bromoform	<2.0		ug/L
Bromomethane	<4.0		ug/L
Carbon Tetrachloride	<1.0		ug/L
Chlorobenzene	<1.0		ug/L
Chloroethane	<4.0		ug/L
Chloroform	37.2		ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271630 MW-4
Taken: 08/16/1995 12:40

Chloromethane	<4.0	ug/L
Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
1,2-Dichloropropane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
Methylene Chloride	<5.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
1,1,2,2-Tetrachloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<1.0	ug/L
Trichlorofluoromethane	<4.0	ug/L
Trichloropropane	<1.0	ug/L
Vinyl chloride	<3.0	ug/L
EPA 8020-AQ (Preserved)		
Benzene	<2	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
MTBE	<2	ug/L
SURR: a,a,a-TFT	95	% Rec

271631 MW-6
Taken: 08/16/1995 13:30

VOLATILES - 8010 AQUEOUS

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271631 MW-6
Taken: 08/16/1995 13:30

Bromobenzene	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Bromoform	<2.0	ug/L
Bromomethane	<4.0	ug/L
Carbon Tetrachloride	<1.0	ug/L
Chlorobenzene	<1.0	ug/L
Chloroethane	<4.0	ug/L
Chloroform	<1.0	ug/L
Chloromethane	<4.0	ug/L
Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
1,2-Dichloropropane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
Methylene Chloride	<5.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
1,1,2,2-Tetrachloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<1.0	ug/L
Trichlorofluoromethane	<4.0	ug/L
Trichloropropane	<1.0	ug/L
Vinyl chloride	<3.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271631 MW-6
Taken: 08/16/1995 13:30

EPA 8020-AQ (Preserved)		
Benzene	<2	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
MTBE	<2	ug/L
SURR: a,a,a-TFT	129	% Rec

271632 MW-7
Taken: 08/16/1995 13:40

VOLATILES - 8010 AQUEOUS		
Bromobenzene	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Bromoform	<2.0	ug/L
Bromomethane	<4.0	ug/L
Carbon Tetrachloride	<1.0	ug/L
Chlorobenzene	<1.0	ug/L
Chloroethane	<4.0	ug/L
Chloroform	<1.0	ug/L
Chloromethane	<4.0	ug/L
Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271632 MW-7
Taken: 08/16/1995 13:40

1,2-Dichloropropane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
Methylene Chloride	<5.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
1,1,2,2-Tetrachloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<1.0	ug/L
Trichlorofluoromethane	<4.0	ug/L
Trichloropropane	<1.0	ug/L
Vinyl chloride	<3.0	ug/L
EPA 8020-AQ (Preserved)		
Benzene	3	ug/L
Ethylbenzene	70	ug/L
Toluene	<2	ug/L
Xylenes, Total	10	ug/L
MTBE	<2	ug/L
SURR: a,a,a-TFT	106	% Rec

271633 MW-1
Taken: 08/16/1995 12:10

VOLATILES - 8010 AQUEOUS		
Bromobenzene	<1.0	ug/L
Bromodichloromethane	<1.0	ug/L
Bromoform	<2.0	ug/L
Bromomethane	<4.0	ug/L
Carbon Tetrachloride	<1.0	ug/L
Chlorobenzene	<1.0	ug/L
Chloroethane	<4.0	ug/L
Chloroform	<1.0	ug/L
Chloromethane	<4.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

09/01/1995
Job No.: 95.05645

Project Name: 3RD QTR GROUNDWATER SAMPLING EVENT

Date Received: 08/18/1995

271633 MW-1
Taken: 08/16/1995 12:10

Dibromochloromethane	<1.0	ug/L
Dibromomethane	<1.0	ug/L
1,2-Dichlorobenzene	<1.0	ug/L
1,3-Dichlorobenzene	<1.0	ug/L
1,4-Dichlorobenzene	<1.0	ug/L
Dichlorodifluoromethane	<3.0	ug/L
1,1-Dichloroethane	<1.0	ug/L
1,2-Dichloroethane	<1.0	ug/L
1,1-Dichloroethene	<2.0	ug/L
trans-1,2-Dichloroethene	<1.0	ug/L
1,2-Dichloropropane	<1.0	ug/L
cis-1,3-Dichloropropene	<1.0	ug/L
trans-1,3-Dichloropropene	<1.0	ug/L
Methylene Chloride	<5.0	ug/L
1,1,1,2-Tetrachloroethane	<1.0	ug/L
1,1,2,2-Tetrachloroethane	<1.0	ug/L
Tetrachloroethene	<1.0	ug/L
1,1,1-Trichloroethane	<1.0	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<1.0	ug/L
Trichlorofluoromethane	<4.0	ug/L
Trichloropropane	<1.0	ug/L
Vinyl chloride	<3.0	ug/L
EPA 8020-AQ (Preserved)		
Benzene	<2	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
MTBE	<2	ug/L
SURR: a,a,a-TFT	77	% Rec

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY: NNG EUNICE PLANT
ADDRESS: ~~[illegible]~~ 5mi. South of Eunice on loop 207
PHONE: (713) 646-7327 FAX:
PROJECT NAME/LOCATION: 3RD QTR GROUNDWATER Sampling Event
PROJECT NUMBER:
PROJECT MANAGER:

REPORT TO: GEORGE ROBINSON, Room 3AC-3142, P.O. BOX 1188, HOUSTON, TX 77251
INVOICE TO: SAME AS ABOVE
P.O. NO.
NET QUOTE NO.

SAMPLED BY: SANDY SHARP (PRINT NAME) — SIGNATURE: Sandy Sharp
GEORGE ROBINSON (PRINT NAME) — SIGNATURE: [signature]

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP.	HCl	NaOH	HNO_3	H_2SO_4	OTHER	8010	8020
8/16/95	1430	MW-5	A	X		2					✓	✓
8/16/95	1420	MW-2	|	X		2					✓	✓
8/16/95	1240	MW-4	|	X		2					✓	✓
8/16/95	1330	MW-6	|	X		2					✓	✓
8/16/95	1340	MW-7	|	X		2					✓	✓
8/16/95	1210	MW-1	|	X		3					✓	✓

(# and Type of Containers: HCl, NaOH, HNO_3, H_2SO_4, OTHER; ANALYSES: 8010, 8020)

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes ___ No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No ___
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None ___

COMMENTS: MW 8/25

CONDITION OF SAMPLE: BOTTLES INTACT? (YES) / NO
FIELD FILTERED? YES / NO NN
COC SEALS PRESENT AND INTACT? (YES) / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 4°C
Bottles supplied by NET? (YES) / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ______
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS ______ DATE ______

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
Sandy Sharp	8/17/95	1600			8/18/95	10:00	RS DeWitt

METHOD OF SHIPMENT:
REMARKS: AM

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996

NET Job Number: 95.08804

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285299	MW-1	11/20/1995	11/22/1995
285300	MW-4	11/20/1995	11/22/1995
285301	MW-7	11/20/1995	11/22/1995
285302	MW-6	11/20/1995	11/22/1995
285303	MW-5	11/20/1995	11/22/1995
285304	MW-2	11/20/1995	11/22/1995
285364	TRIP BLANK		11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

OCEAN GROUP

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285299 MW-1
Taken: 11/20/1995 10:00

Chloride	470	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285299 MW-1
Taken: 11/20/1995 10:00

SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	86	% Rec

285300 MW-4
Taken: 11/20/1995 11:20

Chloride	840	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285300 MW-4
Taken: 11/20/1995 11:20

Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	102	% Rec
SURR: Toluene-d8	102	% Rec
SURR: 4-Bromofluorobenzene	103	% Rec

285301 MW-7
Taken: 11/20/1995 12:20

Chloride	1300	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	65	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285301 MW-7
Taken: 11/20/1995 12:20

1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	10	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	81	% Rec
SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	97	% Rec

285302 MW-6
Taken: 11/20/1995 13:10

Chloride	415	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285302 MW-6
Taken: 11/20/1995 13:10

trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec
SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	89	% Rec

285303 MW-5
Taken: 11/20/1995 14:30

Chloride	1650	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	450	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285303 MW-5
Taken: 11/20/1995 14:30

1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	46	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	15	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec
SURR: Toluene-d8	89	% Rec
SURR: 4-Bromofluorobenzene	87	% Rec

285304 MW-2
Taken: 11/20/1995 15:00

Chloride	3100	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	6,100	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285304 MW-2
Taken: 11/20/1995 15:00

Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	150	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	18	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	76	% Rec
SURR: Toluene-d8	90	% Rec
SURR: 4-Bromofluorobenzene	91	% Rec

285364 TRIP BLANK
Taken:

VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285364 TRIP BLANK
Taken:

Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	97	% Rec
SURR: Toluene-d8	98	% Rec
SURR: 4-Bromofluorobenzene	102	% Rec

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08804

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
VOA 8240			S-8240A				
Acetone	clu	11/28/1995	S-8240A	56	50	112	NA
Benzene	clu	11/28/1995	S-8240A	58	50	116	NA
Bromodichloromethane	clu	11/28/1995	S-8240A	53	50	106	NA
Bromoform	clu	11/28/1995	S-8240A	46	50	92	NA
Bromomethane	clu	11/28/1995	S-8240A	47	50	94	NA
2-Butanone (MEK)	clu	11/28/1995	S-8240A	52	50	104	NA
Carbon disulfide	clu	11/28/1995	S-8240A	47	50	94	NA
Carbon tetrachloride	clu	11/28/1995	S-8240A	55	50	110	NA
Chlorobenzene	clu	11/28/1995	S-8240A	54	50	108	NA
Chloroethane	clu	11/28/1995	S-8240A	47	50	94	NA
2-Chloroethylvinyl ether	clu	11/28/1995	S-8240A	56	50	112	NA
Chloroform	clu	11/28/1995	S-8240A	50	50	100	NA
Chloromethane	clu	11/28/1995	S-8240A	54	50	108	NA
Dibromochloromethane	clu	11/28/1995	S-8240A	49	50	98	NA
1,1-Dichloroethane	clu	11/28/1995	S-8240A	53	50	106	NA
1,2-Dichloroethane	clu	11/28/1995	S-8240A	51	50	102	NA
1,1-Dichloroethene	clu	11/28/1995	S-8240A	54	50	108	NA
trans-1,2-Dichloroethene	clu	11/28/1995	S-8240A	54	50	108	NA
1,2-Dichloropropane	clu	11/28/1995	S-8240A	57	50	114	NA
cis-1,3-Dichloropropene	clu	11/28/1995	S-8240A	49	50	98	NA
trans-1,3-Dichloropropene	clu	11/28/1995	S-8240A	50	50	100	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08804

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Ethyl benzene	clu	11/28/1995	S-8240A	54	50	108	NA
2-Hexanone	clu	11/28/1995	S-8240A	56	50	112	NA
4-Methyl-2-pentanone (MIBK)	clu	11/28/1995	S-8240A	56	50	112	NA
Methylene chloride	clu	11/28/1995	S-8240A	50	50	100	NA
Styrene	clu	11/28/1995	S-8240A	49	50	98	NA
1,1,2,2-Tetrachloroethane	clu	11/28/1995	S-8240A	48	50	96	NA
Tetrachloroethene	clu	11/28/1995	S-8240A	49	50	98	NA
Toluene	clu	11/28/1995	S-8240A	54	50	108	NA
1,1,1-Trichloroethane	clu	11/28/1995	S-8240A	58	50	116	NA
1,1,2-Trichloroethane	clu	11/28/1995	S-8240A	46	50	92	NA
Trichloroethene	clu	11/28/1995	S-8240A	48	50	96	NA
Vinyl acetate	clu	11/28/1995	S-8240A	43	50	86	NA
Vinyl chloride	clu	11/28/1995	S-8240A	48	50	96	NA
Xylenes, Total	clu	11/28/1995	S-8240A	161	150	107	NA
VOA 8240			S-8240A				
Acetone	dwr	11/29/1995	S-8240A	50	50	100	NA
Benzene	dwr	11/29/1995	S-8240A	53	50	106	NA
Bromodichloromethane	dwr	11/29/1995	S-8240A	56	50	112	NA
Bromoform	dwr	11/29/1995	S-8240A	55	50	110	NA
Bromomethane	dwr	11/29/1995	S-8240A	45	50	90	NA
2-Butanone (MEK)	dwr	11/29/1995	S-8240A	44	50	88	NA
Carbon disulfide	dwr	11/29/1995	S-8240A	53	50	106	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08804

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Carbon tetrachloride	dwr	11/29/1995	S-8240A	56	50	112	NA
Chlorobenzene	dwr	11/29/1995	S-8240A	54	50	108	NA
Chloroethane	dwr	11/29/1995	S-8240A	55	50	110	NA
2-Chloroethylvinyl ether	dwr	11/29/1995	S-8240A	53	50	106	NA
Chloroform	dwr	11/29/1995	S-8240A	54	50	108	NA
Chloromethane	dwr	11/29/1995	S-8240A	50	50	100	NA
Dibromochloromethane	dwr	11/29/1995	S-8240A	55	50	110	NA
1,1-Dichloroethane	dwr	11/29/1995	S-8240A	57	50	114	NA
1,2-Dichloroethane	dwr	11/29/1995	S-8240A	45	50	90	NA
1,1-Dichloroethene	dwr	11/29/1995	S-8240A	50	50	100	NA
trans-1,2-Dichloroethene	dwr	11/29/1995	S-8240A	54	50	108	NA
1,2-Dichloropropane	dwr	11/29/1995	S-8240A	53	50	106	NA
cis-1,3-Dichloropropene	dwr	11/29/1995	S-8240A	51	50	102	NA
trans-1,3-Dichloropropene	dwr	11/29/1995	S-8240A	39	50	78	NA
Ethyl benzene	dwr	11/29/1995	S-8240A	48	50	96	NA
2-Hexanone	dwr	11/29/1995	S-8240A	51	50	102	NA
4-Methyl-2-pentanone (MIBK)	dwr	11/29/1995	S-8240A	55	50	110	NA
Methylene chloride	dwr	11/29/1995	S-8240A	54	50	108	NA
Styrene	dwr	11/29/1995	S-8240A	51	50	102	NA
1,1,2,2-Tetrachloroethane	dwr	11/29/1995	S-8240A	55	50	110	NA
Tetrachloroethene	dwr	11/29/1995	S-8240A	52	50	104	NA
Toluene	dwr	11/29/1995	S-8240A	54	50	108	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08804

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
1,1,1-Trichloroethane	dwr	11/29/1995	S-8240A	43	50	86	NA
1,1,2-Trichloroethane	dwr	11/29/1995	S-8240A	57	50	114	NA
Trichloroethene	dwr	11/29/1995	S-8240A	49	50	98	NA
Vinyl acetate	dwr	11/29/1995	S-8240A	40	50	80	NA
Vinyl chloride	dwr	11/29/1995	S-8240A	48	50	96	NA
Xylenes, Total	dwr	11/29/1995	S-8240A	146	150	97	NA
VOA 8240			S-8240A				
Acetone	dwr	11/30/1995	S-8240A	56	50	112	NA
Benzene	dwr	11/30/1995	S-8240A	52	50	104	NA
Bromodichloromethane	dwr	11/30/1995	S-8240A	56	50	112	NA
Bromoform	dwr	11/30/1995	S-8240A	56	50	112	NA
Bromomethane	dwr	11/30/1995	S-8240A	56	50	112	NA
2-Butanone (MEK)	dwr	11/30/1995	S-8240A	48	50	96	NA
Carbon disulfide	dwr	11/30/1995	S-8240A	49	50	98	NA
Carbon tetrachloride	dwr	11/30/1995	S-8240A	56	50	112	NA
Chlorobenzene	dwr	11/30/1995	S-8240A	50	50	100	NA
Chloroethane	dwr	11/30/1995	S-8240A	57	50	114	NA
2-Chloroethylvinyl ether	dwr	11/30/1995	S-8240A	52	50	104	NA
Chloroform	dwr	11/30/1995	S-8240A	50	50	100	NA
Chloromethane	dwr	11/30/1995	S-8240A	50	50	100	NA
Dibromochloromethane	dwr	11/30/1995	S-8240A	55	50	110	NA
1,1-Dichloroethane	dwr	11/30/1995	S-8240A	51	50	102	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08804

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
1,2-Dichloroethane	dwr	11/30/1995	S-8240A	41	50	82	NA
1,1-Dichloroethene	dwr	11/30/1995	S-8240A	46	50	92	NA
trans-1,2-Dichloroethene	dwr	11/30/1995	S-8240A	48	50	96	NA
1,2-Dichloropropane	dwr	11/30/1995	S-8240A	52	50	104	NA
cis-1,3-Dichloropropene	dwr	11/30/1995	S-8240A	56	50	112	NA
trans-1,3-Dichloropropene	dwr	11/30/1995	S-8240A	53	50	106	NA
Ethyl benzene	dwr	11/30/1995	S-8240A	51	50	102	NA
2-Hexanone	dwr	11/30/1995	S-8240A	58	50	116	NA
4-Methyl-2-pentanone (MIBK)	dwr	11/30/1995	S-8240A	54	50	108	NA
Methylene chloride	dwr	11/30/1995	S-8240A	54	50	108	NA
Styrene	dwr	11/30/1995	S-8240A	52	50	104	NA
1,1,2,2-Tetrachloroethane	dwr	11/30/1995	S-8240A	53	50	106	NA
Tetrachloroethene	dwr	11/30/1995	S-8240A	52	50	104	NA
Toluene	dwr	11/30/1995	S-8240A	53	50	106	NA
1,1,1-Trichloroethane	dwr	11/30/1995	S-8240A	41	50	82	NA
1,1,2-Trichloroethane	dwr	11/30/1995	S-8240A	54	50	108	NA
Trichloroethene	dwr	11/30/1995	S-8240A	47	50	94	NA
Vinyl acetate	dwr	11/30/1995	S-8240A	48	50	96	NA
Vinyl chloride	dwr	11/30/1995	S-8240A	53	50	106	NA
Xylenes, Total	dwr	11/30/1995	S-8240A	140	150	93	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 95.08804

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Chloride	11/29/1995	<5.0	mg/L	5.0	NA
VOA 8240					
Acetone	11/28/1995	<10	ug/L	10	NA
Benzene	11/28/1995	<5	ug/L	5	NA
Bromodichloromethane	11/28/1995	<5	ug/L	5	NA
Bromoform	11/28/1995	<5	ug/L	5	NA
Bromomethane	11/28/1995	<10	ug/L	10	NA
2-Butanone (MEK)	11/28/1995	<20	ug/L	20	NA
Carbon disulfide	11/28/1995	<5	ug/L	5	NA
Carbon tetrachloride	11/28/1995	<5	ug/L	5	NA
Chlorobenzene	11/28/1995	<5	ug/L	5	NA
Chloroethane	11/28/1995	<10	ug/L	10	NA
2-Chloroethylvinyl ether	11/28/1995	<20	ug/L	20	NA
Chloroform	11/28/1995	<5	ug/L	5	NA
Chloromethane	11/28/1995	<10	ug/L	10	NA
Dibromochloromethane	11/28/1995	<5	ug/L	5	NA
1,1-Dichloroethane	11/28/1995	<5	ug/L	5	NA
1,2-Dichloroethane	11/28/1995	<5	ug/L	5	NA
1,1-Dichloroethene	11/28/1995	<5	ug/L	5	NA
trans-1,2-Dichloroethene	11/28/1995	<5	ug/L	5	NA
1,2-Dichloropropane	11/28/1995	<5	ug/L	5	NA
cis-1,3-Dichloropropene	11/28/1995	<5	ug/L	5	NA
trans-1,3-Dichloropropene	11/28/1995	<5	ug/L	5	NA
Ethyl benzene	11/28/1995	<5	ug/L	5	NA
2-Hexanone	11/28/1995	<20	ug/L	20	NA
4-Methyl-2-pentanone (MIBK)	11/28/1995	<5	ug/L	5	NA
Methylene chloride	11/28/1995	<5	ug/L	5	NA
Styrene	11/28/1995	<5	ug/L	5	NA
1,1,2,2-Tetrachloroethane	11/28/1995	<5	ug/L	5	NA
Tetrachloroethene	11/28/1995	<5	ug/L	5	NA
Toluene	11/28/1995	<5	ug/L	5	NA
1,1,1-Trichloroethane	11/28/1995	<5	ug/L	5	NA
1,1,2-Trichloroethane	11/28/1995	<5	ug/L	5	NA
Trichloroethene	11/28/1995	<5	ug/L	5	NA
Vinyl acetate	11/28/1995	<5	ug/L	5	NA
Vinyl chloride	11/28/1995	<10	ug/L	10	NA
Xylenes, Total	11/28/1995	<5	ug/L	5	NA
VOA 8240					

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 95.08804

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Acetone	11/29/1995	<10	ug/L	10	NA
Benzene	11/29/1995	<5	ug/L	5	NA
Bromodichloromethane	11/29/1995	<5	ug/L	5	NA
Bromoform	11/29/1995	<5	ug/L	5	NA
Bromomethane	11/29/1995	<10	ug/L	10	NA
2-Butanone (MEK)	11/29/1995	<20	ug/L	20	NA
Carbon disulfide	11/29/1995	<5	ug/L	5	NA
Carbon tetrachloride	11/29/1995	<5	ug/L	5	NA
Chlorobenzene	11/29/1995	<5	ug/L	5	NA
Chloroethane	11/29/1995	<10	ug/L	10	NA
2-Chloroethylvinyl ether	11/29/1995	<20	ug/L	20	NA
Chloroform	11/29/1995	<5	ug/L	5	NA
Chloromethane	11/29/1995	<10	ug/L	10	NA
Dibromochloromethane	11/29/1995	<5	ug/L	5	NA
1,1-Dichloroethane	11/29/1995	<5	ug/L	5	NA
1,2-Dichloroethane	11/29/1995	<5	ug/L	5	NA
1,1-Dichloroethene	11/29/1995	<5	ug/L	5	NA
trans-1,2-Dichloroethene	11/29/1995	<5	ug/L	5	NA
1,2-Dichloropropane	11/29/1995	<5	ug/L	5	NA
cis-1,3-Dichloropropene	11/29/1995	<5	ug/L	5	NA
trans-1,3-Dichloropropene	11/29/1995	<5	ug/L	5	NA
Ethyl benzene	11/29/1995	<5	ug/L	5	NA
2-Hexanone	11/29/1995	<20	ug/L	20	NA
4-Methyl-2-pentanone (MIBK)	11/29/1995	<5	ug/L	5	NA
Methylene chloride	11/29/1995	<5	ug/L	5	NA
Styrene	11/29/1995	<5	ug/L	5	NA
1,1,2,2-Tetrachloroethane	11/29/1995	<5	ug/L	5	NA
Tetrachloroethene	11/29/1995	<5	ug/L	5	NA
Toluene	11/29/1995	<5	ug/L	5	NA
1,1,1-Trichloroethane	11/29/1995	<5	ug/L	5	NA
1,1,2-Trichloroethane	11/29/1995	<5	ug/L	5	NA
Trichloroethene	11/29/1995	<5	ug/L	5	NA
Vinyl acetate	11/29/1995	<5	ug/L	5	NA
Vinyl chloride	11/29/1995	<10	ug/L	10	NA
Xylenes, Total	11/29/1995	<5	ug/L	5	NA
VOA 8240					
Acetone	11/30/1995	<10	ug/L	10	NA
Benzene	11/30/1995	<5	ug/L	5	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 95.08804

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Bromodichloromethane	11/30/1995	<5	ug/L	5	NA
Bromoform	11/30/1995	<5	ug/L	5	NA
Bromomethane	11/30/1995	<10	ug/L	10	NA
2-Butanone (MEK)	11/30/1995	<20	ug/L	20	NA
Carbon disulfide	11/30/1995	<5	ug/L	5	NA
Carbon tetrachloride	11/30/1995	<5	ug/L	5	NA
Chlorobenzene	11/30/1995	<5	ug/L	5	NA
Chloroethane	11/30/1995	<10	ug/L	10	NA
2-Chloroethylvinyl ether	11/30/1995	<20	ug/L	20	NA
Chloroform	11/30/1995	<5	ug/L	5	NA
Chloromethane	11/30/1995	<10	ug/L	10	NA
Dibromochloromethane	11/30/1995	<5	ug/L	5	NA
1,1-Dichloroethane	11/30/1995	<5	ug/L	5	NA
1,2-Dichloroethane	11/30/1995	<5	ug/L	5	NA
1,1-Dichloroethene	11/30/1995	<5	ug/L	5	NA
trans-1,2-Dichloroethene	11/30/1995	<5	ug/L	5	NA
1,2-Dichloropropane	11/30/1995	<5	ug/L	5	NA
cis-1,3-Dichloropropene	11/30/1995	<5	ug/L	5	NA
trans-1,3-Dichloropropene	11/30/1995	<5	ug/L	5	NA
Ethyl benzene	11/30/1995	<5	ug/L	5	NA
2-Hexanone	11/30/1995	<20	ug/L	20	NA
4-Methyl-2-pentanone (MIBK)	11/30/1995	<5	ug/L	5	NA
Methylene chloride	11/30/1995	<5	ug/L	5	NA
Styrene	11/30/1995	<5	ug/L	5	NA
1,1,2,2-Tetrachloroethane	11/30/1995	<5	ug/L	5	NA
Tetrachloroethene	11/30/1995	<5	ug/L	5	NA
Toluene	11/30/1995	<5	ug/L	5	NA
1,1,1-Trichloroethane	11/30/1995	<5	ug/L	5	NA
1,1,2-Trichloroethane	11/30/1995	<5	ug/L	5	NA
Trichloroethene	11/30/1995	<5	ug/L	5	NA
Vinyl acetate	11/30/1995	<5	ug/L	5	NA
Vinyl chloride	11/30/1995	<10	ug/L	10	NA
Xylenes, Total	11/30/1995	<5	ug/L	5	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 95.08804

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Chloride	500	500	100	
VOA 8240				
Benzene	22	20	110	
Chlorobenzene	24	20	120	
1,1-Dichloroethene	25	20	125	
Toluene	20	20	100	
Trichloroethene	21	20	105	
VOA 8240				
Benzene	19	20	95	
Chlorobenzene	19	20	95	
1,1-Dichloroethene	18	20	90	
Toluene	19	20	95	
Trichloroethene	24	20	120	
VOA 8240				
Benzene	18	20	90	
Chlorobenzene	19	20	95	
1,1-Dichloroethene	23	20	115	
Toluene	20	20	100	
Trichloroethene	17	20	85	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 95.08804

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Chloride	26	136	132	100	110	106	3.7	
Chloride	16	114	116	100	98	100	1.9	
VOA 8240								
Benzene	<5	22	23	20	110	115	4.4	
Chlorobenzene	<5	27	26	20	135	130	3.8	
1,1-Dichloroethene	<5	23	24	20	115	120	4.3	
Toluene	<5	24	22	20	120	110	8.7	
Trichloroethene	<5	23	25	20	115	125	8.3	
VOA 8240								
Benzene	<5	20	19	20	100	95	5	
Chlorobenzene	<5	20	18	20	100	90	10	
1,1-Dichloroethene	<5	24	22	20	120	110	8.7	
Toluene	<5	22	21	20	110	105	4.7	
Trichloroethene	<5	20	18	20	100	90	10	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY NNG - EUNICE
ADDRESS P.O. BOX 1188 HOUSTON, TX 77251
PHONE (713) 646-7327 FAX (713) 646-7869
PROJECT NAME/LOCATION NNG EUNICE STA.
PROJECT NUMBER
PROJECT MANAGER

c/o ENRON OPERATIONS CORP
3AC ROOM 3142
P.O. BOX 1188
REPORT TO: HOUSTON, TX 7725
INVOICE TO: SAME AS ABOVE
P.O. NO.
NET QUOTE NO.

SAMPLED BY: GEORGE ROBINSON (PRINT NAME) SIGNATURE
SANDY SHARP (PRINT NAME) SIGNATURE

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA UST NPDES Wastewater Drinking Water Other X None

DATE 95	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: 8010/8020 LIST	8015	8240 OX	Chloride	COMMENTS
11/20	10:00	MW-1	A			4G			1G		X		X	X	
	11:20	MW-4									X			X	
	12:20	MW-7									X			X	
	13:10	MW-6									X			X	
	14:30	MW-5									X			X	
	15:00	MW-2									X			X	
		Trip Blank	A			1					X				

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? ~~YES / NO~~ NA
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 4°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS DATE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
	11/21/95	15:30			11/22/95	9:30 AM	DeWitt

METHOD OF SHIPMENT: FEDEX
REMARKS:

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2000

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995

NET Job Number: 95.08800

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285285	MW-1	11/20/1995	11/22/1995
285286	MW-4	11/20/1995	11/22/1995
285287	MW-7	11/20/1995	11/22/1995
285288	MW-6	11/20/1995	11/22/1995
285289	MW-5	11/20/1995	11/22/1995
285290	MW-2	11/20/1995	11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285285 MW-1
Taken: 11/20/1995 10:00

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5	ug/L
Acenaphthylene	<5	ug/L
Anthracene	<5	ug/L
Benzo(a)anthracene	<5	ug/L
Benzo(b)fluoranthene	<5	ug/L
Benzo(k)fluoranthene	<5	ug/L
Benzo(g,h,i)perylene	<5	ug/L
Benzo(a)pyrene	<5	ug/L
Chrysene	<5	ug/L
Dibenzo(a,h)anthracene	<5	ug/L
Fluoranthene	<5	ug/L
Fluorene	<5	ug/L
Indeno(1,2,3-cd)pyrene	<5	ug/L
Naphthalene	<5	ug/L
Phenanthrene	<5	ug/L
Pyrene	<5	ug/L
SURR: 2-Fluorobiphenyl	45	% Rec
SURR: Nitrobenzene-d5	35	% Rec
SURR: Terphenyl-d14	105	% Rec

285286 MW-4
Taken: 11/20/1995 11:20

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5.	ug/L
Acenaphthylene	<5.	ug/L
Anthracene	<5.	ug/L
Benzo(a)anthracene	<5.	ug/L
Benzo(b)fluoranthene	<5.	ug/L
Benzo(k)fluoranthene	<5.	ug/L
Benzo(g,h,i)perylene	<5.	ug/L
Benzo(a)pyrene	<5.	ug/L
Chrysene	<5.	ug/L
Dibenzo(a,h)anthracene	<5.	ug/L
Fluoranthene	<5.	ug/L
Fluorene	<5.	ug/L
Indeno(1,2,3-cd)pyrene	<5.	ug/L
Naphthalene	<5.	ug/L
Phenanthrene	<5.	ug/L

NET®

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285286 MW-4
Taken: 11/20/1995 11:20

Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	54		% Rec
SURR: Nitrobenzene-d5	51		% Rec
SURR: Terphenyl-d14	80		% Rec

285287 MW-7
Taken: 11/20/1995 12:20

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<5.		ug/L
Acenaphthylene	<5.		ug/L
Anthracene	<5.		ug/L
Benzo(a)anthracene	<5.		ug/L
Benzo(b)fluoranthene	<5.		ug/L
Benzo(k)fluoranthene	<5.		ug/L
Benzo(g,h,i)perylene	<5.		ug/L
Benzo(a)pyrene	<5.		ug/L
Chrysene	<5.		ug/L
Dibenzo(a,h)anthracene	<5.		ug/L
Fluoranthene	<5.		ug/L
Fluorene	<5.		ug/L
Indeno(1,2,3-cd)pyrene	<5.		ug/L
Naphthalene	<5.		ug/L
Phenanthrene	<5.		ug/L
Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	47		% Rec
SURR: Nitrobenzene-d5	48		% Rec
SURR: Terphenyl-d14	94		% Rec

285288 MW-6
Taken: 11/20/1995 13:10

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<50	EDL	ug/L
Acenaphthylene	<50	EDL	ug/L
Anthracene	<50	EDL	ug/L
Benzo(a)anthracene	<50	EDL	ug/L
Benzo(b)fluoranthene	<50	EDL	ug/L
Benzo(k)fluoranthene	<50	EDL	ug/L
Benzo(g,h,i)perylene	<50	EDL	ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285288 MW-6
Taken: 11/20/1995 13:10

Benzo(a)pyrene	<50	EDL	ug/L
Chrysene	<50	EDL	ug/L
Dibenzo(a,h)anthracene	<50	EDL	ug/L
Fluoranthene	<50	EDL	ug/L
Fluorene	<50	EDL	ug/L
Indeno(1,2,3-cd)pyrene	<50	EDL	ug/L
Naphthalene	<50	EDL	ug/L
Phenanthrene	<50	EDL	ug/L
Pyrene	<50	EDL	ug/L
SURR: 2-Fluorobiphenyl	69		% Rec
SURR: Nitrobenzene-d5	50		% Rec
SURR: Terphenyl-d14	76		% Rec

285289 MW-5
Taken: 11/20/1995 14:30

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<5.		ug/L
Acenaphthylene	<5.		ug/L
Anthracene	<5.		ug/L
Benzo(a)anthracene	<5.		ug/L
Benzo(b)fluoranthene	<5.		ug/L
Benzo(k)fluoranthene	<5.		ug/L
Benzo(g,h,i)perylene	<5.		ug/L
Benzo(a)pyrene	<5.		ug/L
Chrysene	<5.		ug/L
Dibenzo(a,h)anthracene	<5.		ug/L
Fluoranthene	<5.		ug/L
Fluorene	<5.		ug/L
Indeno(1,2,3-cd)pyrene	<5.		ug/L
Naphthalene	<5.		ug/L
Phenanthrene	<5.		ug/L
Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	44		% Rec
SURR: Nitrobenzene-d5	48		% Rec
SURR: Terphenyl-d14	57		% Rec

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285290 MW-2
Taken: 11/20/1995 15:00

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5.	ug/L
Acenaphthylene	<5.	ug/L
Anthracene	<5.	ug/L
Benzo(a)anthracene	<5.	ug/L
Benzo(b)fluoranthene	<5.	ug/L
Benzo(k)fluoranthene	<5.	ug/L
Benzo(g,h,i)perylene	<5.	ug/L
Benzo(a)pyrene	<5.	ug/L
Chrysene	<5.	ug/L
Dibenzo(a,h)anthracene	<5.	ug/L
Fluoranthene	<5.	ug/L
Fluorene	<5.	ug/L
Indeno(1,2,3-cd)pyrene	<5.	ug/L
Naphthalene	6.7	ug/L
Phenanthrene	<5.	ug/L
Pyrene	<5.	ug/L
SURR: 2-Fluorobiphenyl	45	% Rec
SURR: Nitrobenzene-d5	49	% Rec
SURR: Terphenyl-d14	108	% Rec

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 95.08800

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
BASE/NEUTRALS - 8270 AQUEOUS			S-8270A				
Acenaphthene	slw	11/28/1995	S-8270A	46.0	50.0	92	NA
Acenaphthylene	slw	11/28/1995	S-8270A	50.8	50.0	102	NA
Anthracene	slw	11/28/1995	S-8270A	48.3	50.0	97	NA
Benzo(a)anthracene	slw	11/28/1995	S-8270A	46.4	50.0	93	NA
Benzo(a)pyrene	slw	11/28/1995	S-8270A	49.9	50.0	100	NA
Benzo(b)fluoranthene	slw	11/28/1995	S-8270A	40.2	50.0	80	NA
Benzo(k)fluoranthene	slw	11/28/1995	S-8270A	50.8	50.0	102	NA
Benzo(g,h,i)perylene	slw	11/28/1995	S-8270A	54.4	50.0	109	NA
Chrysene	slw	11/28/1995	S-8270A	50.3	50.0	101	NA
Dibenzo(a,h)anthracene	slw	11/28/1995	S-8270A	55.7	50.0	111	NA
Fluoranthene	slw	11/28/1995	S-8270A	54.5	50.0	109	NA
Fluorene	slw	11/28/1995	S-8270A	49.8	50.0	100	NA
Indeno(1,2,3-cd)pyrene	slw	11/28/1995	S-8270A	54.4	50.0	109	NA
Naphthalene	slw	11/28/1995	S-8270A	46.2	50.0	92	NA
Phenanthrene	slw	11/28/1995	S-8270A	48.3	50.0	97	NA
Pyrene	slw	11/28/1995	S-8270A	40.6	50.0	81	NA
BASE/NEUTRALS - 8270 AQUEOUS			S-8270A				
Acenaphthene	slw	11/28/1995	S-8270A	58.5	50.0	117	NA
Acenaphthylene	slw	11/28/1995	S-8270A	55.1	50.0	110	NA
Anthracene	slw	11/28/1995	S-8270A	53.8	50.0	108	NA
Benzo(a)anthracene	slw	11/28/1995	S-8270A	53.1	50.0	106	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08800

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Benzo(a)pyrene	slw	11/28/1995	S-8270A	56.0	50.0	112	NA
Benzo(b)fluoranthene	slw	11/28/1995	S-8270A	53.6	50.0	107	NA
Benzo(k)fluoranthene	slw	11/28/1995	S-8270A	56.0	50.0	112	NA
Benzo(g,h,i)perylene	slw	11/28/1995	S-8270A	40.3	50.0	81	NA
Chrysene	slw	11/28/1995	S-8270A	54.8	50.0	110	NA
Dibenzo(a,h)anthracene	slw	11/28/1995	S-8270A	44.2	50.0	88	NA
Fluoranthene	slw	11/28/1995	S-8270A	57.0	50.0	114	NA
Fluorene	slw	11/28/1995	S-8270A	56.7	50.0	113	NA
Indeno(1,2,3-cd)pyrene	slw	11/28/1995	S-8270A	40.3	50.0	81	NA
Naphthalene	slw	11/28/1995	S-8270A	55.0	50.0	110	NA
Phenanthrene	slw	11/28/1995	S-8270A	55.7	50.0	111	NA
Pyrene	slw	11/28/1995	S-8270A	59.1	50.0	118	NA
BASE/NEUTRALS - 8270 AQUEOUS			S-8270A				
Acenaphthene	slw	11/29/1995	S-8270A	44.7	50.0	89	NA
Acenaphthylene	slw	11/29/1995	S-8270A	44.5	50.0	89	NA
Anthracene	slw	11/29/1995	S-8270A	41.5	50.0	83	NA
Benzo(a)anthracene	slw	11/29/1995	S-8270A	48.1	50.0	96	NA
Benzo(a)pyrene	slw	11/29/1995	S-8270A	49.0	50.0	98	NA
Benzo(b)fluoranthene	slw	11/29/1995	S-8270A	50.0	50.0	100	NA
Benzo(k)fluoranthene	slw	11/29/1995	S-8270A	52.7	50.0	105	NA
Benzo(g,h,i)perylene	slw	11/29/1995	S-8270A	42.9	50.0	86	NA
Chrysene	slw	11/29/1995	S-8270A	52.3	50.0	105	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 95.08800

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Dibenzo(a,h)anthracene	slw	11/29/1995	S-8270A	42.3	50.0	85	NA
Fluoranthene	slw	11/29/1995	S-8270A	49.8	50.0	100	NA
Fluorene	slw	11/29/1995	S-8270A	47.2	50.0	94	NA
Indeno(1,2,3-cd)pyrene	slw	11/29/1995	S-8270A	42.9	50.0	86	NA
Naphthalene	slw	11/29/1995	S-8270A	50.2	50.0	100	NA
Phenanthrene	slw	11/29/1995	S-8270A	46.4	50.0	93	NA
Pyrene	slw	11/29/1995	S-8270A	38.5	50.0	77	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 95.08800

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
BASE/NEUTRALS - 8270 AQUEOUS					
Acenaphthene	11/28/1995	<5	ug/L	5	NA
Acenaphthylene	11/28/1995	<5	ug/L	5	NA
Anthracene	11/28/1995	<5	ug/L	5	NA
Benzo(a)anthracene	11/28/1995	<5	ug/L	5	NA
Benzo(a)pyrene	11/28/1995	<5	ug/L	5	NA
Benzo(b)fluoranthene	11/28/1995	<5	ug/L	5	NA
Benzo(k)fluoranthene	11/28/1995	<5	ug/L	5	NA
Benzo(g,h,i)perylene	11/28/1995	<5	ug/L	5	NA
Chrysene	11/28/1995	<5	ug/L	5	NA
Dibenzo(a,h)anthracene	11/28/1995	<5	ug/L	5	NA
Fluoranthene	11/28/1995	<5	ug/L	5	NA
Fluorene	11/28/1995	<5	ug/L	5	NA
Indeno(1,2,3-cd)pyrene	11/28/1995	<5	ug/L	5	NA
Naphthalene	11/28/1995	<5	ug/L	5	NA
Phenanthrene	11/28/1995	<5	ug/L	5	NA
Pyrene	11/28/1995	<5	ug/L	5	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 95.08800

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
BASE/NEUTRALS - 8270 AQUEOUS				
Acenaphthene	73.8	100	74	
Pyrene	77.2	100	77	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

NET NATIONAL ENVIRONMENTAL TESTING, INC.®

CHAIN OF CUSTODY RECORD

COMPANY ENRON (NNG)
ADDRESS P.O. BOX 1188 HOUSTON, TX 77251
PHONE (713) 646-7327 FAX (713) 646-7867
PROJECT NAME/LOCATION NNG - EUNICE STA.
PROJECT NUMBER
PROJECT MANAGER

c/o ENRON OPERATION'S CORP
3AC ROOM 3142
P.O. BOX 1188
REPORT TO: HOUSTON, TX 77251
INVOICE TO: SAME AS ABOVE
P.O. NO.
NET QUOTE NO.

SAMPLED BY
GEORGE ROBINSON
(PRINT NAME) SIGNATURE
SANDY SHARP
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	NONE / OTHER	ANALYSES: PAH, 8100 List, by 8270 OK
11/20/95	10:00	MW-1	A							2G	X
	11:20	MW-4									X
	12:20	MW-7									X
	13:10	MW-6									X
	14:30	MW-5									X
	15:00	MW-2									X

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA UST Other X NPDES Wastewater Drinking Water None

COMMENTS

11/30/95

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO NA
FIELD FILTERED? ~~YES / NO~~ NA
COC SEALS PRESENT AND INTACT? YES / NO NA
VOLATILES FREE OF HEADSPACE? ~~YES / NO~~ NA
TEMPERATURE UPON RECEIPT: 4°
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS DATE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
	11/21/95	15:30			11/22/95	9:30 AM	RS DeWitt

METHOD OF SHIPMENT: FedEx

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995

NET Job Number: 95.08801

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285291	MW-1	11/20/1995	11/22/1995
285292	MW-4	11/20/1995	11/22/1995
285293	MW-7	11/20/1995	11/22/1995
285294	MW-6	11/20/1995	11/22/1995
285295	MW-5	11/20/1995	11/22/1995
285296	MW-2	11/20/1995	11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285291 MW-1
Taken: 11/20/1995 10:00

Nitrate-Nitrite	7.5	mg/L
Sulfate	102	mg/L
Arsenic	0.09	mg/L
Barium	0.68	mg/L
Cadmium	<0.01	mg/L
Calcium	241	mg/L
Chromium	0.03	mg/L
Copper	0.02	mg/L
Iron	15.0	mg/L
Lead	<0.03	mg/L
Magnesium	92.3	mg/L
Manganese	0.11	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	4.17	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	244	mg/L
Zinc	0.08	mg/L
Total Dissolved Solids	1440	mg/L

285292 MW-4
Taken: 11/20/1995 11:20

Nitrate-Nitrite	7.2	mg/L
Sulfate	<5.0	mg/L
Arsenic	<0.03	mg/L
Barium	0.77	mg/L
Cadmium	<0.01	mg/L
Calcium	142	mg/L
Chromium	<0.01	mg/L
Copper	0.04	mg/L
Iron	1.56	mg/L
Lead	<0.03	mg/L
Magnesium	62.3	mg/L
Manganese	0.18	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.15	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	489	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285292 MW-4
Taken: 11/20/1995 11:20

Zinc	0.05	mg/L
Total Dissolved Solids	1980	mg/L

285293 MW-7
Taken: 11/20/1995 12:20

Nitrate-Nitrite	21.2	mg/L
Sulfate	11.0	mg/L
Arsenic	<0.03	mg/L
Barium	1.96	mg/L
Cadmium	<0.01	mg/L
Calcium	102	mg/L
Chromium	<0.01	mg/L
Copper	0.01	mg/L
Iron	4.33	mg/L
Lead	<0.03	mg/L
Magnesium	71.1	mg/L
Manganese	0.22	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	5.29	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	525	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	2200	mg/L

285294 MW-6
Taken: 11/20/1995 13:10

Nitrate-Nitrite	7.7	mg/L
Sulfate	<5.0	mg/L
Arsenic	<0.03	mg/L
Barium	0.51	mg/L
Cadmium	<0.01	mg/L
Calcium	58.1	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	1.59	mg/L
Lead	<0.03	mg/L
Magnesium	45.1	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285294 MW-6
Taken: 11/20/1995 13:10

Manganese	0.14	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.41	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	353	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	1500	mg/L

285295 MW-5
Taken: 11/20/1995 14:30

Nitrate-Nitrite	13.4	mg/L
Sulfate	88.1	mg/L
Arsenic	0.03	mg/L
Barium	0.86	mg/L
Cadmium	<0.01	mg/L
Calcium	45.9	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	2.32	mg/L
Lead	<0.03	mg/L
Magnesium	29.4	mg/L
Manganese	0.12	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	11.0	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	1055	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	3430	mg/L

285296 MW-2
Taken: 11/20/1995 15:00

Nitrate-Nitrite	18.8	mg/L
Sulfate	10.5	mg/L
Arsenic	<0.03	mg/L
Barium	1.32	mg/L
Cadmium	<0.01	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285296 MW-2
Taken: 11/20/1995 15:00

Calcium	97.5	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	11.6	mg/L
Lead	<0.03	mg/L
Magnesium	84.2	mg/L
Manganese	0.26	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.05	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	1414	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	5350	mg/L

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 95.08801

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Nitrate-Nitrite	jar	11/30/1995	SM-4500NO	1.02	1.00	102	NA
Sulfate	kwo	11/28/1995	E-375.4	20.7	20.0	104	NA
Arsenic	des	11/27/1995	S-6010A	1.01	1.00	101	NA
Barium	des	11/27/1995	S-6010A	0.97	1.00	97	NA
Cadmium	des	11/27/1995	S-6010A	1.00	1.00	100	NA
Calcium	des	11/27/1995	S-6010A	11.0	11.0	100	NA
Chromium	des	11/27/1995	S-6010A	0.99	1.00	99	NA
Copper	des	11/27/1995	S-6010A	0.99	1.00	99	NA
Iron	des	11/27/1995	S-6010A	1.00	1.00	100	NA
Lead	des	11/27/1995	S-6010A	1.02	1.00	102	NA
Magnesium	des	11/27/1995	S-6010A	10.1	10.0	101	NA
Manganese	des	11/27/1995	S-6010A	0.99	1.00	99	NA
Mercury, CVAA	jmd	11/28/1995	S-7470A	0.48	0.50	96	NA
Potassium	des	11/27/1995	S-6010A	10.3	10.0	103	NA
Selenium	des	11/27/1995	S-6010A	1.00	1.00	100	NA
Silver	des	11/27/1995	S-6010A	1.04	1.00	104	NA
Sodium	des	11/27/1995	S-6010A	10.4	10.0	104	NA
Zinc	des	11/27/1995	S-6010A	1.01	1.00	101	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 95.08801

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Nitrate-Nitrite	11/30/1995	<0.1	mg/L	1.0	NA
Sulfate	11/28/1995	<5.0	mg/L	5.0	NA
Arsenic	11/27/1995	<0.03	mg/L	0.03	NA
Barium	11/27/1995	<0.01	mg/L	0.01	NA
Cadmium	11/27/1995	<0.01	mg/L	0.01	NA
Calcium	11/27/1995	<0.50	mg/L	0.50	NA
Chromium	11/27/1995	<0.01	mg/L	0.01	NA
Copper	11/27/1995	<0.01	mg/L	0.01	NA
Iron	11/27/1995	<0.01	mg/L	0.01	NA
Lead	11/27/1995	<0.03	mg/L	0.03	NA
Magnesium	11/27/1995	<0.10	mg/L	0.10	NA
Manganese	11/27/1995	<0.01	mg/L	0.01	NA
Mercury, CVAA	11/28/1995	<0.0002	mg/L	0.0002	NA
Potassium	11/27/1995	<0.50	mg/L	0.50	NA
Selenium	11/27/1995	<0.04	mg/L	0.04	NA
Silver	11/27/1995	<0.01	mg/L	0.01	NA
Sodium	11/27/1995	<0.50	mg/L	0.50	NA
Zinc	11/27/1995	<0.03	mg/L	0.03	NA
Total Dissolved Solids	11/28/1995	<10	mg/L	10	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 95.08801

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Nitrate-Nitrite	0.5	0.5	100	
Sulfate	20.7	20.0	104	
Arsenic	1.07	1.00	107	
Barium	0.94	1.00	94	
Cadmium	1.09	1.00	109	
Calcium	11.6	11.0	106	
Chromium	1.04	1.00	104	
Copper	0.97	1.00	97	
Iron	1.03	1.00	103	
Lead	1.08	1.00	108	
Magnesium	10.1	10.0	101	
Manganese	1.01	1.00	101	
Mercury, CVAA	0.49	0.50	98	
Potassium	9.38	10.0	94	
Selenium	1.08	1.00	108	
Silver	0.94	1.00	94	
Sodium	9.37	10.0	94	
Zinc	1.08	1.00	108	
Total Dissolved Solids	1980	2000	99	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 95.08801

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Sulfate	86.2	573	552	400	122	117	4.4	
Arsenic	<0.03	1.03	1.05	1.00	103	105	1.9	
Barium	1.48	2.30	2.36	1.00	82	88	7.1	
Cadmium	<0.01	0.95	0.96	1.00	95	96	1	
Calcium	120	130	132	11.0	91	109	18	
Chromium	<0.01	1.00	0.91	1.00	100	91	9.3	
Copper	0.08	0.92	0.95	1.00	84	87	3.5	
Copper	0.61	1.43	1.52	1.00	82	91	10	
Iron	2.04	2.92	3.02	1.00	88	98	11	
Lead	<0.03	0.98	0.96	1.00	98	96	2.1	
Lead	0.05	0.96	1.06	1.00	91	101	10	
Magnesium	13.0	21.9	22.4	10.0	89	94	5.5	
Manganese	0.71	1.59	1.63	1.00	88	92	4.4	
Mercury, CVAA	<0.0002	0.39	0.38	0.50	78	76	2.6	
Potassium	7.67	16.0	16.7	10.0	83	90	8.1	
Selenium	<0.04	0.98	0.99	1.00	98	99	1	
Silver	<0.01	0.89	0.90	1.00	89	90	1.1	
Sodium	259	270	269	10.0	110	100	9.5	
Zinc	0.06	0.99	0.99	1.00	93	93	0	
Zinc	0.10	0.99	1.08	1.00	89	98	9.6	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY ENRON (NNG)
ADDRESS ~~1188~~ P.O. BOX 1188 HOUSTON, TX 77251
PHONE (713)646-7327 FAX (713)646-7867
PROJECT NAME/LOCATION NNG - EUNICE STA.
PROJECT NUMBER
PROJECT MANAGER

c/o ENRON OPERATIONS CORP.
ATTN: 3AC ROOM 3142
REPORT TO: P.O. BOX 1188 HOUSTON, TX 77251
INVOICE TO: → SAME AS ABOVE
P.O. NO.
NET QUOTE NO.

SAMPLED BY
GEORGE ROBINSON (PRINT NAME) SIGNATURE
SANDY SHARP (PRINT NAME) SIGNATURE

DATE 1995	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	NONE	OTHER	ANALYSES: *Metals by 6010		Mercury/7470		TDS	TOTAL NO3/NO3	SULFATE	
11/20	10:00	MW-1	A					1 P		1 P		X		X		X	X	X	
	11:20	MW-4										X		X		X	X	X	
	12:10	MW-7										X		X		X	X	X	
	13:10	~~MW~~ MW-6										X		X		X	X	X	
	14:30	MW-5										X		X		X	X	X	
	15:00	MW-2										X		X		X	X	X	

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA UST Other X NPDES Wastewater Drinking Water None

COMMENTS

*Metals by 6010
Ca, Mg, K, Na, As, Ba,
Cd, Cr, Cu, Fe, Pb,
Mn, Se, Ag, Zn

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? ~~YES~~ / NO NA
COC SEALS PRESENT AND INTACT? YES / NO NA
VOLATILES FREE OF HEADSPACE? YES ~~NO~~ NA
TEMPERATURE UPON RECEIPT: LR
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS DATE

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
	11/21/95	15:30			11/22/95	9:30 AM	BDewitt

METHOD OF SHIPMENT: FEDEX
REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

FAX (505) 625-8060

Phone (505) 623-2761

Transwestern Pipeline Company
TECHNICAL OPERATIONS
6381 North Main • Roswell, New Mexico 88201

January 11, 1996

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

RE: Reporting Requirements for Ground Water Remediation Projects
Transwestern Pipeline Company

Dear Bill,

In the course of the past year, the NMOCD has approved several soil and ground water remediation plans submitted by Transwestern. Each of these plans include reporting requirements with specific dates for submittal of reports. Due to timing considerations, Transwestern proposes to modify the reporting schedule as shown below:

Project Site	Project Objective	Reporting Frequency	Current Reporting Dates	Proposed Reporting Dates
NNG Eunice Station	ground water monitoring	semi-annual	Jan. 1 & Jul. 1	Feb. 1 & Aug. 1
TW Thoreau Station	ground water remediation	semi-annual	Jan. 1 & Jul. 1	Feb. 1 & Aug. 1
TW WT-1 Station (Dehy Area)	ground water remediation	semi-annual	Feb. 1 & Aug. 1	Mar. 1 & Sep. 1
TW Atoka-1 Station	ground water remediation	semi-annual	Mar. 1 & Sep. 1	Mar. 1 & Sep. 1
Highlands Bell Lake Plant (formerly a TW asset)	ground water remediation	annual	Jul. 31	Mar. 1

The primary motivation for these changes is to avoid a January 1st reporting date which is difficult to achieve due to the inevitable end of the year rush and holiday season.

If you have any questions or comments regarding this issue, please contact me at (505) 625-8022 or George Robinson at (713) 646-7327.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

gcr/LC

xc: George Robinson Cypress Engineering Services, Inc.

ENRON
Transwestern Pipeline Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

January 18,1996

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

RE: Final Disposition of Investigation Derived Wastes
Northern Natural Gas Company Eunice Compressor Station
Lea County, New Mexico

Dear Bill,

In the course of the fourth quarter, 1995, ground water sampling event at the subject facility, approximately 36 gallons of potentially contaminated water was collected from six on-site ground water monitor wells. This water is currently stored in a drum at the site. The source, quantity, and proposed disposition of the water is summarized below in Table 1. The proposed disposition is based on laboratory analysis of ground water samples from each monitor well. A summary of the laboratory analysis and a copy of the analytical results are attached.

Table 1. Source, Quantity, and Proposed Disposition of Investigation Derived Waste Water

Source	Quantity (gallons)	Proposed Disposition
MW-1, MW-2, MW-4, MW-5, MW-6, MW-7, & decon water	36	This water may contain a concentration of benzene greater than 0.500 mg/L, however, because the source of the benzene in ground water has been determined to originate from the adjoining gas plant, the water is exempt from RCRA regulation. Therefore, the proposed disposition is to place the water into the on-site condensate AST.
Total	36	

Transwestern Pipeline Company, as operator of the subject facility, will implement the proposed disposition of investigation derived wastes upon review and approval by your office.

If you have any questions regarding this proposal, please contact me at (505) 625-8022 or George Robinson at (713) 646-7327.

Sincerely,

Larry Campbell

Larry Campbell
Division Environmental Specialist

3/18/96 1300 hrs
Gave verbal approval
to George Robinson
Bill Olson

sls/LC

bc: G. Robinson Cypress Engineering Services Houston, TX

Northern Natural Gas Company
Eunice Compressor Station
Summary of Ground Water Analyses

Well	Sampling Date	BTEX (ug/L)				Halogenated VOCs (ug/L)							
		Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	1,1,2-Trichloroethane	Chloroform
NMWQCC Standard		10	750	750	620	none	none	25	10	none	none	10	100
MW-1	10/91	3.2	1.8	1.1	(2)	2.3	2.9	< 1.0	< 1.0	(2)	1.9	1.3	< 1.0
	4/93	< 5	< 5	< 5	(2)	< 10	< 10	< 5	< 5	(2)	< 5	< 5	< 5
	10/94	1.6	0.6	1.1	0.9	0.8	0.9	< 0.2	< 0.2	0.3	0.3	< 0.2	< 0.2
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	11/95	<5	<5	<5	<5	(2)	(2)	<5	<5	(2)	<5	<5	<5
MW-2	10/91	**5200**	< 50	**1200**	(2)	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	4/93	**3800**	< 5	**1000**	(2)	< 10	< 10	< 5	< 5	(2)	< 5	< 5	< 5
	10/94	**6300**	< 20	**1300**	< 20	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8
	8/95	**6100**	< 20	**1190**	20	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	11/95	**6100**	<5	150	18	(2)	(2)	<5	<5	(2)	<5	<5	<5
MW-3	4/93	**2000**	**1700**	**640**	(2)	< 40	< 40	< 5	< 5	(2)	< 5	< 5	< 5
	10/94	**3000**	**1000**	**1200**	**2600**	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4
	8/95	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
	11/95	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
MW-4	10/94	< 0.5	< 0.5	< 0.5	< 0.5	< 0.2	0.5	0.4	0.4	< 0.2	0.7	0.4	< 0.2
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	37.2
	11/95	<5	<5	<5	<5	(2)	(2)	<5	<5	(2)	<5	<5	<5
MW-5	10/94	**70**	< 0.5	44	0.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	8/95	**140**	< 2	38	12	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	11/95	**450**	<5	46	15	(2)	(2)	<5	<5	(2)	<5	<5	<5
MW-6	10/94	0.7	< 0.5	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	8/95	< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	11/95	<5	<5	<5	<5	(2)	(2)	<5	<5	(2)	<5	<5	<5
MW-7	10/94	8.1	< 0.5	42	99	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
	8/95	3	< 2	70	10	< 1.0	< 1.0	< 1.0	< 1.0	(2)	< 1.0	< 1.0	< 1.0
	11/95	<5	<5	65	10	(2)	(2)	<5	<5	(2)	<5	<5	<5

NOTES:

(1) No sample collected due to presence of phase separated hydrocarbon

(2) Result not available because this compound was not reported by the laboratory

Northern Natural Gas Company
Eunice Compressor Station
Summary of Ground Water Analyses

Well	Sampling Date	PAH (ug/L)						Major Ions (mg/L)								Metals (mg/L)											
		Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Fluorene	Pyrene	TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Mercury	Selenium	Silver	Zinc
NMWQCC Standard		(3)	(3)	(3)	none	none	none	1000	250	600	10	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.2	0.002	0.05	0.05	10
MW-1	10/91	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	190	9.9	4.24	320	(4)	**1.48**	(4)	< 0.02	(4)	**70**	< 0.10	**0.63**	(4)	(4)	(4)	0.01
	4/93	< 10	(2)	(2)	< 10	< 10	< 10	**1700**	(4)	(4)	(4)	(4)	(4)	(4)	(4)	0.078	**1.3**	< 0.005	0.03	(4)	(4)	< 0.05	(4)	< 0.0002	< 0.003	< 0.01	(4)
	10/94	< 0.5	0.9	< 0.5	< 0.5	< 0.5	< 0.5	**1700**	**750**	< 5	< 0.06	133	119	3.1	346	0.039	**1.52**	< 0.0005	< 0.01	< 0.01	**2.26**	< 0.002	0.058	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	<5	(4)	(4)	<5	<5	<5	**1440**	**470**	**120**	7.5	240	92.3	4.17	244	0.09	0.68	<0.01	0.03	0.02	**15**	<0.03	0.11	<0.0002	<0.04	<0.01	0.08
MW-2	10/91	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	230	10.0	11.2	2500	(4)	**2.45**	(4)	< 0.02	(4)	**3.91**	**0.23**	**0.23**	(4)	(4)	(4)	0.02
	4/93	14	(2)	(2)	< 10	< 10	< 10	**6200**	(4)	(4)	(4)	(4)	(4)	(4)	(4)	0.04	**1.6**	< 0.005	0.03	(4)	(4)	< 0.05	(4)	< 0.0002	< 0.003	< 0.01	(4)
	10/94	6.3	1.7	2.3	< 0.5	0.9	< 0.5	**5900**	**3000**	20	< 0.06	96.2	98.2	5.8	2120	0.029	**1.33**	0.0011	< 0.01	< 0.01	0.345	< 0.002	**0.262**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	6.7	(4)	(4)	<5	<5	<5	**5350**	**3100**	10.5	**18.8**	97.2	84.2	6.05	1414	<0.03	**1.32**	<0.01	<0.01	<0.01	**11.6**	<0.03	**0.26**	<0.0002	<0.04	<0.01	<0.03
MW-3	4/93	**40**	(2)	(2)	< 40	< 40	< 40	**2200**	(4)	(4)	(4)	(4)	(4)	(4)	(4)	0.027	**2.2**	< 0.005	0.01	(4)	(4)	< 0.05	(4)	< 0.0002	< 0.003	< 0.01	(4)
	10/94	**95**	**200**	**88**	17	15	130	**2800**	**620**	20	< 0.06	77.2	42.1	4.8	100	0.027	**5.01**	< 0.0005	< 0.01	< 0.01	**16.9**	0.003	**1.48**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
MW-4	10/94	< 0.5	< 0.5	0.5	1.1	< 0.5	< 0.5	**2000**	**940**	< 5	< 0.06	89.9	68.8	6.5	626	0.015	0.445	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	**0.206**	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	<5	(4)	(4)	<5	<5	<5	**1980**	**840**	<5.0	7.2	142	62.3	6.15	489	<0.03	0.77	<0.01	<0.01	0.04	**1.56**	<0.03	0.18	<0.0002	<0.04	<0.01	0.05
MW-5	10/94	0.5	< 0.5	< 0.5	0.8	< 0.5	< 0.5	**4700**	**2400**	9	0.08	16.1	29.7	20.1	1840	0.027	0.934	< 0.0005	< 0.01	< 0.01	0.047	< 0.002	0.02	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	<5	(4)	(4)	<5	<5	<5	**3430**	**1650**	88.1	**13.4**	45.9	29.4	11	1055	0.03	0.86	<0.01	<0.01	<0.01	**2.32**	<0.03	0.12	<0.0002	<0.04	<0.01	<0.03
MW-6	10/94	< 0.5	< 0.5	< 0.5	0.7	< 0.5	< 0.5	**4000**	**2100**	< 5	< 0.06	54.6	59.8	12.2	1560	0.017	0.997	0.0012	< 0.01	< 0.01	< 0.02	< 0.002	0.065	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	<50	(4)	(4)	<50	<50	<50	**1500**	**415**	<5	7.7	58.1	45.1	6.41	353	<0.03	0.51	<0.01	<0.01	<0.01	**1.59**	<0.03	0.14	<0.0002	<0.04	<0.01	<0.03
MW-7	10/94	0.7	0.9	1.9	0.6	< 0.5	< 0.5	**4000**	**2100**	< 5	< 0.06	129	162	8.5	1130	0.012	**9.72**	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	0.1	< 0.0002	< 0.005	< 0.01	< 0.02
	8/95	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)	(4)
	11/95	<5	(4)	(4)	<5	<5	<5	**2200**	**1300**	11	**21.1**	102	71.1	5.29	525	<0.03	**1.96**	<0.01	<0.01	0.01	**4.33**	<0.03	**0.22**	<0.0002	<0.04	<0.01	<0.03

NOTES:

(3) NMWQCC standard is 30 ug/L for total naphthalene, which includes naphthalene, 1-methylnaphthalene, & 2-methylnaphthalene

(4) An analysis for this constituent was not run on samples collected during this sample event

(5) The 10/91 & 4/93 metals results represent total metals in unfiltered samples

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996

NET Job Number: 95.08804

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285299	MW-1	11/20/1995	11/22/1995
285300	MW-4	11/20/1995	11/22/1995
285301	MW-7	11/20/1995	11/22/1995
285302	MW-6	11/20/1995	11/22/1995
285303	MW-5	11/20/1995	11/22/1995
285304	MW-2	11/20/1995	11/22/1995
285364	TRIP BLANK		11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285299 MW-1
Taken: 11/20/1995 10:00

Chloride	470	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285299 MW-1
Taken: 11/20/1995 10:00

SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	86	% Rec

285300 MW-4
Taken: 11/20/1995 11:20

Chloride	840	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Page: 4

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285300 MW-4
Taken: 11/20/1995 11:20

Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	102	% Rec
SURR: Toluene-d8	102	% Rec
SURR: 4-Bromofluorobenzene	103	% Rec

285301 MW-7
Taken: 11/20/1995 12:20

Chloride	1300	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	65	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Page: 5

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285301 MW-7
Taken: 11/20/1995 12:20

1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	10	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	81	% Rec
SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	97	% Rec

285302 MW-6
Taken: 11/20/1995 13:10

Chloride	415	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285302 MW-6
Taken: 11/20/1995 13:10

trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec
SURR: Toluene-d8	88	% Rec
SURR: 4-Bromofluorobenzene	89	% Rec

285303 MW-5
Taken: 11/20/1995 14:30

Chloride	1650	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	450	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Page: 7

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285303 MW-5
Taken: 11/20/1995 14:30

1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	46	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	15	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	78	% Rec
SURR: Toluene-d8	89	% Rec
SURR: 4-Bromofluorobenzene	87	% Rec

285304 MW-2
Taken: 11/20/1995 15:00

Chloride	3100	mg/L
VOA 8240		
Acetone	<10	ug/L
Benzene	6,100	ug/L
Bromodichloromethane	<5	ug/L
Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L

NET®

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Page: 8

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285304 MW-2
Taken: 11/20/1995 15:00

Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	150	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	18	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	76	% Rec
SURR: Toluene-d8	90	% Rec
SURR: 4-Bromofluorobenzene	91	% Rec

285364 TRIP BLANK
Taken:

VOA 8240		
Acetone	<10	ug/L
Benzene	<5	ug/L
Bromodichloromethane	<5	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

01/18/1996
Job No.: 95.08804

Page: 9

Project Name: NNG EUNICE STA.

Date Received: 11/22/1995

285364 TRIP BLANK
Taken:

Bromoform	<5	ug/L
Bromomethane	<10	ug/L
2-Butanone (MEK)	<20	ug/L
Carbon disulfide	<5	ug/L
Carbon tetrachloride	<5	ug/L
Chlorobenzene	<5	ug/L
Chloroethane	<10	ug/L
2-Chloroethylvinyl ether	<20	ug/L
Chloroform	<5	ug/L
Chloromethane	<10	ug/L
Dibromochloromethane	<5	ug/L
1,1-Dichloroethane	<5	ug/L
1,2-Dichloroethane	<5	ug/L
1,1-Dichloroethene	<5	ug/L
trans-1,2-Dichloroethene	<5	ug/L
1,2-Dichloropropane	<5	ug/L
cis-1,3-Dichloropropene	<5	ug/L
trans-1,3-Dichloropropene	<5	ug/L
Ethyl benzene	<5	ug/L
2-Hexanone	<20	ug/L
Methylene chloride	<5	ug/L
4-Methyl-2-pentanone (MIBK)	<5	ug/L
Styrene	<5	ug/L
1,1,2,2-Tetrachloroethane	<5	ug/L
Tetrachloroethene	<5	ug/L
Toluene	<5	ug/L
1,1,1-Trichloroethane	<5	ug/L
1,1,2-Trichloroethane	<5	ug/L
Trichloroethene	<5	ug/L
Vinyl acetate	<5	ug/L
Vinyl chloride	<10	ug/L
Xylenes, Total	<5	ug/L
.....	.....	
QUALITY CONTROLS	See Below	
SURR: 1,2-Dichloroethane-d4	97	% Rec
SURR: Toluene-d8	98	% Rec
SURR: 4-Bromofluorobenzene	102	% Rec

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995

NET Job Number: 95.08801

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285291	MW-1	11/20/1995	11/22/1995
285292	MW-4	11/20/1995	11/22/1995
285293	MW-7	11/20/1995	11/22/1995
285294	MW-6	11/20/1995	11/22/1995
285295	MW-5	11/20/1995	11/22/1995
285296	MW-2	11/20/1995	11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285291 MW-1
Taken: 11/20/1995 10:00

Nitrate-Nitrite	7.5	mg/L
Sulfate	102	mg/L
Arsenic	0.09	mg/L
Barium	0.68	mg/L
Cadmium	<0.01	mg/L
Calcium	241	mg/L
Chromium	0.03	mg/L
Copper	0.02	mg/L
Iron	15.0	mg/L
Lead	<0.03	mg/L
Magnesium	92.3	mg/L
Manganese	0.11	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	4.17	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	244	mg/L
Zinc	0.08	mg/L
Total Dissolved Solids	1440	mg/L

285292 MW-4
Taken: 11/20/1995 11:20

Nitrate-Nitrite	7.2	mg/L
Sulfate	<5.0	mg/L
Arsenic	<0.03	mg/L
Barium	0.77	mg/L
Cadmium	<0.01	mg/L
Calcium	142	mg/L
Chromium	<0.01	mg/L
Copper	0.04	mg/L
Iron	1.56	mg/L
Lead	<0.03	mg/L
Magnesium	62.3	mg/L
Manganese	0.18	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.15	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	489	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285292 MW-4
Taken: 11/20/1995 11:20

Zinc	0.05	mg/L
Total Dissolved Solids	1980	mg/L

285293 MW-7
Taken: 11/20/1995 12:20

Nitrate-Nitrite	21.2	mg/L
Sulfate	11.0	mg/L
Arsenic	<0.03	mg/L
Barium	1.96	mg/L
Cadmium	<0.01	mg/L
Calcium	102	mg/L
Chromium	<0.01	mg/L
Copper	0.01	mg/L
Iron	4.33	mg/L
Lead	<0.03	mg/L
Magnesium	71.1	mg/L
Manganese	0.22	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	5.29	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	525	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	2200	mg/L

285294 MW-6
Taken: 11/20/1995 13:10

Nitrate-Nitrite	7.7	mg/L
Sulfate	<5.0	mg/L
Arsenic	<0.03	mg/L
Barium	0.51	mg/L
Cadmium	<0.01	mg/L
Calcium	58.1	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	1.59	mg/L
Lead	<0.03	mg/L
Magnesium	45.1	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285294 MW-6
Taken: 11/20/1995 13:10

Manganese	0.14	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.41	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	353	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	1500	mg/L

285295 MW-5
Taken: 11/20/1995 14:30

Nitrate-Nitrite	13.4	mg/L
Sulfate	88.1	mg/L
Arsenic	0.03	mg/L
Barium	0.86	mg/L
Cadmium	<0.01	mg/L
Calcium	45.9	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	2.32	mg/L
Lead	<0.03	mg/L
Magnesium	29.4	mg/L
Manganese	0.12	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	11.0	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	1055	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	3430	mg/L

285296 MW-2
Taken: 11/20/1995 15:00

Nitrate-Nitrite	18.8	mg/L
Sulfate	10.5	mg/L
Arsenic	<0.03	mg/L
Barium	1.32	mg/L
Cadmium	<0.01	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/30/1995
Job No.: 95.08801

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285296 MW-2
Taken: 11/20/1995 15:00

Calcium	97.5	mg/L
Chromium	<0.01	mg/L
Copper	<0.01	mg/L
Iron	11.6	mg/L
Lead	<0.03	mg/L
Magnesium	84.2	mg/L
Manganese	0.26	mg/L
Mercury, CVAA	<0.0002	mg/L
Potassium	6.05	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	1414	mg/L
Zinc	<0.03	mg/L
Total Dissolved Solids	5350	mg/L

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8700
Fax: (214) 484-2069

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995

NET Job Number: 95.08800

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
285285	MW-1	11/20/1995	11/22/1995
285286	MW-4	11/20/1995	11/22/1995
285287	MW-7	11/20/1995	11/22/1995
285288	MW-6	11/20/1995	11/22/1995
285289	MW-5	11/20/1995	11/22/1995
285290	MW-2	11/20/1995	11/22/1995

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285285 MW-1
Taken: 11/20/1995 10:00

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5	ug/L
Acenaphthylene	<5	ug/L
Anthracene	<5	ug/L
Benzo(a)anthracene	<5	ug/L
Benzo(b)fluoranthene	<5	ug/L
Benzo(k)fluoranthene	<5	ug/L
Benzo(g,h,i)perylene	<5	ug/L
Benzo(a)pyrene	<5	ug/L
Chrysene	<5	ug/L
Dibenzo(a,h)anthracene	<5	ug/L
Fluoranthene	<5	ug/L
Fluorene	<5	ug/L
Indeno(1,2,3-cd)pyrene	<5	ug/L
Naphthalene	<5	ug/L
Phenanthrene	<5	ug/L
Pyrene	<5	ug/L
SURR: 2-Fluorobiphenyl	45	% Rec
SURR: Nitrobenzene-d5	35	% Rec
SURR: Terphenyl-d14	105	% Rec

285286 MW-4
Taken: 11/20/1995 11:20

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5.	ug/L
Acenaphthylene	<5.	ug/L
Anthracene	<5.	ug/L
Benzo(a)anthracene	<5.	ug/L
Benzo(b)fluoranthene	<5.	ug/L
Benzo(k)fluoranthene	<5.	ug/L
Benzo(g,h,i)perylene	<5.	ug/L
Benzo(a)pyrene	<5.	ug/L
Chrysene	<5.	ug/L
Dibenzo(a,h)anthracene	<5.	ug/L
Fluoranthene	<5.	ug/L
Fluorene	<5.	ug/L
Indeno(1,2,3-cd)pyrene	<5.	ug/L
Naphthalene	<5.	ug/L
Phenanthrene	<5.	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285286 MW-4
Taken: 11/20/1995 11:20

Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	54		% Rec
SURR: Nitrobenzene-d5	51		% Rec
SURR: Terphenyl-d14	80		% Rec

285287 MW-7
Taken: 11/20/1995 12:20

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<5.		ug/L
Acenaphthylene	<5.		ug/L
Anthracene	<5.		ug/L
Benzo(a)anthracene	<5.		ug/L
Benzo(b)fluoranthene	<5.		ug/L
Benzo(k)fluoranthene	<5.		ug/L
Benzo(g,h,i)perylene	<5.		ug/L
Benzo(a)pyrene	<5.		ug/L
Chrysene	<5.		ug/L
Dibenzo(a,h)anthracene	<5.		ug/L
Fluoranthene	<5.		ug/L
Fluorene	<5.		ug/L
Indeno(1,2,3-cd)pyrene	<5.		ug/L
Naphthalene	<5.		ug/L
Phenanthrene	<5.		ug/L
Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	47		% Rec
SURR: Nitrobenzene-d5	48		% Rec
SURR: Terphenyl-d14	94		% Rec

285288 MW-6
Taken: 11/20/1995 13:10

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<50	EDL	ug/L
Acenaphthylene	<50	EDL	ug/L
Anthracene	<50	EDL	ug/L
Benzo(a)anthracene	<50	EDL	ug/L
Benzo(b)fluoranthene	<50	EDL	ug/L
Benzo(k)fluoranthene	<50	EDL	ug/L
Benzo(g,h,i)perylene	<50	EDL	ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285288 MW-6
Taken: 11/20/1995 13:10

Benzo(a)pyrene	<50	EDL	ug/L
Chrysene	<50	EDL	ug/L
Dibenzo(a,h)anthracene	<50	EDL	ug/L
Fluoranthene	<50	EDL	ug/L
Fluorene	<50	EDL	ug/L
Indeno(1,2,3-cd)pyrene	<50	EDL	ug/L
Naphthalene	<50	EDL	ug/L
Phenanthrene	<50	EDL	ug/L
Pyrene	<50	EDL	ug/L
SURR: 2-Fluorobiphenyl	69		% Rec
SURR: Nitrobenzene-d5	50		% Rec
SURR: Terphenyl-d14	76		% Rec

285289 MW-5
Taken: 11/20/1995 14:30

BASE/NEUTRALS - 8270 AQUEOUS			
Acenaphthene	<5.		ug/L
Acenaphthylene	<5.		ug/L
Anthracene	<5.		ug/L
Benzo(a)anthracene	<5.		ug/L
Benzo(b)fluoranthene	<5.		ug/L
Benzo(k)fluoranthene	<5.		ug/L
Benzo(g,h,i)perylene	<5.		ug/L
Benzo(a)pyrene	<5.		ug/L
Chrysene	<5.		ug/L
Dibenzo(a,h)anthracene	<5.		ug/L
Fluoranthene	<5.		ug/L
Fluorene	<5.		ug/L
Indeno(1,2,3-cd)pyrene	<5.		ug/L
Naphthalene	<5.		ug/L
Phenanthrene	<5.		ug/L
Pyrene	<5.		ug/L
SURR: 2-Fluorobiphenyl	44		% Rec
SURR: Nitrobenzene-d5	48		% Rec
SURR: Terphenyl-d14	57		% Rec

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

11/29/1995
Job No.: 95.08800

Project Name: NNG-EUNICE STA.

Date Received: 11/22/1995

285290 MW-2
Taken: 11/20/1995 15:00

BASE/NEUTRALS - 8270 AQUEOUS		
Acenaphthene	<5.	ug/L
Acenaphthylene	<5.	ug/L
Anthracene	<5.	ug/L
Benzo(a)anthracene	<5.	ug/L
Benzo(b)fluoranthene	<5.	ug/L
Benzo(k)fluoranthene	<5.	ug/L
Benzo(g,h,i)perylene	<5.	ug/L
Benzo(a)pyrene	<5.	ug/L
Chrysene	<5.	ug/L
Dibenzo(a,h)anthracene	<5.	ug/L
Fluoranthene	<5.	ug/L
Fluorene	<5.	ug/L
Indeno(1,2,3-cd)pyrene	<5.	ug/L
Naphthalene	6.7	ug/L
Phenanthrene	<5.	ug/L
Pyrene	<5.	ug/L
SURR: 2-Fluorobiphenyl	45	% Rec
SURR: Nitrobenzene-d5	49	% Rec
SURR: Terphenyl-d14	108	% Rec

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

October 21, 1996

CERTIFIED MAIL
RETURN RECEIPT NO: P-269-269-206

Mr. Bill Kendrick
ENRON Operations Corp.
P.O. Box 1188
Houston, Texas 77251-1188

RE: EUNICE COMPRESSOR STATION

Dear Mr. Kendrick:

The New Mexico Oil Conservation Division (OCD) has reviewed ENRON's August 1, 1996 "SEMI-ANNUAL REPORT OF GROUNDWATER MONITORING ACTIVITIES, NORTHERN NATURAL GAS COMPANY EUNICE COMPRESSOR STATION, LEA COUNTY, NEW MEXICO". This document contains the results of a recent joint sampling event between ENRON and Texaco Exploration and Production, Inc.'s (TEPI) regarding ground water contamination related to TEPI's Eunice South Gas Plant and the ENRON Eunice Compressor Station.

Upon review of this document and TEPI's recent documents on the Eunice South Gas Plant, the OCD defers comment on the potential source of the free phase product in ENRON monitor well MW-3 until TEPI performs additional source investigation work at the adjacent former field oil pit at the Eunice South Gas Plant. In the interim, the OCD requires that ENRON continue monitoring ground water quality at their facility pursuant to the OCD's May 22, 1995 requirements and OCD's March 13, 1996 monitoring plan modification approval.

If you have any questions, please call me at (505) 827-7154.

Sincerely,

William C. Olson
Hydrogeologist
Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor
Wayne Price, OCD Hobbs Office
Rodney G. Bailey, Texaco Exploration and Production, Inc.

P 269 269 206

US Postal Service

Receipt for Certified Mail

No Insurance Coverage Provided.

Do not use for International Mail *(See reverse)*

Sent to	
Street & Number	
Post Office, State, & ZIP Code	
Postage	$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	$
Postmark or Date	

PS Form **3800**, April 1995

ENRON
Transwestern Pipeline Company

P. O. Box 1188 Houston, Texas 77251-1188 (713) 853-6161

August 1, 1996

Mr. William C. Olson
Environmental Bureau
New Mexico Oil Conservation Division
2040 S. Pacheco St.
Santa Fe, New Mexico 87505

RE: Semi-annual Report of Groundwater Monitoring Activities
Northern Natural Gas Company Eunice Compressor Station
Lea County, New Mexico

Dear Bill,

This report is submitted pursuant to the NMOCD's requirements for semi-annual reporting of groundwater monitoring activities at the subject facility and the NMOCD's request dated 4/22/96 for additional groundwater sampling activities.

If you have any questions or comments regarding this report, please contact me at (505) 625-8022 or George Robinson at (713) 646-7327.

Sincerely,

Bill Kendrick for

Larry Campbell
Division Environmental Specialist

sls/LC

cc w/attachments:

Wayne Price	NMOCD Hobbs District Office
Greg Moya	TW Operations/NNG Eunice Station
Lou Soldano	EOC Legal
George Robinson	Cypress Engineering Services

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station
Lea County, New Mexico

Submitted to:
New Mexico Oil Conservation Division

August 1, 1996

Prepared For:
Transwestern Pipeline Company
6381 North Main Street
Roswell, NM 88201

Prepared by:
Cypress Engineering Services, Inc.
16300 Katy Freeway, Suite 210
Houston, Texas 77094-1610

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company

Eunice Compressor Station

I. Groundwater Assessment & Monitoring Activities

Northern Natural Gas Company / Texaco USA, Joint Sampling Event

Transwestern Pipeline Company, as operator of the subject facility, completed a joint sampling event with Texaco on June 6, 1996.

Prior to sampling, the depth to water and the depth to hydrocarbon, where phase separated hydrocarbon (PSH) was present, was determined for each monitor well on both NNG and Texaco facility property. These measurements were jointly measured by NNG and Texaco. Table 1 presents a summary of groundwater and PSH surface elevation information.

Groundwater samples were collected concurrently from both facilities after water level readings were recorded. Groundwater samples were collected from six of the seven monitor wells located at the NNG facility. Monitor well MW-3 was not sampled due to the presence of 1.03 feet of PSH above groundwater measured in the monitor well casing. Groundwater samples were collected from all five monitor wells located at the Texaco facility. A sheen of PSH was detected on groundwater in the Texaco monitor well MW-2 well casing. Groundwater samples from each monitor well were delivered to a lab for analysis for volatile organic compounds (Method 8010/8020), TPH (Method 8015 modified, gasoline fraction), PAH's (Method 8100), TDS, major ions, and metals. A summary of results for organic compound analyses are presented in Table 2 and a summary of results for inorganic analyses are presented Table 3.

A survey was completed on June 13, 1996, to determine the relative location and the elevation (top of casing) of all groundwater monitor wells. The survey was completed by Piper Surveying Co. of Odessa, Texas. The groundwater surface elevation at each monitor well was subsequently determined based on the measured depth to groundwater and the survey elevation. This information is presented in Table 1. Water level measurements from prior sampling events have been modified to accommodate the more recently obtained elevations.

There were 35 gallons of purge water generated from the NNG facility monitor wells in the course of the June 6, 1996, sampling event. The purge water has been contained on-site in an approved DOT drum.

Results/Conclusions from Groundwater Sampling Event

Occurrence and Direction of Groundwater Flow

Table 1 includes a summary of groundwater surface elevation measurements obtained during prior sampling events. In addition, a water table elevation diagram based on measurements obtained during the June 6, 1996, sampling event is included as Figure 1. Based on the information presented in Figure 1, the apparent direction of groundwater flow is towards the south. However, because the apparent gradient is so slight ($\approx$ 0.0002 ft./ft), no attempt was made to draw equipotential lines on the diagram. This information is consistent with previous sampling events completed by NNG which have indicated a nearly flat water table beneath the facility.

Due to the relatively low groundwater elevation gradient at the site, it can reasonably be concluded that any past release of water to the subsurface via the former use of unlined surface impoundments, or other discharge to the ground, would have created a mounded condition at the water table. In the event that a large volume of water was released to the subsurface, the resulting mounded condition would have created a localized change in the regional

gradient (regional gradient is toward the southeast) such that the localized groundwater flow would emanate in all directions from the release site. As a result, water containing elevated concentrations of BTEX compounds and TDS could reasonably have migrated laterally to locations beneath the NNG site from any direction.

Lateral Extent of Phase Separated Hydrocarbon

The lateral extent of PSH is currently defined by the occurrence of PSH at the water table in monitor wells MW-3 (NNG) and MW-2 (Texaco) and the absence of PSH in all other monitor wells. The thickness of accumulated PSH in the monitor well MW-3 (NNG) and MW-2 (Texaco) well casings was measured at 1.03 ft. and <0.01 ft., respectively.

Condition of Affected Groundwater

The June 6, 1996, sample results are consistent with previous sample events which indicate high benzene concentrations and elevated TDS concentrations near the southern boundary of the facility. A BTEX distribution map for the June 6, 1996, sampling event is included as Figure 2. A TDS distribution map for the June 6, 1996, sampling event is included as Figure 3.

In regard to the NNG monitor wells, only the results for monitor well MW-5 indicate a trend of any sort with the benzene concentration increasing with each of the last four sample events.

In regard to the Texaco monitor wells, there is a significant trend of increasing concentrations of both organic and inorganic constituents. This is likely the combined result of monitor well installation methods and monitor well development activities.

During the course of the joint sampling event, George Robinson (CES) had the opportunity to discuss monitor well installation and development activities with personnel from Scarborough Drilling of Lamesa, Texas. Scarborough Drilling is the Texaco drilling contractor which installed and developed the five monitor wells at the Texaco facility. According to the drilling contractor, the monitor wells were drilled by the mud rotary method in order to keep the borehole open during drilling. Upon reaching total depth, fresh water was circulated in each borehole in an attempt to remove as much mud as possible prior to installing the monitor well screen and casing. The drilling contractor indicated that there is no estimate as to the volume of fresh water which may have been lost to the open borehole. Upon completion of each borehole, the drilling contractor indicated that each monitor well was developed by removing approximately 50 gallons of water. In the course of the June 6, 1996, sampling activities, an additional 30 gallons of purge water was removed from each of the five monitor wells at the Texaco facility. It is likely that the concentration of both organic and inorganic constituents will continue to increase with each subsequent sampling event until which time the effect of circulated fresh water lost to the borehole has been diminished.

Sample results appear to indicate that the concentration of dissolved metals in groundwater is greater in samples collected from the Texaco monitor wells than those collected from the NNG monitor wells. However, this inconsistency will most likely diminish as the Texaco monitor wells are more fully developed. Upon observation in the field, it was readily apparent that groundwater samples collected from the Texaco monitor wells were generally more turbid than samples collected from the NNG monitor wells. The containers used to collect samples for metals analysis contained HNO_3 as a preservative. As a result, naturally occurring metal constituents contained in the suspended sediment would have been leached into the aqueous sample matrix prior to analysis at the laboratory. Therefore, it is not surprising that the more turbid samples were reported to contain greater concentrations of naturally occurring metal constituents.

II. Potential Source of PSH and Affected Groundwater

Potential Source of PSH

The apparent source of PSH (and associated affected groundwater) in monitor wells MW-3 (NNG) and MW-2 (Texaco) was a former surface impoundment located in the area between MW-2 (Texaco) and the western boundary of the NNG facility. This location was determined based on a review of air photos of the site.

Soil samples were obtained from a soil boring drilled near to the former impoundment (soil boring BH-14 in Figure 2) in the course of NNG's October, 1991, assessment activities. Sample results from this soil boring indicate that significantly elevated levels of TPH extend from near the ground surface down to the depth of shallow groundwater. The former surface impoundment located in the area between MW-2 (Texaco) and the western boundary of the NNG facility is the most likely source of petroleum hydrocarbons in affected soil at this location. One or more layers of caliche occur near the ground surface, the most substantial at a depth of approximately 7 ft. bgs. The caliche layers have likely influenced the path for the lateral and downward migration of liquids released from the former impoundment.

Analysis of a hydrocarbon liquid sample collected from monitor well MW-3 indicates that the liquid is a relatively heavy hydrocarbon, such as a lube oil used in internal combustion engines or a lean oil used in gas processing. Based on the relatively high concentration of BTEX constituents measured in the sample, the sample is more likely representative of a lean oil (BTEX constituents are not normally found in detectable concentrations in waste lube oil). A copy of the liquid hydrocarbon sample analysis is attached with this report.

Potential Source of Affected Groundwater

The most likely source of affected groundwater in the vicinity of other monitor well locations is much less certain. However, based on what is known regarding the current and historic waste streams generated by the NNG facility, it is most unlikely that affected groundwater is the result of past NNG facility operations.

Since the initial date of operation of the NNG facility (1962), there have been primarily two liquid waste streams generated by the facility which contain petroleum hydrocarbons: 1) waste lube oil drained from internal combustion engines which power the natural gas compressors; and 2) condensate liquid which collects in the "inlet scrubber" located at the inlet for "residue gas" delivered from the Texaco gas plant.

Waste lube oil is the largest volume waste stream generated at the NNG facility which contains petroleum hydrocarbons. This waste stream is currently discharged to a waste oil AST located on-site. During prior years of operation, waste lube oil had inadvertently been discharged (or leaked) to the ground surface below the engine room floor and had accumulated in an area at the east end of the engine room. This accumulation of lube oil was addressed by soil assessment activities and corrective actions which were completed in 1993. Two important factors were determined in the course of the assessment and cleanup activities: 1) waste lube oil did not appreciably migrate below the near surface caliche layers due to its high viscosity and soil pore plugging characteristics; and 2) soil affected by waste lube oil did not contain detectable concentrations of benzene even though the soil samples which were analyzed contained significantly elevated levels of TPH. Furthermore, the potential for the accumulated lube oil to affect groundwater was addressed by assessment activities completed in 1994. In the course of these activities, monitor wells MW-6 and MW-7 were installed in the vicinity of the engine room. Analytical results for groundwater samples collected from these two monitor wells have consistently indicated BTEX constituents below NMWQCC standards.

Condensate liquid which collects in the inlet scrubber is discharged into the "pipeline liquids" AST. NNG personnel estimate that only 10 bbls. of condensate per year is generated from this scrubber. The condensate liquid consists of heavy end petroleum hydrocarbons with no appreciable amount of water. A copy of the analytical report for a capillary analysis of a sample collected from the pipeline liquids AST is attached. The analytical results indicate no detectable concentration of BTEX constituents. Furthermore, the results indicate that the condensate consists primarily (82.01 % by volume) of C29+ compounds. This is a considerably heavier fraction of hydrocarbon liquid than the sample of PSH collected from NNG monitor well MW-3. This result should not be surprising considering

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station

Figures

eunice/wtel0696.dwg

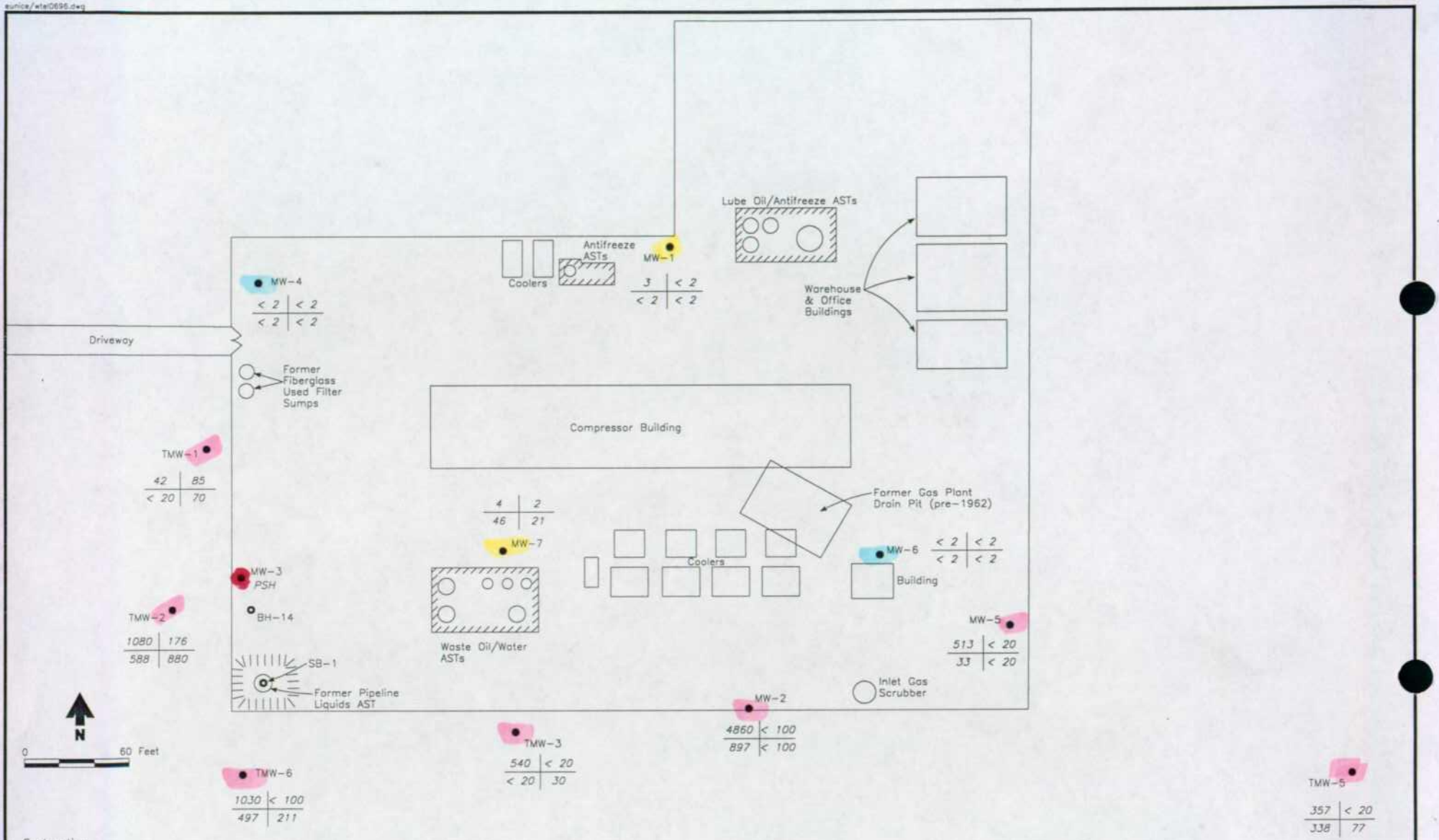
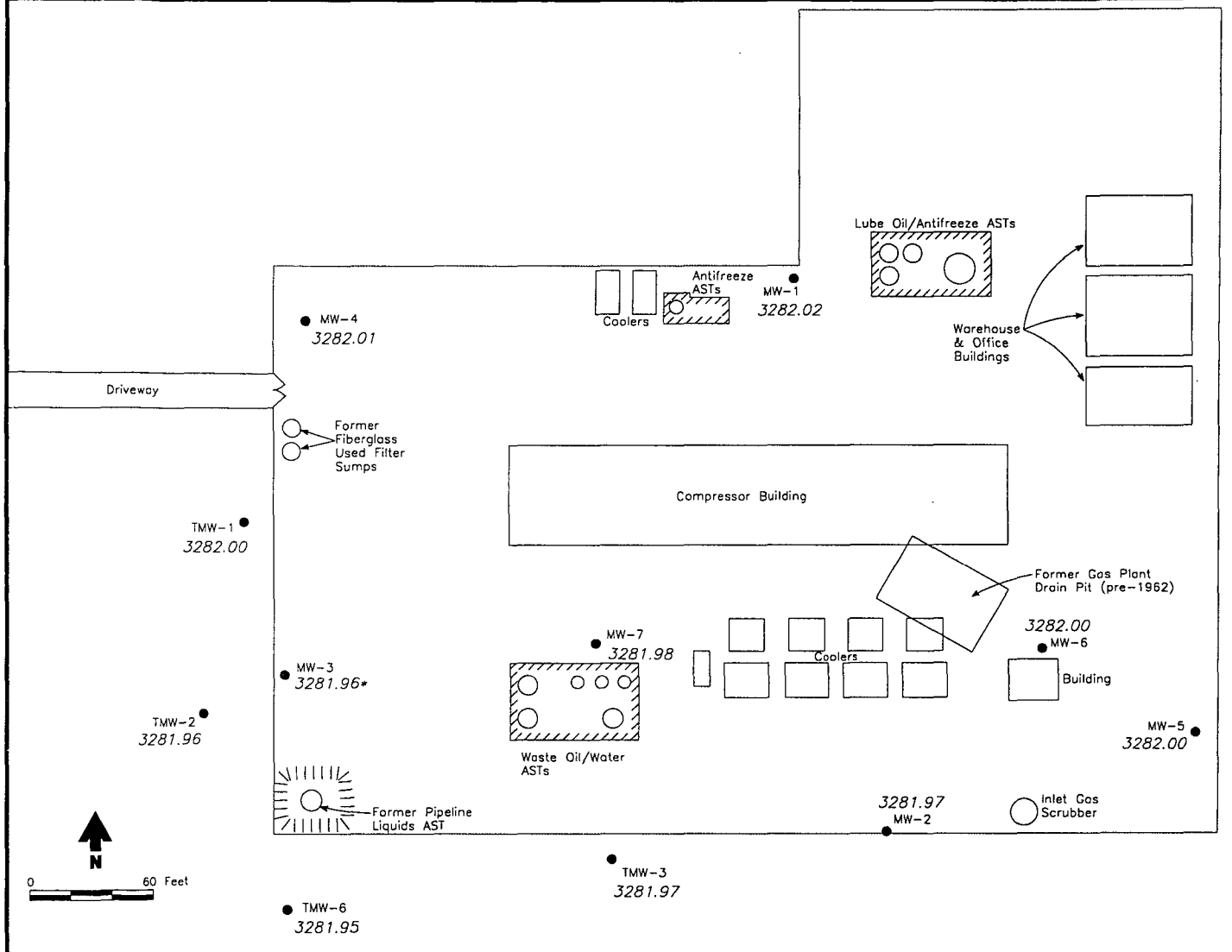


Figure 2

NNG EUNICE COMPRESSOR STATION
BTEX Distribution, June 1996

CYPRESS ENGINEERING SERVICES, INC.
07-96

eunice/wtel0696.dwg



Explanation

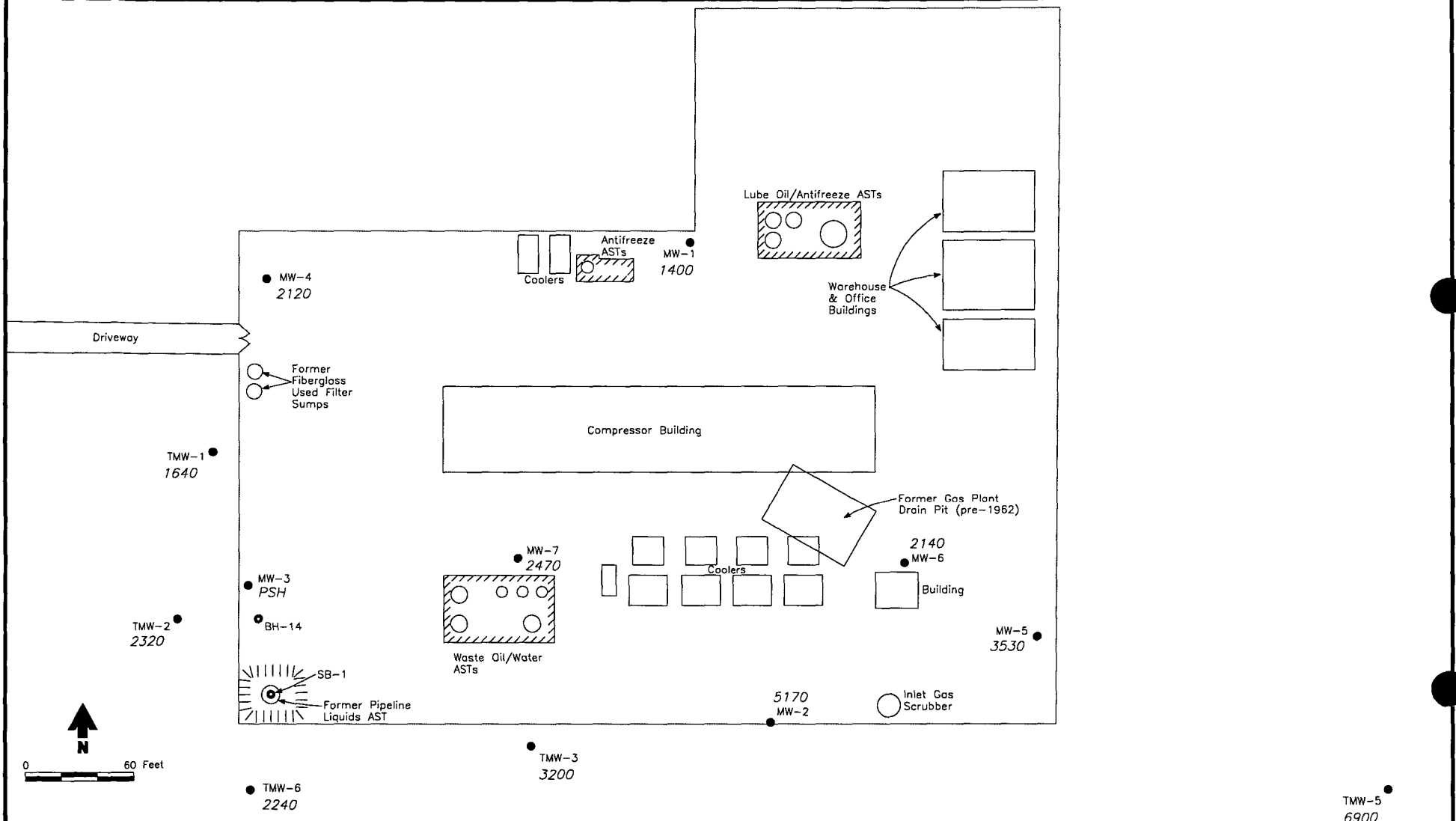
- Monitor Well
- Fence
- Containment Wall
- Water Level Contour (feet above mean sea level)
- Water Level (feet above mean sea level) (* corrected for phase-separated hydrocarbon thickness)

Figure 1

NNG EUNICE COMPRESSOR STATION
Water Table Elevations, June 1996

CYPRESS ENGINEERING SERVICES, INC.
07-96

eunice/wtel0696.dwg



Explanation

- Monitor Well
- Fence
- Containment Wall
- TDS Concentration, mg/L (* no sample due to phase-separated hydrocarbon)

Figure 3

NNG EUNICE COMPRESSOR STATION
TDS Distribution, June 1996

CYPRESS ENGINEERING SERVICES, INC.
07-96

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station

Tables

Table 1. Summary of Ground Water Surface Elevations
NNG Eunice Compressor Station

Well	Elevation (feet above msl)	Sampling Date 10/94			Sampling Date 8/95			Sampling Date 11/95			Sampling Date 12/95			Sampling Date 6/96		
		Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)	Depth to Hydrocarbon (HC) (ft)	Depth to Water or HC/Water Interface (ft)	Groundwater Surface Elevation (ft)
MW-1	3337.77	(a)	55.64	3282.13	(a)	55.86	3281.91	(a)	55.70	3282.07				(a)	55.75	3282.02
MW-2	3336.53	(a)	54.45	3282.08	(a)	54.68	3281.85	(a)	54.50	3282.03				(a)	54.56	3281.97
MW-3	3337.50	55.36	55.92	3282.06	55.46	56.43	3281.91	55.37	56.23	3282.01				55.40	56.43	3281.96
MW-4	3335.73	(a)	53.60	3282.13	(a)	53.80	3281.93	(a)	53.70	3282.03				(a)	53.72	3282.01
MW-5	3333.96	(a)	51.80	3282.16	(a)	52.09	3281.87	(a)	51.90	3282.06				(a)	51.96	3282.00
MW-6	3334.00	(a)	51.86	3282.14	(a)	52.12	3281.88	(a)	51.94	3282.06				(a)	52.00	3282.00
MW-7	3334.51	(a)	52.45	3282.06	(a)	52.63	3281.88	(a)	52.48	3282.03				(a)	52.53	3281.98
TMW-1	3337.70										(a)	56.32	3281.38	(a)	55.70	3282.00
TMW-2	3338.30										(a)	56.71	3281.59	56.34	56.34	3281.96
TMW-3	3336.67										(a)	55.95	3280.72	(a)	54.70	3281.97
TMW-5	3335.66										(a)	59.71	3275.95	(a)	53.70	3281.96
TMW-6	3335.36										(a)	55.62	3279.74	(a)	53.41	3281.95

NOTES:

(a) Not applicable since no measurable thickness of hydrocarbon is present

(b) Corrections to ground water surface elevation for presence of hydrocarbon is calculated assuming a specific gravity of 0.8625

Table 2. Summary of Ground Water Analyses - Organics
NNG Eunice Compressor Station

Well	Sampling Date	TPH - Gasoline Fraction, (ug/l, 8015M)	BTEX (ug/L)				Halogenated VOCs (ug/L)								PAH (ug/L)						
			Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	1,1,2-Trichloroethane	Chloroform	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Chrysene	Fluorene	Pyrene
NMWQCC Standard		none	10	750	750	620	none	none	none	10	none	none	~~100~~ 10	100	(c)	(c)	(c)	none	none	none	none
MW-1	10/91		3.2	1.8	1.1	(b)	2.3	2.9	< 1.0	< 1.0	(b)	1.9	1.3	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	4/93		< 5	< 5	< 5	(b)	< 10	< 10	< 5	< 5	(b)	< 5	< 5	< 5	< 10	(b)	(b)	< 10		< 10	< 10
	10/94		1.6	0.6	1.1	0.9	0.8	0.9	< 0.2	< 0.2	0.3	0.3	< 0.2	< 0.2	< 0.5	0.9	< 0.5	< 0.5		< 0.5	< 0.5
	8/95		< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5		< 5	< 5
	6/96	86	3	<2	<2	<2	1.2	0.9	<0.4	<0.4	<0.5	1.4	1	0.8	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-2	10/91		5200	< 50	1200	(b)	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	4/93		3800	< 5	1000	(b)	< 10	< 10	< 5	< 5	(b)	< 5	< 5	< 5	14	(b)	(b)	< 10		< 10	< 10
	10/94		6300	< 20	1300	< 20	< 8	< 8	< 8	< 8	< 8	< 8	< 8	< 8	6.3	1.7	2.3	< 0.5		0.9	< 0.5
	8/95		6100	< 20	1190	20	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		6100	< 5	150	18	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	6.7	(b)	(b)	<5		<5	<5
	6/96	13800	4860	<100	897	<100	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-3	4/93		2000	1700	640	(b)	< 40	< 40	< 5	< 5	(b)	< 5	< 5	< 5	40	(b)	(b)	< 40		< 40	< 40
	10/94		3000	1000	1200	2600	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	95	200	88	17		15	130
	8/95		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)
	11/95		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)		(a)	(a)
	6/96		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	<2.0	(a)	(a)
MW-4	10/94		< 0.5	< 0.5	< 0.5	< 0.5	< 0.2	0.5	0.4	0.4	< 0.2	0.7	0.4	< 0.2	< 0.5	< 0.5	0.5	1.1		< 0.5	< 0.5
	8/95		< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	37.2	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5		< 5	< 5
	6/96	<50	<2	<2	<2	<2	<0.4	1.1	1.1	0.6	<0.5	1.3	1.3	22	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-5	10/94		70	< 0.5	44	0.9	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.5	< 0.5	< 0.5	0.8		< 0.5	< 0.5
	8/95		140	< 2	38	12	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		450	< 5	46	15	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5		< 5	< 5
	6/96	10500	513	<20	33	<20	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
MW-6	10/94		0.7	< 0.5	< 0.5	< 0.5	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.5	< 0.5	< 0.5	0.7		< 0.5	< 0.5
	8/95		< 2	< 2	< 2	< 2	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		< 5	< 5	< 5	< 5	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 50	(b)	(b)	< 50		< 50	< 50
	6/96	141	<2	<2	<2	<2	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0

Table 2. Summary of Ground Water Analyses - Organics
NNG Eunice Compressor Station

Well	Sampling Date	TPH - Gasoline Fraction, (ug/l, 8015M)	BTEX (ug/L)				Halogenated VOCs (ug/L)								PAH (ug/L)						
			Benzene	Toluene	Ethylbenzene	Xylenes (total)	1,2-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	1,2-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	1,1,2-Trichloroethane	Chloroform	Naphthalene	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Chrysene	Fluorene	Pyrene
NMWQCC Standard		none	10	750	750	620	none	none	none	10	none	none	100	100	(c)	(c)	(c)	none	none	none	none
MW-7	10/94		8.1	< 0.5	42	99	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	0.7	0.9	1.9	0.6		< 0.5	< 0.5
	8/95		3	< 2	70	10	< 1.0	< 1.0	< 1.0	< 1.0	(b)	< 1.0	< 1.0	< 1.0	(d)	(d)	(d)	(d)		(d)	(d)
	11/95		< 5	< 5	65	10	(b)	(b)	< 5	< 5	(b)	< 5	< 5	< 5	< 5	(b)	(b)	< 5		< 5	< 5
	6/96	59800	4	2	46	21	<0.4	<0.4	0.6	<0.4	1.2	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TMW-1	12/95		<1.0	<1.0	<1.0	<1.0	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	<10.0	(d)	(d)	<18.0	(d)	<2.10	<2.70
	6/96	178	42	85	<20	70	<0.4	<0.4	1.3	<0.4	<0.5	<0.4	<1.0	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	12
TMW-2	12/95		58.9	24.6	9.5	53	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	<10.0	(d)	(d)	<18.0	(d)	<2.10	<2.70
	6/96	10600	1080	176	588	880	<0.4	<0.4	0.8	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	270	93	190	120
TMW-3	12/95		48.3	<1.0	18.3	4.5	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	<10.0	(d)	(d)	<18.0	(d)	<2.10	<2.70
	6/96	6150	540	<20	<20	30	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TMW-5	12/95		106	16.1	99.8	136	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	<10.5	(d)	(d)	<18.0	(d)	<2.21	<2.84
	6/96	5140	357	<20	338	77	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TMW-6	12/95		15.4	1.3	15.6	29.2	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	<10.0	(d)	(d)	<18.0	(d)	<2.10	<2.70
	6/96	27800	1030	<100	497	211	<0.4	<0.4	<0.4	<0.4	<0.5	<0.4	<1	<0.4	<2.0	<2.0	<2.0	<2.0	7.9	<2.0	<2.0

NOTES:

(a) No sample collected due to presence of phase separated hydrocarbon

(b) Result not available because this compound was not reported by the laboratory

(c) NMWQCC standard is 30 ug/L for total naphthalene, which includes naphthalene, 1-methylnaphthalene, & 2-methylnaphthalene

(d) An analysis for this constituent was not run on samples collected during this sample event

Table 3. Summary of Ground Water Analyses - Inorganics
NNG Eunice Compressor Station

Well	Sampling Date	Major Ions (mg/L)								Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Aluminum	Boron	Molybdenum	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.2	5.0	0.75	1.0	10
MW-1	10/91	(d)	(d)	(d)	(d)	190	9.9	4.24	320	(d)	**1.48**	(d)	< 0.02	(d)	**70**	< 0.10	**0.63**				0.01
	4/93	**1700**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.078	**1.3**	< 0.005	0.03	(d)	(d)	< 0.05	(d)				(d)
	10/94	**1700**	**750**	< 5	< 0.06	133	119	3.1	346	0.039	**1.52**	< 0.0005	< 0.01	< 0.01	**2.26**	< 0.002	0.058				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	**1440**	**470**	120	7.5	240	92.3	4.17	244	0.09	0.68	< 0.01	0.03	0.02	**15**	< 0.03	0.11				0.08
	6/96	**1400**	**380**	131	<0.05	280	91	4.05	275	**0.11**	0.99	<0.01	0.03	<0.01	**19.6**	<0.03	0.15	4.81	**1.91**	<0.01	<0.03
MW-2	10/91	(d)	(d)	(d)	(d)	230	10.0	11.2	2500	(d)	**2.45**	(d)	< 0.02	(d)	**3.91**	**0.23**	**0.23**				0.02
	4/93	**6200**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.04	**1.6**	< 0.005	0.03	(d)	(d)	< 0.05	(d)				(d)
	10/94	**5900**	**3000**	20	< 0.06	96.2	98.2	5.8	2120	0.029	**1.33**	0.0011	< 0.01	< 0.01	0.345	< 0.002	**0.262**				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	**5350**	**3100**	10.5	**18.8**	97.2	84.2	6.05	1414	< 0.03	**1.32**	< 0.01	< 0.01	< 0.01	**11.6**	< 0.03	**0.26**				< 0.03
	6/96	**5170**	**2700**	68	<0.05	124	108	7.01	1540	0.05	**1.09**	<0.01	<0.01	<0.01	**10.7**	<0.03	**0.27**	1.00	**1.66**	<0.01	< 0.03
MW-3	4/93	**2200**	(d)	(d)	(d)	(d)	(d)	(d)	(d)	0.027	**2.2**	< 0.005	0.01	(d)	(d)	< 0.05	(d)				(d)
	10/94	**2800**	**620**	20	< 0.06	77.2	42.1	4.8	100	0.027	**5.01**	< 0.0005	< 0.01	< 0.01	**16.9**	0.003	**1.48**				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	6/96	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)
MW-4	10/94	**2000**	**940**	< 5	< 0.06	89.9	68.8	6.5	626	0.015	0.445	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	**0.206**				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	**1980**	**840**	< 5	7.2	142	62.3	6.15	489	< 0.03	0.77	< 0.01	< 0.01	0.04	**1.56**	< 0.03	0.18				0.05
	6/96	**2120**	**900**	<5	<0.05	184	65.1	6.13	554	0.04	0.72	<0.01	< 0.01	<0.01	**1.58**	< 0.03	**0.21**	2.57	**1.8**	<0.01	<0.03
MW-5	10/94	**4700**	**2400**	9	0.08	16.1	29.7	20.1	1840	0.027	0.934	< 0.0005	< 0.01	< 0.01	0.047	< 0.002	0.02				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	**3430**	**1650**	88.1	**13.4**	45.9	29.4	11	1055	0.03	0.86	< 0.01	< 0.01	< 0.01	**2.32**	< 0.03	0.12				< 0.03
	6/96	**3530**	**1700**	73.9	0.07	61.8	29.4	11.5	1150	0.05	0.83	<0.01	<0.01	<0.01	**2.83**	<0.03	0.13	1.67	**1.04**	0.05	< 0.03
MW-6	10/94	**4000**	**2100**	< 5	< 0.06	54.6	59.8	12.2	1560	0.017	0.997	0.0012	< 0.01	< 0.01	< 0.02	< 0.002	0.065				< 0.02
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	**1500**	**415**	< 5	7.7	58.1	45.1	6.41	353	< 0.03	0.51	< 0.01	< 0.01	< 0.01	**1.59**	< 0.03	0.14				< 0.03
	6/96	**2140**	**850**	17.5	0.06	65.9	48	7.05	523	<0.03	0.69	<0.01	<0.01	<0.01	**1.58**	<0.03	0.16	1.19	**1.26**	0.04	<0.03
MW-7	10/94	**4000**	**2100**	< 5	< 0.06	129	162	8.5	1130	0.012	**9.72**	< 0.0005	< 0.01	< 0.01	< 0.02	< 0.002	0.1				< 0.02

8/1/96

Table 3. Summary of Ground Water Analyses - Inorganics
NNG Eunice Compressor Station

Well	Sampling Date	Major Ions (mg/L)								Metals (mg/L)											
		TDS	Chloride	Sulfate	NO_2/NO_3 - N, total	Calcium	Magnesium	Potassium	Sodium	Arsenic	Barium	Cadmium	Chromium	Copper	Iron	Lead	Manganese	Aluminum	Boron	Molybdenum	Zinc
NMWQCC Standard		1000	250	600	10	none	none	none	none	0.1	1.0	0.01	0.05	1.0	1.0	0.05	0.2	5.0	0.75	1.0	10
	8/95	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)	(d)				(d)
	11/95	2200	1300	11	21.1	102	71.1	5.29	525	< 0.03	1.96	< 0.01	< 0.01	0.01	4.33	< 0.03	0.22				< 0.03
	6/96	2470	1300	<5.0	<0.05	102	96.6	5.07	654	0.07	5.88	<0.01	<0.01	<0.01	5.13	<0.03	0.16	1.54	1.88	0.02	<0.03
TMW-1	12/95	1800	650	200	(d)	213	57.3	16.2	525	0.022	0.35	<0.01	<0.02	0.023	5.35	<0.01	0.218	5.11	0.81	<0.03	0.84
	6/96	1640	700	24.3	<0.05	134	59.1	6.28	345	0.04	0.49	<0.01	<0.01	<0.01	1.22	<0.03	0.28	1.3	1.57	<0.01	0.21
TMW-2	12/95	1450	545	210	(d)	210	58	21.1	501	0.027	0.81	<0.01	<0.02	0.038	8.63	<0.01	0.214	4.59	0.67	<0.03	0.107
	6/96	2320	1050	15.2	<0.05	167	98.4	7.09	530	0.03	2.03	<0.01	<0.01	<0.01	3.56	<0.03	0.34	2.18	1.26	<0.01	0.07
TMW-3	12/95	1670	685	248	(d)	255	46.3	22.3	709	0.029	1.14	<0.01	0.025	0.03	17	<0.1	0.364	7.26	0.75	<0.03	0.145
	6/96	3200	1525	64.9	0.05	234	36.3	6.98	1070	0.04	1.71	<0.01	0.01	<0.01	5.55	<0.03	0.26	5.74	1.48	0.02	0.21
TMW-5	12/95	3370	1800	195	(d)	159	40	62.2	1130	0.078	0.46	<0.01	<0.02	0.037	10.2	<0.05	0.256	7.76	1.08	0.066	0.244
	6/96	6900	3900	34.1	0.27	180	39.6	39.3	2490	0.07	1.27	<0.01	0.02	<0.01	9.33	<0.03	0.3	8.02	1.8	0.05	0.28
TMW-6	12/95	1840	700	212	(d)	446	68.8	21.4	317	0.323	1.38	<0.01	0.032	0.059	19.7	0.021	0.391	12.3	0.69	<0.03	0.185
	6/96	2240	875	40.5	<0.05	268	66.8	6.95	569	0.07	1.65	<0.01	0.01	<0.01	5.54	<0.03	0.28	4.38	1.00	<0.01	0.25

NOTES:

(a) No sample collected due to presence of phase separated hydrocarbon

(b) Result not available because this compound was not reported by the laboratory

(c) NMWQCC standard is 30 ug/L for total naphthalene, which includes naphthalene, 1-methylnaphthalene, & 2-methylnaphthalene

(d) An analysis for this constituent was not run on samples collected during this sample event

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station

Attachment #1

Lab Reports for the June 1996 Groundwater Sampling Event

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-3969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996

NET Job Number: 96.04566

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
309162	TEX - 1	06/06/1996	06/08/1996
309163	TEX - 2	06/06/1996	06/08/1996
309164	TEX - 3	06/06/1996	06/08/1996
309165	TEX - 5	06/06/1996	06/08/1996
309166	TEX - 6	06/06/1996	06/08/1996

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309162 TEX - 1
Taken: 06/06/1996 10:30

Aluminum	1.30	mg/L
Arsenic	0.04	mg/L
Barium	0.49	mg/L
Boron, ICP	1.57	mg/L
Cadmium	<0.01	mg/L
Calcium	134	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	1.22	mg/L
Lead	<0.03	mg/L
Magnesium	59.1	mg/L
Manganese	0.28	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	<0.01	mg/L
Nickel	<0.03	mg/L
Potassium	6.28	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	345	mg/L
Zinc	0.21	mg/L
EPA-8020 AQ		
Benzene	42	ug/L
Ethylbenzene	<20	ug/L
Toluene	85	ug/L
Xylenes, Total	70	ug/L
SURR: a,a,a-TFT	95	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<0.40	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	<0.40	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309162 TEX - 1
Taken: 06/06/1996 10:30

Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L
1,2-Dichlorobenzene	<0.40	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	<0.40	ug/L
Dichlorodifluoromethane	<1.0	ug/L
1,1-Dichloroethane	1.3	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	178	ug/L

309163 TEX - 2
Taken: 06/06/1996 11:20

Aluminum	2.18	mg/L
Arsenic	0.03	mg/L
Barium	2.03	mg/L
Boron, ICP	1.26	mg/L
Cadmium	<0.01	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309163 TEX - 2
Taken: 06/06/1996 11:20

Calcium	167	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	3.56	mg/L
Lead	<0.03	mg/L
Magnesium	98.4	mg/L
Manganese	0.34	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	<0.01	mg/L
Nickel	<0.03	mg/L
Potassium	7.09	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	530	mg/L
Zinc	0.07	mg/L
EPA-8020 AQ		
Benzene	1080	ug/L
Ethylbenzene	588	ug/L
Toluene	176	ug/L
Xylenes, Total	880	ug/L
SURR: a,a,a-TFT	99	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<0.40	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	<0.40	ug/L
Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309163 TEX - 2
Taken: 06/06/1996 11:20

	1,2-Dichlorobenzene	<0.40	ug/L
	1,3-Dichlorobenzene	<0.40	ug/L
	1,4-Dichlorobenzene	<0.40	ug/L
	Dichlorodifluoromethane	<1.0	ug/L
	1,1-Dichloroethane	0.8	ug/L
	1,2-Dichloroethane	<0.40	ug/L
	1,1-Dichloroethene	<0.40	ug/L
	cis-1,2-Dichloroethene	<0.50	ug/L
	trans-1,2-Dichloroethene	<0.40	ug/L
	1,2-Dichloropropane	<0.40	ug/L
	cis-1,3-Dichloropropene	<0.40	ug/L
	trans-1,3-Dichloropropene	<0.40	ug/L
	Methylene chloride	<10	ug/L
	1,1,2,2-Tetrachloroethane	<0.40	ug/L
	Tetrachloroethene	<0.40	ug/L
	1,1,1-Trichloroethane	<0.40	ug/L
	1,1,2-Trichloroethane	<1.0	ug/L
	Trichloroethene	<0.40	ug/L
	Trichlorofluoromethane	<0.40	ug/L
	Vinyl Chloride	<0.40	ug/L
	TPH California Method-Aqueous		
	TPH as Gasoline	10600	ug/L

309164 TEX - 3
Taken: 06/06/1996 15:10

	Aluminum	5.74	mg/L
	Arsenic	0.04	mg/L
	Barium	1.71	mg/L
	Boron, ICP	1.48	mg/L
	Cadmium	<0.01	mg/L
	Calcium	234	mg/L
	Chromium	0.01	mg/L
	Cobalt	<0.01	mg/L
	Copper	<0.01	mg/L
	Iron	5.55	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309164 TEX - 3
Taken: 06/06/1996 15:10

Lead	<0.03		mg/L
Magnesium	36.3		mg/L
Manganese	0.26		mg/L
Mercury, CVAA	<0.0002		mg/L
Molybdenum	0.02		mg/L
Nickel	<0.03		mg/L
Potassium	6.98		mg/L
Selenium	<0.04		mg/L
Silver	<0.01		mg/L
Sodium	1070		mg/L
Zinc	0.21		mg/L
EPA-8020 AQ			
Benzene	540		ug/L
Ethylbenzene	<20	EDL	ug/L
Toluene	<20	EDL	ug/L
Xylenes, Total	30		ug/L
SURR: a,a,a-TFT	88		% Rec
VOLATILES-8010 AQ(PRESERVED)			
Bromodichloromethane	<0.40		ug/L
Bromoform	<0.40		ug/L
Bromomethane	<0.40		ug/L
Carbon tetrachloride	<0.40		ug/L
Chlorobenzene	<0.40		ug/L
Chloroethane	<0.40		ug/L
2-Chloroethylvinyl ether	<1.0		ug/L
Chloroform	<0.40		ug/L
Chloromethane	<0.40		ug/L
Dibromochloromethane	<0.40		ug/L
1,2-Dichlorobenzene	<0.40		ug/L
1,3-Dichlorobenzene	<0.40		ug/L
1,4-Dichlorobenzene	<0.40		ug/L
Dichlorodifluoromethane	<1.0		ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309164 TEX - 3
Taken: 06/06/1996 15:10

1,1-Dichloroethane	<0.40	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	6150	ug/L

309165 TEX - 5
Taken: 06/06/1996 16:30

Aluminum	8.02	mg/L
Arsenic	0.07	mg/L
Barium	1.27	mg/L
Boron, ICP	1.80	mg/L
Cadmium	<0.01	mg/L
Calcium	180	mg/L
Chromium	0.02	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	9.33	mg/L
Lead	<0.03	mg/L
Magnesium	39.6	mg/L
Manganese	0.30	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	0.05	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309165 TEX - 5
Taken: 06/06/1996 16:30

Nickel	<0.03		mg/L
Potassium	39.3		mg/L
Selenium	<0.04		mg/L
Silver	<0.01		mg/L
Sodium	2490		mg/L
Zinc	0.28		mg/L
EPA-8020 AQ			
Benzene	357		ug/L
Ethylbenzene	338		ug/L
Toluene	<20	EDL	ug/L
Xylenes, Total	77		ug/L
SURR: a,a,a-TFT	88		% Rec
VOLATILES-8010 AQ(PRESERVED)			
Bromodichloromethane	<0.40		ug/L
Bromoform	<0.40		ug/L
Bromomethane	<0.40		ug/L
Carbon tetrachloride	<0.40		ug/L
Chlorobenzene	<0.40		ug/L
Chloroethane	<0.40		ug/L
2-Chloroethylvinyl ether	<1.0		ug/L
Chloroform	<0.40		ug/L
Chloromethane	<0.40		ug/L
Dibromochloromethane	<0.40		ug/L
1,2-Dichlorobenzene	<0.40		ug/L
1,3-Dichlorobenzene	<0.40		ug/L
1,4-Dichlorobenzene	<0.40		ug/L
Dichlorodifluoromethane	<1.0		ug/L
1,1-Dichloroethane	<0.40		ug/L
1,2-Dichloroethane	<0.40		ug/L
1,1-Dichloroethene	<0.40		ug/L
cis-1,2-Dichloroethene	<0.50		ug/L
trans-1,2-Dichloroethene	<0.40		ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309165 TEX - 5
Taken: 06/06/1996 16:30

•	1,2-Dichloropropane	<0.40	ug/L
	cis-1,3-Dichloropropene	<0.40	ug/L
	trans-1,3-Dichloropropene	<0.40	ug/L
	Methylene chloride	<10	ug/L
	1,1,2,2-Tetrachloroethane	<0.40	ug/L
	Tetrachloroethene	<0.40	ug/L
	1,1,1-Trichloroethane	<0.40	ug/L
•	1,1,2-Trichloroethane	<1.0	ug/L
	Trichloroethene	<0.40	ug/L
	Trichlorofluoromethane	<0.40	ug/L
	Vinyl Chloride	<0.40	ug/L
	TPH California Method-Aqueous		
•	TPH as Gasoline	5140	ug/L

309166 TEX - 6
Taken: 06/06/1996 13:55

	Aluminum	4.38	mg/L
•	Arsenic	0.07	mg/L
•	Barium	1.65	mg/L
	Boron, ICP	1.00	mg/L
•	Cadmium	<0.01	mg/L
	Calcium	268	mg/L
•	Chromium	0.01	mg/L
	Cobalt	<0.01	mg/L
•	Copper	<0.01	mg/L
•	Iron	5.54	mg/L
•	Lead	<0.03	mg/L
•	Magnesium	66.8	mg/L
	Manganese	0.28	mg/L
•	Mercury, CVAA	<0.0002	mg/L
	Molybdenum	<0.01	mg/L
	Nickel	<0.03	mg/L
	Potassium	6.95	mg/L
•	Selenium	<0.04	mg/L
•	Silver	<0.01	mg/L
	Sodium	569	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309166 TEX - 6
Taken: 06/06/1996 13:55

Zinc	0.25		mg/L
EPA-8020 AQ			
Benzene	1030		ug/L
Ethylbenzene	497		ug/L
Toluene	<100	EDL	ug/L
Xylenes, Total	211		ug/L
SURR: a,a,a-TFT	91		% Rec
VOLATILES-8010 AQ(PRESERVED)			
Bromodichloromethane	<0.40		ug/L
Bromoform	<0.40		ug/L
Bromomethane	<0.40		ug/L
Carbon tetrachloride	<0.40		ug/L
Chlorobenzene	<0.40		ug/L
Chloroethane	<0.40		ug/L
2-Chloroethylvinyl ether	<1.0		ug/L
Chloroform	<0.40		ug/L
Chloromethane	<0.40		ug/L
Dibromochloromethane	<0.40		ug/L
1,2-Dichlorobenzene	<0.40		ug/L
1,3-Dichlorobenzene	<0.40		ug/L
1,4-Dichlorobenzene	<0.40		ug/L
Dichlorodifluoromethane	<1.0		ug/L
1,1-Dichloroethane	<0.40		ug/L
1,2-Dichloroethane	<0.40		ug/L
1,1-Dichloroethene	<0.40		ug/L
cis-1,2-Dichloroethene	<0.50		ug/L
trans-1,2-Dichloroethene	<0.40		ug/L
1,2-Dichloropropane	<0.40		ug/L
cis-1,3-Dichloropropene	<0.40		ug/L
trans-1,3-Dichloropropene	<0.40		ug/L
Methylene chloride	<10		ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04566

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309166 TEX - 6
Taken: 06/06/1996 13:55

1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	27800	ug/L

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Aluminum	des	06/13/1996	S-6010A	1.04	1.00	104	NA
Arsenic	des	06/13/1996	S-6010A	1.01	1.00	101	NA
Barium	des	06/13/1996	S-6010A	0.97	1.00	97	NA
Boron, ICP	des	06/17/1996	S-6010A	1.06	1.00	106	NA
Cadmium	des	06/13/1996	S-6010A	0.99	1.00	99	NA
Calcium	des	06/13/1996	S-6010A	10.6	11.0	96	NA
Chromium	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Cobalt	des	06/17/1996	S-6010A	1.01	1.00	101	NA
Copper	des	06/13/1996	S-6010A	0.96	1.00	96	NA
Iron	des	06/13/1996	S-6010A	0.99	1.00	99	NA
Lead	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Magnesium	des	06/13/1996	S-6010A	9.82	10.0	98	NA
Manganese	des	06/17/1996	S-6010A	0.99	1.00	99	NA
Mercury, CVAA	jmd	06/12/1996	S-7470A	0.48	0.50	96	NA
Molybdenum	des	06/17/1996	S-6010A	1.02	1.00	102	NA
Nickel	des	06/13/1996	S-6010A	1.00	1.00	100	NA
Potassium	des	06/13/1996	S-6010A	9.95	10.0	100	NA
Selenium	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Silver	des	06/13/1996	S-6010A	0.97	1.00	97	NA
Sodium	des	06/13/1996	S-6010A	9.96	10.0	100	NA
Zinc	des	06/13/1996	S-6010A	0.98	1.00	98	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Benzene	cgd	06/12/1996	S-8020M	19	20	95	NA
Ethylbenzene	cgd	06/12/1996	S-8020M	20	20	100	NA
Toluene	cgd	06/12/1996	S-8020M	20	20	100	NA
Xylenes, Total	cgd	06/12/1996	S-8020M	58	60	97	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/13/1996	S-8020M	21	20	105	NA
Ethylbenzene	bdb	06/13/1996	S-8020M	23	20	115	NA
Toluene	bdb	06/13/1996	S-8020M	21	20	105	NA
Xylenes, Total	bdb	06/13/1996	S-8020M	69	60	115	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	jar	06/17/1996	S-8020M	18	20	90	NA
Ethylbenzene	jar	06/17/1996	S-8020M	20	20	100	NA
Toluene	jar	06/17/1996	S-8020M	19	20	95	NA
Xylenes, Total	jar	06/17/1996	S-8020M	61	60	102	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	jar	06/18/1996	S-8020M	17	20	85	NA
Ethylbenzene	jar	06/18/1996	S-8020M	18	20	90	NA
Toluene	jar	06/18/1996	S-8020M	17	20	85	NA
Xylenes, Total	jar	06/18/1996	S-8020M	53	60	88	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/18/1996	S-8020M	17	20	85	NA
Ethylbenzene	bdb	06/18/1996	S-8020M	18	20	90	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Toluene	bdb	06/18/1996	S-8020M	17	20	85	NA
Xylenes, Total	bdb	06/18/1996	S-8020M	53	60	88	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/19/1996	S-8020M	18	20	90	NA
Ethylbenzene	bdb	06/19/1996	S-8020M	21	20	105	NA
Toluene	bdb	06/19/1996	S-8020M	18	20	90	NA
Xylenes, Total	bdb	06/19/1996	S-8020M	62	60	103	NA
VOLATILES-8010 AQ(PRESERVED)			S-8010				
Benzyl chloride	out	06/17/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroethoxy)methane	out	06/17/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroisopropyl)ether	out	06/17/1996	S-8010	na	1.0	NA	NA
Bromobenzene	out	06/17/1996	S-8010	na	1.0	NA	NA
Bromodichloromethane	out	06/17/1996	S-8010	13.4	12.0	112	NA
Bromoform	out	06/17/1996	S-8010	12.2	12.0	102	NA
Bromomethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
Carbon tetrachloride	out	06/17/1996	S-8010	13.4	12.0	112	NA
Chlorobenzene	out	06/17/1996	S-8010	12.4	12.0	103	NA
Chloroethane	out	06/17/1996	S-8010	11.2	12.0	93	NA
2-Chloroethylvinyl ether	out	06/17/1996	S-8010	11.7	12.0	98	NA
Chloroform	out	06/17/1996	S-8010	13.0	12.0	108	NA
1-Chlorohexane	out	06/17/1996	S-8010	na	12.0	NA	NA
Chloromethane	out	06/17/1996	S-8010	11.2	12.0	93	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Chloromethyl methyl ether	out	06/17/1996	S-8010	na	12.0	NA	NA
4-Chlorotoluene	out	06/17/1996	S-8010	na	12.0	NA	NA
Dibromochloromethane	out	06/17/1996	S-8010	12.5	12.0	104	NA
Dibromomethane	out	06/17/1996	S-8010	na	12.0	NA	NA
1,2-Dichlorobenzene	out	06/17/1996	S-8010	11.7	12.0	98	NA
1,3-Dichlorobenzene	out	06/17/1996	S-8010	12.8	12.0	107	NA
1,4-Dichlorobenzene	out	06/17/1996	S-8010	11.4	12.0	95	NA
Dichlorodifluoromethane	out	06/17/1996	S-8010	11.0	12.0	92	NA
1,1-Dichloroethane	out	06/17/1996	S-8010	12.8	12.0	107	NA
1,2-Dichloroethane	out	06/17/1996	S-8010	12.7	12.0	106	NA
1,1-Dichloroethene	out	06/17/1996	S-8010	11.9	12.0	99	NA
cis-1,2-Dichloroethene	out	06/17/1996	S-8010	12.7	12.0	106	NA
trans-1,2-Dichloroethene	out	06/17/1996	S-8010	13.5	12.0	113	NA
Dichloromethane	out	06/17/1996	S-8010	na	12.0	NA	NA
1,2-Dichloropropane	out	06/17/1996	S-8010	13.6	12.0	113	NA
cis-1,3-Dichloropropene	out	06/17/1996	S-8010	11.8	12.0	98	NA
trans-1,3-Dichloropropene	out	06/17/1996	S-8010	10.9	12.0	91	NA
Methylene chloride	out	06/17/1996	S-8010	11.4	12.0	95	NA
1,1,2,2-Tetrachloroethane	out	06/17/1996	S-8010	13.0	12.0	108	NA
1,1,1,2-Tetrachloroethane	out	06/17/1996	S-8010	na	12.0	NA	NA
Tetrachloroethene	out	06/17/1996	S-8010	12.5	12.0	104	NA
1,1,1-Trichloroethane	out	06/17/1996	S-8010	11.6	12.0	97	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

NET®

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
1,1,2-Trichloroethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
Trichloroethene	out	06/17/1996	S-8010	11.5	12.0	96	NA
Trichlorofluoromethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
1,2,3-Trichloropropane	out	06/17/1996	S-8010	na	12.0	NA	NA
Vinyl Chloride	out	06/17/1996	S-8010	11.7	12.0	98	NA
VOLATILES-8010 AQ(PRESERVED)			S-8010				
Benzyl chloride	out	06/19/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroethoxy)methane	out	06/19/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroisopropyl)ether	out	06/19/1996	S-8010	na	1.0	NA	NA
Bromobenzene	out	06/19/1996	S-8010	na	1.0	NA	NA
Bromodichloromethane	out	06/19/1996	S-8010	13.4	12.0	112	NA
Bromoform	out	06/19/1996	S-8010	12.4	12.0	103	NA
Bromomethane	out	06/19/1996	S-8010	10.4	12.0	87	NA
Carbon tetrachloride	out	06/19/1996	S-8010	13.8	12.0	115	NA
Chlorobenzene	out	06/19/1996	S-8010	12.7	12.0	106	NA
Chloroethane	out	06/19/1996	S-8010	11.0	12.0	92	NA
2-Chloroethylvinyl ether	out	06/19/1996	S-8010	13.3	12.0	111	NA
Chloroform	out	06/19/1996	S-8010	13.7	12.0	114	NA
1-Chlorohexane	out	06/19/1996	S-8010	na	12.0	NA	NA
Chloromethane	out	06/19/1996	S-8010	10.3	12.0	86	NA
Chloromethyl methyl ether	out	06/19/1996	S-8010	na	12.0	NA	NA
4-Chlorotoluene	out	06/19/1996	S-8010	na	12.0	NA	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Dibromochloromethane	out	06/19/1996	S-8010	12.3	12.0	103	NA
Dibromomethane	out	06/19/1996	S-8010	na	12.0	NA	NA
1,2-Dichlorobenzene	out	06/19/1996	S-8010	11.9	12.0	99	NA
1,3-Dichlorobenzene	out	06/19/1996	S-8010	13.4	12.0	112	NA
1,4-Dichlorobenzene	out	06/19/1996	S-8010	12.1	12.0	101	NA
Dichlorodifluoromethane	out	06/19/1996	S-8010	10.8	12.0	90	NA
1,1-Dichloroethane	out	06/19/1996	S-8010	12.2	12.0	102	NA
1,2-Dichloroethane	out	06/19/1996	S-8010	12.9	12.0	108	NA
1,1-Dichloroethene	out	06/19/1996	S-8010	12.0	12.0	100	NA
cis-1,2-Dichloroethene	out	06/19/1996	S-8010	13.3	12.0	111	NA
trans-1,2-Dichloroethene	out	06/19/1996	S-8010	13.2	12.0	110	NA
Dichloromethane	out	06/19/1996	S-8010	na	12.0	NA	NA
1,2-Dichloropropane	out	06/19/1996	S-8010	13.2	12.0	110	NA
cis-1,3-Dichloropropene	out	06/19/1996	S-8010	13.1	12.0	109	NA
trans-1,3-Dichloropropene	out	06/19/1996	S-8010	13.2	12.0	110	NA
Methylene chloride	out	06/19/1996	S-8010	11.1	12.0	93	NA
1,1,2,2-Tetrachloroethane	out	06/19/1996	S-8010	13.0	12.0	108	NA
1,1,1,2-Tetrachloroethane	out	06/19/1996	S-8010	na	12.0	NA	NA
Tetrachloroethene	out	06/19/1996	S-8010	12.2	12.0	102	NA
1,1,1-Trichloroethane	out	06/19/1996	S-8010	13.2	12.0	110	NA
1,1,2-Trichloroethane	out	06/19/1996	S-8010	11.6	12.0	97	NA
Trichloroethene	out	06/19/1996	S-8010	11.9	12.0	99	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04566

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Trichlorofluoromethane	out	06/19/1996	S-8010	11.6	12.0	97	NA
1,2,3-Trichloropropane	out	06/19/1996	S-8010	na	12.0	NA	NA
Vinyl Chloride	out	06/19/1996	S-8010	11.7	12.0	98	NA
TPH as Gasoline	jar	06/17/1996	S-8015M	1050	1000	105	NA
TPH as Gasoline	bdb	06/19/1996	S-8015M	1130	1000	113	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

NET®

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04566

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Aluminum	06/13/1996	<0.10	mg/L	0.10	NA
Arsenic	06/13/1996	<0.03	mg/L	0.03	NA
Barium	06/13/1996	<0.01	mg/L	0.01	NA
Cadmium	06/13/1996	<0.01	mg/L	0.01	NA
Calcium	06/13/1996	<0.50	mg/L	0.50	NA
Chromium	06/13/1996	<0.01	mg/L	0.01	NA
Copper	06/13/1996	<0.01	mg/L	0.01	NA
Iron	06/13/1996	<0.01	mg/L	0.01	NA
Lead	06/13/1996	<0.03	mg/L	0.03	NA
Magnesium	06/13/1996	<0.10	mg/L	0.10	NA
Manganese	06/13/1996	<0.01	mg/L	0.01	NA
Mercury, CVAA	06/12/1996	<0.0002	mg/L	0.0002	NA
Nickel	06/13/1996	<0.03	mg/L	0.03	NA
Potassium	06/13/1996	<0.50	mg/L	0.50	NA
Selenium	06/13/1996	<0.04	mg/L	0.04	NA
Silver	06/13/1996	<0.01	mg/L	0.01	NA
Sodium	06/13/1996	<0.50	mg/L	0.50	NA
Zinc	06/13/1996	<0.03	mg/L	0.03	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/12/1996	<2	ug/L	2	NA
Ethylbenzene	06/12/1996	<2	ug/L	2	NA
Toluene	06/12/1996	<2	ug/L	2	NA
Xylenes, Total	06/12/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/13/1996	<2	ug/L	2	NA
Ethylbenzene	06/13/1996	<2	ug/L	2	NA
Toluene	06/13/1996	<2	ug/L	2	NA
Xylenes, Total	06/13/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/17/1996	<2	ug/L	2	NA
Ethylbenzene	06/17/1996	<2	ug/L	2	NA
Toluene	06/17/1996	<2	ug/L	2	NA
Xylenes, Total	06/17/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/18/1996	<2	ug/L	2	NA
Ethylbenzene	06/18/1996	<2	ug/L	2	NA
Toluene	06/18/1996	<2	ug/L	2	NA
Xylenes, Total	06/18/1996	<2	ug/L	2	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

NET®

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04566

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/18/1996	<2	ug/L	2	NA
Ethylbenzene	06/18/1996	<2	ug/L	2	NA
Toluene	06/18/1996	<2	ug/L	2	NA
Xylenes, Total	06/18/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/19/1996	<2	ug/L	2	NA
Ethylbenzene	06/19/1996	<2	ug/L	2	NA
Toluene	06/19/1996	<2	ug/L	2	NA
Xylenes, Total	06/19/1996	<2	ug/L	2	NA
VOLATILES-8010 AQ(PRESERVED)					
Benzyl chloride	06/17/1996	na	ug/L	NA	NA
Bis(2-chloroethoxy)methane	06/17/1996	na	ug/L	NA	NA
Bis(2-chloroisopropyl)ether	06/17/1996	na	ug/L	NA	NA
Bromobenzene	06/17/1996	<1.0	ug/L	NA	NA
Bromodichloromethane	06/17/1996	<0.40	ug/L	NA	NA
Bromoform	06/17/1996	<0.40	ug/L	NA	NA
Bromomethane	06/17/1996	<0.40	ug/L	NA	NA
Carbon tetrachloride	06/17/1996	<0.40	ug/L	NA	NA
Chlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
Chloroethane	06/17/1996	<0.40	ug/L	NA	NA
2-Chloroethylvinyl ether	06/17/1996	<1.0	ug/L	NA	NA
Chloroform	06/17/1996	<0.40	ug/L	NA	NA
1-Chlorohexane	06/17/1996	na	ug/L	NA	NA
Chloromethane	06/17/1996	<0.40	ug/L	NA	NA
Chloromethyl methyl ether	06/17/1996	na	ug/L	NA	NA
4-Chlorotoluene	06/17/1996	na	ug/L	NA	NA
Dibromochloromethane	06/17/1996	<0.40	ug/L	NA	NA
Dibromomethane	06/17/1996	<1.0	ug/L	NA	NA
1,2-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
1,3-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
1,4-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
Dichlorodifluoromethane	06/17/1996	<0.40	ug/L	NA	NA
1,1-Dichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,2-Dichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1-Dichloroethene	06/17/1996	<0.40	ug/L	NA	NA
cis-1,2-Dichloroethene	06/17/1996	<0.50	ug/L	NA	NA
trans-1,2-Dichloroethene	06/17/1996	<0.40	ug/L	NA	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04566

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Dichloromethane	06/17/1996	na	ug/L	NA	NA
1,2-Dichloropropane	06/17/1996	<0.40	ug/L	NA	NA
cis-1,3-Dichloropropene	06/17/1996	<0.40	ug/L	NA	NA
trans-1,3-Dichloropropene	06/17/1996	<0.40	ug/L	NA	NA
Methylene chloride	06/17/1996	<10	ug/L	NA	NA
1,1,2,2-Tetrachloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1,1,2-Tetrachloroethane	06/17/1996	<1.0	ug/L	NA	NA
Tetrachloroethene	06/17/1996	<0.40	ug/L	NA	NA
1,1,1-Trichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1,2-Trichloroethane	06/17/1996	<0.40	ug/L	NA	NA
Trichloroethene	06/17/1996	<0.40	ug/L	NA	NA
Trichlorofluoromethane	06/17/1996	<0.40	ug/L	NA	NA
1,2,3-Trichloropropane	06/17/1996	<1.0	ug/L	NA	NA
Vinyl Chloride	06/17/1996	<0.40	ug/L	NA	NA
VOLATILES-8010 AQ(PRESERVED)					
Benzyl chloride	06/19/1996	na	ug/L	NA	NA
Bis(2-chloroethoxy)methane	06/19/1996	na	ug/L	NA	NA
Bis(2-chloroisopropyl)ether	06/19/1996	na	ug/L	NA	NA
Bromobenzene	06/19/1996	na	ug/L	NA	NA
Bromodichloromethane	06/19/1996	<0.40	ug/L	NA	NA
Bromoform	06/19/1996	<0.40	ug/L	NA	NA
Bromomethane	06/19/1996	<0.40	ug/L	NA	NA
Carbon tetrachloride	06/19/1996	<0.40	ug/L	NA	NA
Chlorobenzene	06/19/1996	<0.40	ug/L	NA	NA
Chloroethane	06/19/1996	<0.40	ug/L	NA	NA
2-Chloroethylvinyl ether	06/19/1996	<1.0	ug/L	NA	NA
Chloroform	06/19/1996	<0.40	ug/L	NA	NA
1-Chlorohexane	06/19/1996	na	ug/L	NA	NA
Chloromethane	06/19/1996	<0.40	ug/L	NA	NA
Chloromethyl methyl ether	06/19/1996	na	ug/L	NA	NA
4-Chlorotoluene	06/19/1996	na	ug/L	NA	NA
Dibromochloromethane	06/19/1996	<0.40	ug/L	NA	NA
Dibromomethane	06/19/1996	na	ug/L	NA	NA
1,2-Dichlorobenzene	06/19/1996	<0.40	ug/L	NA	NA
1,3-Dichlorobenzene	06/19/1996	<0.40	ug/L	NA	NA
1,4-Dichlorobenzene	06/19/1996	<0.40	ug/L	NA	NA
Dichlorodifluoromethane	06/19/1996	<1.0	ug/L	NA	NA
1,1-Dichloroethane	06/19/1996	<0.40	ug/L	NA	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04566

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
1,2-Dichloroethane	06/19/1996	<0.40	ug/L	NA	NA
1,1-Dichloroethene	06/19/1996	<0.40	ug/L	NA	NA
cis-1,2-Dichloroethene	06/19/1996	<0.50	ug/L	NA	NA
trans-1,2-Dichloroethene	06/19/1996	<0.40	ug/L	NA	NA
Dichloromethane	06/19/1996	na	ug/L	NA	NA
1,2-Dichloropropane	06/19/1996	<0.40	ug/L	NA	NA
cis-1,3-Dichloropropene	06/19/1996	<0.40	ug/L	NA	NA
trans-1,3-Dichloropropene	06/19/1996	<0.40	ug/L	NA	NA
Methylene chloride	06/19/1996	<10	ug/L	NA	NA
1,1,2,2-Tetrachloroethane	06/19/1996	<0.40	ug/L	NA	NA
1,1,1,2-Tetrachloroethane	06/19/1996	na	ug/L	NA	NA
Tetrachloroethene	06/19/1996	<0.40	ug/L	NA	NA
1,1,1-Trichloroethane	06/19/1996	<0.40	ug/L	NA	NA
1,1,2-Trichloroethane	06/19/1996	<1.0	ug/L	NA	NA
Trichloroethene	06/19/1996	<0.40	ug/L	NA	NA
Trichlorofluoromethane	06/19/1996	<0.40	ug/L	NA	NA
1,2,3-Trichloropropane	06/19/1996	na	ug/L	NA	NA
Vinyl Chloride	06/19/1996	<0.40	ug/L	NA	NA
TPH California Method-Aqueous					
TPH as Gasoline	06/17/1996	<50	ug/L	50	NA
TPH as Gasoline	06/19/1996	<50	ug/L	50	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 96.04566

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Aluminum	1.00	1.00	100	
Arsenic	1.00	1.00	100	
Barium	1.00	1.00	100	
Cadmium	1.00	1.00	100	
Calcium	11.0	11.0	100	
Chromium	1.00	1.00	100	
Copper	1.00	1.00	100	
Iron	1.00	1.00	100	
Lead	1.00	1.00	100	
Magnesium	10.0	10.0	100	
Manganese	1.00	1.00	100	
Mercury, CVAA	0.43	0.50	86	
Nickel	1.00	1.00	100	
Potassium	10.0	10.0	100	
Selenium	1.00	1.00	100	
Silver	1.00	1.00	100	
Sodium	10.0	10.0	100	
Zinc	0.97	1.00	97	
EPA-8020 AQ (NONPRESERVED)				
Benzene	22	20	110	
Ethylbenzene	25	20	125	
Toluene	23	20	115	
Xylenes, Total	53	40	133	
EPA-8020 AQ (NONPRESERVED)				
Benzene	17	20	85	
Ethylbenzene	21	20	105	
Toluene	19	20	95	
Xylenes, Total	43	40	108	
EPA-8020 AQ (NONPRESERVED)				
Benzene	17	20	85	
Ethylbenzene	21	20	105	
Toluene	19	20	95	
Xylenes, Total	43	40	108	
TPH as Gasoline	760	1000	76	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 96.04566

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Aluminum	4.81	9.87	7.43	1.00	506	262	64	OUT
Aluminum	<0.10	0	1.00	0	0	100	200	
Aluminum	1.00	1.00	1.00	1.00	0	0	0	
Arsenic	0.11	1.07	1.01	1.00	96	90	6.5	
Arsenic	<0.03	1.00	1.00	1.00	100	100	0	
Arsenic	0.05	1.00	1.00	1.00	95	95	0	
Barium	0.99	1.91	1.79	1.00	92	80	14	
Barium	<0.01	1.00	1.00	1.00	100	100	0	
Barium	1.09	1.00	1.00	1.00	-8	-8	0	
Cadmium	<0.01	0.88	0.85	1.00	88	85	3.5	
Cadmium	<0.01	1.00	1.00	1.00	100	100	0	
Cadmium	<0.01	1.00	1.00	1.00	100	100	0	
Calcium	<0.50	1.00	11.0	11.0	9	100	167	
Calcium	<0.50	1.00	11.0	1.00	100	100	0	
Calcium	124	1.00	11.0	1.00	-12299	-1026	169	
Chromium	0.03	0.91	0.87	1.00	88	84	4.7	
Chromium	<0.01	1.00	1.00	1.00	100	100	0	
Chromium	<0.01	1.00	1.00	1.00	100	100	0	
Copper	<0.01	0.88	0.85	1.00	88	85	3.5	
Copper	<0.01	1.00	1.00	1.00	100	100	0	
Copper	<0.01	1.00	1.00	1.00	100	100	0	
Iron	19.6	23.0	20.5	1.00	340	90	116	SSR
Iron	<0.01	1.00	1.00	1.00	100	100	0	
Iron	10.7	1.00	1.00	1.00	-969	-969	0	
Lead	<0.03	0.89	0.86	1.00	89	86	3.4	
Lead	<0.03	1.00	1.00	1.00	100	100	0	
Lead	<0.03	1.00	1.00	1.00	100	100	0	
Magnesium	91.0	104	97.7	10.0	130	67	64	SSR
Magnesium	<0.10	1.00	10.0	1.00	100	100	0	
Magnesium	108	1.00	10.0	1.00	-10699	-979	166	
Mercury, CVAA	<0.0002	0.0035	0.0034	0.0050	70	68	2.9	MI
Mercury, CVAA	<0.002	0.044	0.043	0.050	88	86	2.3	
Nickel	<0.03	0.91	0.86	1.00	91	86	5.6	
Nickel	<0.03	1.00	1.00	1.00	100	100	0	
Nickel	<0.03	0.91	0.86	1.00	91	86	5.6	
Nickel	<0.03	1.00	1.00	1.00	100	100	0	
Potassium	4.05	13.7	12.3	10.0	97	83	16	
Potassium	<0.50	1.00	10.0	1.00	100	100	0	
Potassium	4.05	13.7	12.3	10.0	97	83	16	
Potassium	7.01	1.00	10.0	1.00	-600	30	221	
Selenium	<0.04	0.85	0.85	1.00	85	85	0	

MI - MS/MSD outside limits - matrix interference suspected, refer to LCS.
OUT - MS/MSD & Bench Spike outside limits, matrix interference
SSR - The sample was >4x level of spike, skewed recoveries exist.

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate (MS / MSD)

JOB NUMBER: 96.04566

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Selenium	<0.04	1.00	1.00	1.00	100	100	0	
Selenium	<0.04	0.85	0.85	1.00	85	85	0	
Selenium	<0.04	1.00	1.00	1.00	100	100	0	
Silver	<0.01	0.88	0.86	1.00	88	86	2.3	
Silver	<0.01	1.00	1.00	1.00	100	100	0	
Silver	<0.01	0.88	0.86	1.00	88	86	2.3	
Silver	<0.01	1.00	1.00	1.00	100	100	0	
Sodium	275	288	273	10.0	130	-19	273	SSR
Sodium	<0.50	1.00	10.0	1.00	100	100	0	
Sodium	275	288	273	10.0	130	-19	273	SSR
Sodium	1540	1.00	10.0	1.00	-153899	-15299	164	
Zinc	<0.03	0.89	0.86	1.00	89	86	3.4	
Zinc	<0.03	0.89	0.88	1.00	89	88	1.1	
Zinc	<0.03	0.89	0.86	1.00	89	86	3.4	
Zinc	<0.03	1.00	1.00	1.00	100	100	0	
EPA-8020 AQ (NONPRESERVED)								
Benzene	<2	21	22	20	105	110	4.7	
Ethylbenzene	<2	25	25	20	125	125	0	
Toluene	<2	23	23	20	115	115	0	
Xylenes, Total	<2	52	53	40	130	133	1.9	
EPA-8020 AQ (NONPRESERVED)								
Benzene	<2	15	16	20	75	80	6.5	
Ethylbenzene	<2	18	19	20	90	95	5.4	
Toluene	<2	17	17	20	85	85	0	
Xylenes, Total	<2	38	40	40	95	100	5	
VOLATILES-8010 AQ(PRESERVED)								
Benzyl chloride	na	na	na	1.0	NA	NA	NA	
Bis(2-chloroethoxy)methane	na	na	na	1.0	NA	NA	NA	
Bis(2-chloroisopropyl)ether	na	na	na	1.0	NA	NA	NA	
Bromobenzene	na	na	na	1.0	NA	NA	0	
Bromodichloromethane	<0.40	na	na	1.0	NA	NA	0	
Bromoform	<1.5	na	na	1.0	NA	NA	0	
Bromomethane	<0.40	na	na	1.0	NA	NA	0	
Carbon tetrachloride	<0.40	na	na	1.0	NA	NA	0	
Chlorobenzene	<0.40	18.5	17.7	20.0	93	89	4.4	
Chloroethane	<0.40	na	na	1.0	NA	NA	0	
2-Chloroethylvinyl ether	<1.0	na	na	1.0	NA	NA	0	
Chloroform	0.8	na	na	1.0	NA	NA	0	
1-Chlorohexane	na	na	na	1.0	NA	NA	NA	
Chloromethane	<0.40	na	na	1.0	NA	NA	0	
Chloromethyl methyl ether	na	na	na	1.0	NA	NA	NA	

SSR - The sample was >4x level of spike, skewed recoveries exist.

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 96.04566

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
4-Chlorotoluene	na	na	na	1.0	NA	NA	NA	
Dibromochloromethane	<0.40	na	na	1.0	NA	NA	0	
Dibromomethane	na	na	na	1.0	NA	NA	0	
1,2-Dichlorobenzene	1.2	na	na	1.0	NA	NA	0	
1,3-Dichlorobenzene	<0.40	na	na	1.0	NA	NA	0	
1,4-Dichlorobenzene	0.9	na	na	1.0	NA	NA	0	
Dichlorodifluoromethane	<1.0	na	na	1.0	NA	NA	0	
1,1-Dichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,2-Dichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1-Dichloroethene	<0.40	19.2	19.1	20.0	96	96	0.5	
cis-1,2-Dichloroethene	<0.50	na	na	1.0	NA	NA	0	
trans-1,2-Dichloroethene	<0.40	na	na	1.0	NA	NA	0	
Dichloromethane	na	na	na	1.0	NA	NA	NA	
1,2-Dichloropropane	1.4	na	na	1.0	NA	NA	0	
cis-1,3-Dichloropropene	<0.40	na	na	1.0	NA	NA	0	
trans-1,3-Dichloropropene	<0.40	na	na	1.0	NA	NA	0	
Methylene chloride	<10	na	na	1.0	NA	NA	0	
1,1,2,2-Tetrachloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1,1,2-Tetrachloroethane	na	na	na	1.0	NA	NA	0	
Tetrachloroethene	<0.40	na	na	1.0	NA	NA	0	
1,1,1-Trichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1,2-Trichloroethane	1.0	na	na	1.0	NA	NA	0	
Trichloroethene	<0.40	18.4	17.4	20.0	92	87	5.6	
Trichlorofluoromethane	<0.40	na	na	1.0	NA	NA	0	
1,2,3-Trichloropropane	na	na	na	1.0	NA	NA	0	
Vinyl Chloride	<0.40	na	na	1.0	NA	NA	0	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

NET NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY NNG / ENRON ENV. AFFAIRS
ADDRESS Rm 3AC-3142, POBox 1188, Houston, TX, 77251
PHONE 713-646-7327 FAX 713-646-7867
PROJECT NAME/LOCATION NNG EUNICE STATION
PROJECT NUMBER
PROJECT MANAGER GEORGE ROBINSON

REPORT TO: G. Robinson
INVOICE TO: G. Robinson
P.O. NO.
NET QUOTE NO.

SAMPLED BY
George Robinson (PRINT NAME) / SIGNATURE
(PRINT NAME) / SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	NONE / OTHER	ANALYSES: 8010/8020	8015 (Mod)	Metals
6/6/96	10:30	TEX-1	A			4		1			~	~	~
	11:20	TEX-2				4				1	~	~	~
	15:10	TEX-3				4				1	~	~	~
	16:30	TEX-5				4				1	~	~	~
	13:55	TEX-6				4				1	~	~	~

To assist us in selecting the proper method
Is this work being conducted for regulatory compliance monitoring? Yes X No ___
Is this work being conducted for regulatory enforcement action? Yes ___ No X
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None X

COMMENTS

Metals: Ca, Mg, K, Na, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Se, Ag, Zn, Ni, Al

HNO_3 was not in ½ liter plastic containers upon arrival from lab (TEX-2, TEX-3, TEX-5 & TEX-6 containers for metals analysis). Add HNO_3 upon arrival at lab to these samples.

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 4°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA ___
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS GCR DATE 6-7-96

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
	6-7 96				6/8/96	1040	Lisa Sanders

METHOD OF SHIPMENT: FEDEX

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996

NET Job Number: 96.04564

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
309151	TEX - 1	06/06/1996	06/08/1996
309152	TEX - 2	06/06/1996	06/08/1996
309153	TEX - 3	06/06/1996	06/08/1996
309154	TEX - 5	06/06/1996	06/08/1996
309155	TEX - 6	06/06/1996	06/08/1996

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04564

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309151 TEX - 1
Taken: 06/06/1996 10:30

Chloride	700	mg/L
N-Kjeldahl	<0.50	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	24.3	mg/L
Total Dissolved Solids	1640	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/L
Acenaphthalene	<2.0	ug/L
Anthracene	<2.0	ug/L
Benzo(a)anthracene	<2.0	ug/L
Benzo(a)pyrene	<2.0	ug/L
Benzo(b)fluoranthene	<2.0	ug/L
Benzo(ghi)perylene	<2.0	ug/L
Benzo(k)fluoranthene	<2.0	ug/L
Chrysene	<2.0	ug/L
Dibenz(a,h)anthracene	<2.0	ug/L
Fluoranthene	<2.0	ug/L
Fluorene	<2.0	ug/L
Indeno(1,2,3-cd)pyrene	<2.0	ug/L
Naphthalene	<2.0	ug/L
Phenanthrene	<2.0	ug/L
Pyrene	12	ug/L
1-Methylnaphthalene	<2.0	ug/L
2-Methylnaphthalene	<2.0	ug/L

309152 TEX - 2
Taken: 06/06/1996 11:20

Chloride	1050	mg/L
N-Kjeldahl	<0.50	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	15.2	mg/L
Total Dissolved Solids	2320	mg/L
EPA 8100 - PAH'S		
Acenaphthene	270	ug/L
Acenaphthalene	<2.0	ug/L
Anthracene	<2.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04564

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309152 TEX - 2
Taken: 06/06/1996 11:20

Benzo(a)anthracene	<2.0	ug/L
Benzo(a)pyrene	<2.0	ug/L
Benzo(b)fluoranthene	<2.0	ug/L
Benzo(ghi)perylene	<2.0	ug/L
Benzo(k)fluoranthene	<2.0	ug/L
Chrysene	93	ug/L
Dibenz(a,h)anthracene	<2.0	ug/L
Fluoranthene	<2.0	ug/L
Fluorene	190	ug/L
Indeno(1,2,3-cd)pyrene	<2.0	ug/L
Naphthalene	<2.0	ug/L
Phenanthrene	<2.0	ug/L
Pyrene	120	ug/L
1-Methylnaphthalene	<2.0	ug/L
2-Methylnaphthalene	<2.0	ug/L

309153 TEX - 3
Taken: 06/06/1996 15:10

Chloride	1525	mg/L
N-Kjeldahl	0.75	mg/L
N-Nitrate/Nitrite	0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	64.9	mg/L
Total Dissolved Solids	3200	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/L
Acenaphthalene	<2.0	ug/L
Anthracene	<2.0	ug/L
Benzo(a)anthracene	<2.0	ug/L
Benzo(a)pyrene	<2.0	ug/L
Benzo(b)fluoranthene	<2.0	ug/L
Benzo(ghi)perylene	<2.0	ug/L
Benzo(k)fluoranthene	<2.0	ug/L
Chrysene	<2.0	ug/L
Dibenz(a,h)anthracene	<2.0	ug/L
Fluoranthene	<2.0	ug/L
Fluorene	<2.0	ug/L
Indeno(1,2,3-cd)pyrene	<2.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04564

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309153 TEX - 3
Taken: 06/06/1996 15:10

Naphthalene	<2.0	ug/L
Phenanthrene	<2.0	ug/L
Pyrene	<2.0	ug/L
1-Methylnaphthalene	<2.0	ug/L
2-Methylnaphthalene	<2.0	ug/L

309154 TEX - 5
Taken: 06/06/1996 16:30

Chloride	3900	mg/L
N-Kjeldahl	4.8	mg/L
N-Nitrate/Nitrite	0.27	mg/L
Nitrogen, total	5.1	mg/L
Sulfate	34.1	mg/L
Total Dissolved Solids	6900	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/L
Acenaphthalene	<2.0	ug/L
Anthracene	<2.0	ug/L
Benzo(a)anthracene	<2.0	ug/L
Benzo(a)pyrene	<2.0	ug/L
Benzo(b)fluoranthene	<2.0	ug/L
Benzo(ghi)perylene	<2.0	ug/L
Benzo(k)fluoranthene	<2.0	ug/L
Chrysene	<2.0	ug/L
Dibenz(a,h)anthracene	<2.0	ug/L
Fluoranthene	<2.0	ug/L
Fluorene	<2.0	ug/L
Indeno(1,2,3-cd)pyrene	<2.0	ug/L
Naphthalene	<2.0	ug/L
Phenanthrene	<2.0	ug/L
Pyrene	<2.0	ug/L
1-Methylnaphthalene	<2.0	ug/L
2-Methylnaphthalene	<2.0	ug/L

309155 TEX - 6
Taken: 06/06/1996 13:55

Chloride	875	mg/L
N-Kjeldahl	1.1	mg/L
N-Nitrate/Nitrite	<0.05	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04564

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309155 TEX - 6
Taken: 06/06/1996 13:55

Nitrogen, total	1.1	mg/L
Sulfate	40.5	mg/L
Total Dissolved Solids	2240	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/L
Acenaphthalene	<2.0	ug/L
Anthracene	<2.0	ug/L
Benzo(a)anthracene	<2.0	ug/L
Benzo(a)pyrene	<2.0	ug/L
Benzo(b)fluoranthene	<2.0	ug/L
Benzo(ghi)perylene	<2.0	ug/L
Benzo(k)fluoranthene	<2.0	ug/L
Chrysene	7.9	ug/L
Dibenz(a,h)anthracene	<2.0	ug/L
Fluoranthene	<2.0	ug/L
Fluorene	<2.0	ug/L
Indeno(1,2,3-cd)pyrene	<2.0	ug/L
Naphthalene	<2.0	ug/L
Phenanthrene	<2.0	ug/L
Pyrene	<2.0	ug/L
1-Methylnaphthalene	<2.0	ug/L
2-Methylnaphthalene	<2.0	ug/L

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 96.04564

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
N-Kjeldahl	cgl	06/14/1996	E-351.4	9.10	10.0	91	NA
N-Nitrate/Nitrite	bwb	06/20/1996	E-353.3	0.51	0.50	102	NA
Sulfate	grd	06/13/1996	S-9038	17.8	20.0	89	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

NET®

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04564

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Chloride	06/20/1996	<5.0	mg/L	5.0	NA
N-Kjeldahl	06/14/1996	<0.50	mg/L	0.50	NA
N-Nitrate/Nitrite	06/20/1996	<0.05	mg/L	NA	NA
Sulfate	06/13/1996	<5.0	mg/L	5.0	NA
Total Dissolved Solids	06/12/1996	<5	mg/L	5	NA
EPA 8100 - PAH'S					
Acenaphthene	06/12/1996	<2.0	ug/L	NA	NA
Acenaphthalene	06/12/1996	<2.0	ug/L	NA	NA
Anthracene	06/12/1996	<2.0	ug/L	NA	NA
Benzo(a)anthracene	06/12/1996	<2.0	ug/L	NA	NA
Benzo(a)pyrene	06/12/1996	<2.0	ug/L	NA	NA
Benzo(b)fluoranthene	06/12/1996	<2.0	ug/L	NA	NA
Benzo(ghi)perylene	06/12/1996	<2.0	ug/L	NA	NA
Benzo(k)fluoranthene	06/12/1996	<2.0	ug/L	NA	NA
Chrysene	06/12/1996	<2.0	ug/L	NA	NA
Dibenz(a,h)anthracene	06/12/1996	<2.0	ug/L	NA	NA
Fluoranthene	06/12/1996	<2.0	ug/L	NA	NA
Fluorene	06/12/1996	<2.0	ug/L	NA	NA
Indeno(1,2,3-cd)pyrene	06/12/1996	<2.0	ug/L	NA	NA
Naphthalene	06/12/1996	<2.0	ug/L	NA	NA
Phenanthrene	06/12/1996	<2.0	ug/L	NA	NA
Pyrene	06/12/1996	<2.0	ug/L	NA	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should he less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 96.04564

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Chloride	500	500	100	
N-Kjeldahl	5.06	5.0	101	
N-Nitrate/Nitrite	0.50	0.50	100	
Sulfate	18.3	20.0	92	
Total Dissolved Solids	1970	2000	99	
EPA 8100 - PAH'S				

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate (MS / MSD)

JOB NUMBER: 96.04564

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Chloride	850	2100	2125	1250	100	102	2	
Chloride	64	113	114	50.0	98	100	1.9	
N-Kjeldahl	<0.50	4.25	4.51	5.0	85	90	5.9	
N-Kjeldahl	<0.50	4.44	4.32	5.0	89	86	2.7	
N-Nitrate/Nitrite	<0.05	0.34	0.34	0.40	85	85	0	
N-Nitrate/Nitrite	<0.05	0.35	0.36	0.40	88	90	2.8	
Sulfate	<5	21.8	21.3	20.0	109	107	2.3	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
DUPLICATES

JOB NUMBER: 96.04564

PARAMETER	SAMPLE RESULT	DUPLICATE RESULT	RPD	SPIKE SAMPLE RESULT	SPIKE RESULT	SPIKE AMOUNT	% REC.	FLAG
Total Dissolved Solids	5400	4640	15.1	NA	NA	NA	NA	
Total Dissolved Solids	2320	2270	2.2	NA	NA	NA	NA	

Advisory Control Limits for Spikes

The spike recovery should be 75-125% if the spike amount is greater than or equal to one fourth of the sample result value.

NOTE: Spike Samples may not be samples from this job.

Advisory Control Limits for Duplicates

The RPD for the sample and duplicate should be less than 20.

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY NNG / ENRON ENV. AFFAIRS
ADDRESS Rm 3AC-3142, POBox 1188, Houston, Tx 77251
PHONE 713-646-7327 FAX 713-646-7867
PROJECT NAME/LOCATION NNG EUNICE STATION
PROJECT NUMBER
PROJECT MANAGER GEORGE ROBINSON

REPORT TO: G. Robinson
INVOICE TO: G. Robinson
P.O. NO.
NET QUOTE NO.

SAMPLED BY
George Robinson (PRINT NAME) — SIGNATURE
(PRINT NAME) — SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	GRAB	COMP	# OF CONTAINERS TYPE	MATRIX	PRESERVED Y/N	8100 (PAHs)	TDS	Chlorides	Sulfate	NO2/NO3-N total	COMMENTS
6/96	10:30	TEX-1			1 P 1 G	A	N	–	–	–	–	–	
	11:20	TEX-2						–	–	–	–	–	8100 to include 1-Methylnaphtalene & 2-Methylnaphtalene in addition to the standard 8100 list.
	15:10	TEX-3						–	–	–	–	–	
	16:30	TEX-5						–	–	–	–	–	
	13:55	TEX-6						–	–	–	–	–	

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT:

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA GCT
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS
DATE 7-96

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	DATE/TIME	RECEIVED FOR NET BY:
	6.7.96				

METHOD OF SHIPMENT: Fed Ex

REMARKS:

OCEANIC GROUP

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996

NET Job Number: 96.04563

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
309140	NNG - 1	06/06/1996	06/08/1996
309146	NNG - 2	06/06/1996	06/08/1996
309147	NNG - 4	06/06/1996	06/08/1996
309148	NNG - 5	06/06/1996	06/08/1996
309149	NNG - 6	06/06/1996	06/08/1996
309150	NNG - 7	06/06/1996	06/08/1996

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04563

Date Received: 06/08/1996

309140 NNG - 1
Taken: 06/06/1996

Chloride	380	mg/L
N-Kjeldahl	<0.50	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	131	mg/L
Total Dissolved Solids	1400	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg
Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg
Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg
Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

309146 NNG - 2
Taken: 06/06/1996

Chloride	2700	mg/L
N-Kjeldahl	0.57	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	68.0	mg/L
Total Dissolved Solids	5170	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04563

Date Received: 06/08/1996

309146 NNG - 2
Taken: 06/06/1996

Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg
Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg
Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

309147 NNG - 4
Taken: 06/06/1996

Chloride	900	mg/L
N-Kjeldahl	<0.50	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	<1.0	mg/L
Sulfate	<5	mg/L
Total Dissolved Solids	2120	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg
Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg
Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04563

Date Received: 06/08/1996

309147 NNG - 4
Taken: 06/06/1996

Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

309148 NNG - 5
Taken: 06/06/1996

Chloride	1700	mg/L
N-Kjeldahl	4.1	mg/L
N-Nitrate/Nitrite	0.07	mg/L
Nitrogen, total	4.2	mg/L
Sulfate	73.9	mg/L
Total Dissolved Solids	3530	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg
Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg
Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg
Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

309149 NNG - 6
Taken: 06/06/1996

Chloride	850	mg/L
N-Kjeldahl	0.86	mg/L
N-Nitrate/Nitrite	0.06	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04563

Date Received: 06/08/1996

309149 NNG - 6
Taken: 06/06/1996

Nitrogen, total	<1.0	mg/L
Sulfate	17.5	mg/L
Total Dissolved Solids	2140	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg
Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg
Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg
Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

309150 NNG - 7
Taken: 06/06/1996

Chloride	1300	mg/L
N-Kjeldahl	1.0	mg/L
N-Nitrate/Nitrite	<0.05	mg/L
Nitrogen, total	1.0	mg/L
Sulfate	<5.0	mg/L
Total Dissolved Solids	2470	mg/L
EPA 8100 - PAH'S		
Acenaphthene	<2.0	ug/kg
Acenaphthalene	<2.0	ug/kg
Anthracene	<2.0	ug/kg
Benzo(a)anthracene	<2.0	ug/kg
Benzo(a)pyrene	<2.0	ug/kg
Benzo(b)fluoranthene	<2.0	ug/kg

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/20/1996
Job No.: 96.04563

Date Received: 06/08/1996

309150 NNG - 7
Taken: 06/06/1996

Benzo(ghi)perylene	<2.0	ug/kg
Benzo(k)fluoranthene	<2.0	ug/kg
Chrysene	<2.0	ug/kg
Dibenz(a,h)anthracene	<2.0	ug/kg
Fluoranthene	<2.0	ug/kg
Fluorene	<2.0	ug/kg
Indeno(1,2,3-cd)pyrene	<2.0	ug/kg
Naphthalene	<2.0	ug/kg
Phenanthrene	<2.0	ug/kg
Pyrene	<2.0	ug/kg
1-Methylnaphthalene	<2.0	ug/kg
2-Methylnaphthalene	<2.0	ug/kg

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 96.04563

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
N-Kjeldahl	cgl	06/14/1996	E-351.4	9.10	10.0	91	NA
N-Nitrate/Nitrite	bwb	06/20/1996	E-353.3	0.51	0.50	102	NA
Sulfate	grd	06/13/1996	S-9038	17.8	20.0	89	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04563

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Chloride	06/20/1996	<5.0	mg/L	5.0	NA
N-Kjeldahl	06/14/1996	<0.50	mg/L	0.50	NA
N-Nitrate/Nitrite	06/20/1996	<0.05	mg/L	NA	NA
Sulfate	06/13/1996	<5.0	mg/L	5.0	NA
Total Dissolved Solids	06/12/1996	<5	mg/L	5	NA
EPA 8100 - PAH'S					
Acenaphthene	06/12/1996	<2.0	ug/kg	2.0	NA
Acenaphthalene	06/12/1996	<2.0	ug/kg	2.0	NA
Anthracene	06/12/1996	<2.0	ug/kg	2.0	NA
Benzo(a)anthracene	06/12/1996	<2.0	ug/kg	2.0	NA
Benzo(a)pyrene	06/12/1996	<2.0	ug/kg	2.0	NA
Benzo(b)fluoranthene	06/12/1996	<2.0	ug/kg	2.0	NA
Benzo(ghi)perylene	06/12/1996	<2.0	ug/kg	2.0	NA
Benzo(k)fluoranthene	06/12/1996	<2.0	ug/kg	2.0	NA
Chrysene	06/12/1996	<2.0	ug/kg	2.0	NA
Dibenz(a,h)anthracene	06/12/1996	<2.0	ug/kg	2.0	NA
Fluoranthene	06/12/1996	<2.0	ug/kg	2.0	NA
Fluorene	06/12/1996	<2.0	ug/kg	2.0	NA
Indeno(1,2,3-cd)pyrene	06/12/1996	<2.0	ug/kg	2.0	NA
Naphthalene	06/12/1996	<2.0	ug/kg	2.0	NA
Phenanthrene	06/12/1996	<2.0	ug/kg	2.0	NA
Pyrene	06/12/1996	<2.0	ug/kg	2.0	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 96.04563

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Chloride	500	500	100	
N-Kjeldahl	5.06	5.0	101	
N-Nitrate/Nitrite	0.50	0.50	100	
Sulfate	18.3	20.0	92	
Total Dissolved Solids	1970	2000	99	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 96.04563

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Chloride	850	2100	2125	1250	100	102	2	
Chloride	64	113	114	50.0	98	100	1.9	
N-Kjeldahl	<0.50	4.25	4.51	5.0	85	90	5.9	
N-Kjeldahl	<0.50	4.44	4.32	5.0	89	86	2.7	
N-Nitrate/Nitrite	<0.05	0.34	0.34	0.40	85	85	0	
N-Nitrate/Nitrite	<0.05	0.35	0.36	0.40	88	90	2.8	
Sulfate	<5	21.8	21.3	20.0	109	107	2.3	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
DUPLICATES

JOB NUMBER: 96.04563

PARAMETER	SAMPLE RESULT	DUPLICATE RESULT	RPD	SPIKE SAMPLE RESULT	SPIKE RESULT	SPIKE AMOUNT	% REC.	FLAG
Total Dissolved Solids	5400	4640	15.1	NA	NA	NA	NA	
Total Dissolved Solids	2320	2270	2.2	NA	NA	NA	NA	

Advisory Control Limits for Spikes

The spike recovery should be 75-125% if the spike amount is greater than or equal to one fourth of the sample result value.

NOTE: Spike Samples may not be samples from this job.

Advisory Control Limits for Duplicates

The RPD for the sample and duplicate should be less than 20.

NET ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY NNG / ENRON ENV. AFFAIRS
ADDRESS Rm 3AC-3142, PO Box 1188, Houston, TX 77251
PHONE 713-646-7327 FAX 713-646-7867
PROJECT NAME/LOCATION NNG EUNICE STATION
PROJECT NUMBER
PROJECT MANAGER GEORGE ROBINSON

REPORT TO: G. Robinson
INVOICE TO: G. Robinson
P.O. NO.
NET QUOTE NO.

SAMPLED BY
SANDY SHARP (PRINT NAME) Sandy Sharp (SIGNATURE)
(PRINT NAME) (SIGNATURE)

DATE	TIME	SAMPLE ID/DESCRIPTION	GRAB	COMP	# OF CONTAINERS TYPE	MATRIX	PRESERVED Y/N	ANALYSES: 8100 (PAHs)	TDS	Chlorides	Sulfate	NO2/NO3-N Total	COMMENTS
6/6/96		NNG-1			1 G	A	N	–	–	–	–	–	
		NNG-2						–	–	–	–	–	8100 to include 1-Methylnaphthalene & 2-Methylnaphthalene in addition to the standard 8100 list.
		NNG-4						–	–	–	–	–	
		NNG-5						–	–	–	–	–	
		NNG-6						–	–	–	–	–	
		NNG-7						–	–	–	–	–	

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT:

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS SS DATE 6/7/96

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	RELINQUISHED BY:	DATE/TIME	RECEIVED FOR NET BY:
Sandy Sharp	6/7/96				

METHOD OF SHIPMENT

REMARKS:

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER

NATIONAL ENVIRONMENTAL TESTING, INC.

Dallas Division
1548 Valwood Parkway
Suite 118
Carrollton, TX 75006
Tel: (214) 406-8100
Fax: (214) 484-2969

ANALYTICAL AND QUALITY CONTROL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996

NET Job Number: 96.04565

Enclosed is the Analytical and Quality Control report for the following samples submitted to the Dallas Division of NET, Inc. for analysis. Reproduction of this analytical report is permitted only in its entirety.

Sample Number	Sample Description	Date Taken	Date Received
309156	NNG - 1	06/06/1996	06/08/1996
309157	NNG - 2	06/06/1996	06/08/1996
309158	NNG - 4	06/06/1996	06/08/1996
309159	NNG - 5	06/06/1996	06/08/1996
309160	NNG - 6	06/06/1996	06/08/1996
309161	NNG - 7	06/06/1996	06/08/1996

National Environmental Testing, Inc. certifies that the analytical results contained herein apply only to the specific samples analyzed.

Holding Times: All holding times were within method criteria.

Method Blanks: All method blanks were within quality control criteria.

Instrument calibration: All calibrations were within method quality control criteria.

Analysis Comments: No Unusual Comments

Gregory K. Horton
Project Manager

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309156 NNG - 1
Taken: 06/06/1996

Aluminum	4.81	mg/L
Arsenic	0.11	mg/L
Barium	0.99	mg/L
Boron, ICP	1.91	mg/L
Cadmium	<0.01	mg/L
Calcium	280	mg/L
Chromium	0.03	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	19.6	mg/L
Lead	<0.03	mg/L
Magnesium	91.0	mg/L
Manganese	0.15	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	<0.01	mg/L
Nickel	<0.03	mg/L
Potassium	4.05	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	275	mg/L
Zinc	<0.03	mg/L
EPA-8020 AQ		
Benzene	3	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
SURR: a,a,a-TFT	102	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<1.5	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	0.8	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309156 NNG - 1
Taken: 06/06/1996

Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L
1,2-Dichlorobenzene	1.2	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	0.9	ug/L
Dichlorodifluoromethane	<1.0	ug/L
1,1-Dichloroethane	<0.40	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	1.4	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	86	ug/L

309157 NNG - 2
Taken: 06/06/1996

Aluminum	1.00	mg/L
Arsenic	0.05	mg/L
Barium	1.09	mg/L
Boron, ICP	1.66	mg/L
Cadmium	<0.01	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309157 NNG - 2
Taken: 06/06/1996

Calcium	124		mg/L
Chromium	<0.01		mg/L
Cobalt	<0.01		mg/L
Copper	<0.01		mg/L
Iron	10.7		mg/L
Lead	<0.03		mg/L
Magnesium	108		mg/L
Manganese	0.27		mg/L
Mercury, CVAA	<0.0002		mg/L
Molybdenum	<0.01		mg/L
Nickel	<0.03		mg/L
Potassium	7.01		mg/L
Selenium	<0.04		mg/L
Silver	<0.01		mg/L
Sodium	1540		mg/L
Zinc	<0.03		mg/L
EPA-8020 AQ			
Benzene	4860		ug/L
Ethylbenzene	897		ug/L
Toluene	<100	EDL	ug/L
Xylenes, Total	<100	EDL	ug/L
SURR: a,a,a-TFT	96		% Rec
VOLATILES-8010 AQ(PRESERVED)			
Bromodichloromethane	<0.40		ug/L
Bromoform	<0.40		ug/L
Bromomethane	<0.40		ug/L
Carbon tetrachloride	<0.40		ug/L
Chlorobenzene	<0.40		ug/L
Chloroethane	<0.40		ug/L
2-Chloroethylvinyl ether	<1.0		ug/L
Chloroform	<0.40		ug/L
Chloromethane	<0.40		ug/L
Dibromochloromethane	<0.40		ug/L

EDL - Elevated detection limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309157 NNG - 2
Taken: 06/06/1996

1,2-Dichlorobenzene	<0.40	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	<0.40	ug/L
Dichlorodifluoromethane	<1.0	ug/L
1,1-Dichloroethane	<0.40	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	13800	ug/L

309158 NNG - 4
Taken: 06/06/1996

Aluminum	2.57	mg/L
Arsenic	0.04	mg/L
Barium	0.72	mg/L
Boron, ICP	1.80	mg/L
Cadmium	<0.01	mg/L
Calcium	184	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	1.58	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309158 NNG - 4
Taken: 06/06/1996

Lead	<0.03	mg/L
Magnesium	65.1	mg/L
Manganese	0.21	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	<0.01	mg/L
Nickel	<0.03	mg/L
Potassium	6.13	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	554	mg/L
Zinc	<0.03	mg/L
EPA-8020 AQ		
Benzene	<2	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
SURR: a,a,a-TFT	96	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<1.5	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	22	ug/L
Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L
1,2-Dichlorobenzene	<0.40	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	1.1	ug/L
Dichlorodifluoromethane	<1.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309158 NNG - 4
Taken: 06/06/1996

1,1-Dichloroethane	1.1	ug/L
1,2-Dichloroethane	0.6	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	1.3	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	1.3	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	<50	ug/L

309159 NNG - 5
Taken: 06/06/1996

Aluminum	1.67	mg/L
Arsenic	0.05	mg/L
Barium	0.83	mg/L
Boron, ICP	1.04	mg/L
Cadmium	<0.01	mg/L
Calcium	61.8	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	2.83	mg/L
Lead	<0.03	mg/L
Magnesium	29.4	mg/L
Manganese	0.13	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	0.05	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309159 NNG - 5
Taken: 06/06/1996

Nickel	<0.03		mg/L
Potassium	11.5		mg/L
Selenium	<0.04		mg/L
Silver	<0.01		mg/L
Sodium	1150		mg/L
Zinc	<0.03		mg/L
EPA-8020 AQ			
Benzene	513		ug/L
Ethylbenzene	33		ug/L
Toluene	<20	EDL	ug/L
Xylenes, Total	<20	EDL	ug/L
SURR: a,a,a-TFT	102		% Rec
VOLATILES-8010 AQ(PRESERVED)			
Bromodichloromethane	<0.40		ug/L
Bromoform	<0.40		ug/L
Bromomethane	<0.40		ug/L
Carbon tetrachloride	<0.40		ug/L
Chlorobenzene	<0.40		ug/L
Chloroethane	<0.40		ug/L
2-Chloroethylvinyl ether	<1.0		ug/L
Chloroform	<0.40		ug/L
Chloromethane	<0.40		ug/L
Dibromochloromethane	<0.40		ug/L
1,2-Dichlorobenzene	<0.40		ug/L
1,3-Dichlorobenzene	<0.40		ug/L
1,4-Dichlorobenzene	<0.40		ug/L
Dichlorodifluoromethane	<1.0		ug/L
1,1-Dichloroethane	<0.40		ug/L
1,2-Dichloroethane	<0.40		ug/L
1,1-Dichloroethene	<0.40		ug/L
cis-1,2-Dichloroethene	<0.50		ug/L
trans-1,2-Dichloroethene	<0.40		ug/L

EDL - Elevated Detection Limit due to matrix interference.

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309159 NNG - 5
Taken: 06/06/1996

1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	10500	ug/L

309160 NNG - 6
Taken: 06/06/1996

Aluminum	1.19	mg/L
Arsenic	<0.03	mg/L
Barium	0.69	mg/L
Boron, ICP	1.26	mg/L
Cadmium	<0.01	mg/L
Calcium	65.9	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	1.58	mg/L
Lead	<0.03	mg/L
Magnesium	48.0	mg/L
Manganese	0.16	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	0.04	mg/L
Nickel	<0.03	mg/L
Potassium	7.05	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	523	mg/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309160 NNG - 6
Taken: 06/06/1996

Zinc	<0.03	mg/L
EPA-8020 AQ		
Benzene	<2	ug/L
Ethylbenzene	<2	ug/L
Toluene	<2	ug/L
Xylenes, Total	<2	ug/L
SURR: a,a,a-TFT	91	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<0.40	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	<0.40	ug/L
Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L
1,2-Dichlorobenzene	<0.40	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	<0.40	ug/L
Dichlorodifluoromethane	<1.0	ug/L
1,1-Dichloroethane	<0.40	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	<0.50	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309160 NNG - 6
Taken: 06/06/1996

1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L
Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	141	ug/L

309161 NNG - 7
Taken: 06/06/1996

Aluminum	1.54	mg/L
Arsenic	0.07	mg/L
Barium	5.88	mg/L
Boron, ICP	1.88	mg/L
Cadmium	<0.01	mg/L
Calcium	102	mg/L
Chromium	<0.01	mg/L
Cobalt	<0.01	mg/L
Copper	<0.01	mg/L
Iron	5.13	mg/L
Lead	<0.03	mg/L
Magnesium	96.6	mg/L
Manganese	0.16	mg/L
Mercury, CVAA	<0.0002	mg/L
Molybdenum	0.02	mg/L
Nickel	<0.03	mg/L
Potassium	5.07	mg/L
Selenium	<0.04	mg/L
Silver	<0.01	mg/L
Sodium	654	mg/L
Zinc	<0.03	mg/L
EPA-8020 AQ		
Benzene	4	ug/L
Ethylbenzene	46	ug/L
Toluene	2	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309161 NNG - 7
Taken: 06/06/1996

Xylenes, Total	21	ug/L
SURR: a,a,a-TFT	96	% Rec
VOLATILES-8010 AQ(PRESERVED)		
Bromodichloromethane	<0.40	ug/L
Bromoform	<0.40	ug/L
Bromomethane	<0.40	ug/L
Carbon tetrachloride	<0.40	ug/L
Chlorobenzene	<0.40	ug/L
Chloroethane	<0.40	ug/L
2-Chloroethylvinyl ether	<1.0	ug/L
Chloroform	<0.40	ug/L
Chloromethane	<0.40	ug/L
Dibromochloromethane	<0.40	ug/L
1,2-Dichlorobenzene	<0.40	ug/L
1,3-Dichlorobenzene	<0.40	ug/L
1,4-Dichlorobenzene	<0.40	ug/L
Dichlorodifluoromethane	<1.0	ug/L
1,1-Dichloroethane	0.6	ug/L
1,2-Dichloroethane	<0.40	ug/L
1,1-Dichloroethene	<0.40	ug/L
cis-1,2-Dichloroethene	1.2	ug/L
trans-1,2-Dichloroethene	<0.40	ug/L
1,2-Dichloropropane	<0.40	ug/L
cis-1,3-Dichloropropene	<0.40	ug/L
trans-1,3-Dichloropropene	<0.40	ug/L
Methylene chloride	<10	ug/L
1,1,2,2-Tetrachloroethane	<0.40	ug/L
Tetrachloroethene	<0.40	ug/L
1,1,1-Trichloroethane	<0.40	ug/L
1,1,2-Trichloroethane	<1.0	ug/L

ANALYTICAL REPORT

George Robinson
ENRON CORPORATION
Env. Affairs, Rm 3 AC 3142
P.O. Box 1188
Houston, TX 77251

06/24/1996
Job No.: 96.04565

Project Name: NNG EUNICE STATION

Date Received: 06/08/1996

309161 NNG - 7
Taken: 06/06/1996

Trichloroethene	<0.40	ug/L
Trichlorofluoromethane	<0.40	ug/L
Vinyl Chloride	<0.40	ug/L
TPH California Method-Aqueous		
TPH as Gasoline	59800	ug/L

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04565

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Aluminum	des	06/13/1996	S-6010A	1.04	1.00	104	NA
Arsenic	des	06/13/1996	S-6010A	1.01	1.00	101	NA
Barium	des	06/13/1996	S-6010A	0.97	1.00	97	NA
Boron, ICP	des	06/17/1996	S-6010A	1.06	1.00	106	NA
Cadmium	des	06/13/1996	S-6010A	0.99	1.00	99	NA
Cadmium	des	06/17/1996	S-6010A	1.02	1.00	102	NA
Calcium	des	06/13/1996	S-6010A	10.6	11.0	96	NA
Chromium	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Chromium	des	06/18/1996	S-6010A	1.01	1.00	101	NA
Cobalt	des	06/17/1996	S-6010A	1.01	1.00	101	NA
Copper	des	06/13/1996	S-6010A	0.96	1.00	96	NA
Iron	des	06/13/1996	S-6010A	0.99	1.00	99	NA
Lead	jmd	06/05/1996	S-6010A	0.96	1.00	96	NA
Lead	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Magnesium	des	06/13/1996	S-6010A	9.82	10.0	98	NA
Manganese	des	06/17/1996	S-6010A	0.99	1.00	99	NA
Mercury, CVAA	jmd	06/12/1996	S-7470A	0.48	0.50	96	NA
Molybdenum	des	06/17/1996	S-6010A	1.02	1.00	102	NA
Nickel	des	06/13/1996	S-6010A	1.00	1.00	100	NA
Potassium	des	06/13/1996	S-6010A	9.95	10.0	100	NA
Selenium	des	06/13/1996	S-6010A	0.98	1.00	98	NA
Silver	des	06/13/1996	S-6010A	0.97	1.00	97	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification (CCV)

JOB NUMBER: 96.04565

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Sodium	des	06/13/1996	S-6010A	9.96	10.0	100	NA
Zinc	des	06/13/1996	S-6010A	0.98	1.00	98	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	cgd	06/12/1996	S-8020M	19	20	95	NA
Ethylbenzene	cgd	06/12/1996	S-8020M	20	20	100	NA
Toluene	cgd	06/12/1996	S-8020M	20	20	100	NA
Xylenes, Total	cgd	06/12/1996	S-8020M	58	60	97	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/13/1996	S-8020M	21	20	105	NA
Ethylbenzene	bdb	06/13/1996	S-8020M	23	20	115	NA
Toluene	bdb	06/13/1996	S-8020M	21	20	105	NA
Xylenes, Total	bdb	06/13/1996	S-8020M	69	60	115	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	jar	06/17/1996	S-8020M	18	20	90	NA
Ethylbenzene	jar	06/17/1996	S-8020M	20	20	100	NA
Toluene	jar	06/17/1996	S-8020M	19	20	95	NA
Xylenes, Total	jar	06/17/1996	S-8020M	61	60	102	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	jar	06/18/1996	S-8020M	17	20	85	NA
Ethylbenzene	jar	06/18/1996	S-8020M	18	20	90	NA
Toluene	jar	06/18/1996	S-8020M	17	20	85	NA
Xylenes, Total	jar	06/18/1996	S-8020M	53	60	88	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04565

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/18/1996	S-8020M	17	20	85	NA
Ethylbenzene	bdb	06/18/1996	S-8020M	18	20	90	NA
Toluene	bdb	06/18/1996	S-8020M	17	20	85	NA
Xylenes, Total	bdb	06/18/1996	S-8020M	53	60	88	NA
EPA-8020 AQ (NONPRESERVED)			S-8020M				
Benzene	bdb	06/19/1996	S-8020M	18	20	90	NA
Ethylbenzene	bdb	06/19/1996	S-8020M	21	20	105	NA
Toluene	bdb	06/19/1996	S-8020M	18	20	90	NA
Xylenes, Total	bdb	06/19/1996	S-8020M	62	60	103	NA
VOLATILES-8010 AQ(PRESERVED)			S-8010				
Benzyl chloride	out	06/17/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroethoxy)methane	out	06/17/1996	S-8010	na	1.0	NA	NA
Bis(2-chloroisopropyl)ether	out	06/17/1996	S-8010	na	1.0	NA	NA
Bromobenzene	out	06/17/1996	S-8010	na	1.0	NA	NA
Bromodichloromethane	out	06/17/1996	S-8010	13.4	12.0	112	NA
Bromoform	out	06/17/1996	S-8010	12.2	12.0	102	NA
Bromomethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
Carbon tetrachloride	out	06/17/1996	S-8010	13.4	12.0	112	NA
Chlorobenzene	out	06/17/1996	S-8010	12.4	12.0	103	NA
Chloroethane	out	06/17/1996	S-8010	11.2	12.0	93	NA
2-Chloroethylvinyl ether	out	06/17/1996	S-8010	11.7	12.0	98	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04565

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
Chloroform	out	06/17/1996	S-8010	13.0	12.0	108	NA
1-Chlorohexane	out	06/17/1996	S-8010	na	12.0	NA	NA
Chloromethane	out	06/17/1996	S-8010	11.2	12.0	93	NA
Chloromethyl methyl ether	out	06/17/1996	S-8010	na	12.0	NA	NA
4-Chlorotoluene	out	06/17/1996	S-8010	na	12.0	NA	NA
Dibromochloromethane	out	06/17/1996	S-8010	12.5	12.0	104	NA
Dibromomethane	out	06/17/1996	S-8010	na	12.0	NA	NA
1,2-Dichlorobenzene	out	06/17/1996	S-8010	11.7	12.0	98	NA
1,3-Dichlorobenzene	out	06/17/1996	S-8010	12.8	12.0	107	NA
1,4-Dichlorobenzene	out	06/17/1996	S-8010	11.4	12.0	95	NA
Dichlorodifluoromethane	out	06/17/1996	S-8010	11.0	12.0	92	NA
1,1-Dichloroethane	out	06/17/1996	S-8010	12.8	12.0	107	NA
1,2-Dichloroethane	out	06/17/1996	S-8010	12.7	12.0	106	NA
1,1-Dichloroethene	out	06/17/1996	S-8010	11.9	12.0	99	NA
cis-1,2-Dichloroethene	out	06/17/1996	S-8010	12.7	12.0	106	NA
trans-1,2-Dichloroethene	out	06/17/1996	S-8010	13.5	12.0	113	NA
Dichloromethane	out	06/17/1996	S-8010	na	12.0	NA	NA
1,2-Dichloropropane	out	06/17/1996	S-8010	13.6	12.0	113	NA
cis-1,3-Dichloropropene	out	06/17/1996	S-8010	11.8	12.0	98	NA
trans-1,3-Dichloropropene	out	06/17/1996	S-8010	10.9	12.0	91	NA
Methylene chloride	out	06/17/1996	S-8010	11.4	12.0	95	NA
1,1,2,2-Tetrachloroethane	out	06/17/1996	S-8010	13.0	12.0	108	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
Continuing Calibration Verification
(CCV)

JOB NUMBER: 96.04565

PARAMETER	ANALYST	DATE ANALYZED	METHOD	CCV RESULT	CCV TRUE CONCENTRATION	% REC.	FLAG
1,1,1,2-Tetrachloroethane	out	06/17/1996	S-8010	na	12.0	NA	NA
Tetrachloroethene	out	06/17/1996	S-8010	12.5	12.0	104	NA
1,1,1-Trichloroethane	out	06/17/1996	S-8010	11.6	12.0	97	NA
1,1,2-Trichloroethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
Trichloroethene	out	06/17/1996	S-8010	11.5	12.0	96	NA
Trichlorofluoromethane	out	06/17/1996	S-8010	11.4	12.0	95	NA
1,2,3-Trichloropropane	out	06/17/1996	S-8010	na	12.0	NA	NA
Vinyl Chloride	out	06/17/1996	S-8010	11.7	12.0	98	NA
TPH as Gasoline	jar	06/17/1996	S-8015M	1050	1000	105	NA
TPH as Gasoline	bdb	06/19/1996	S-8015M	1130	1000	113	NA

Method References and Codes

The Quality Control report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

E-100 through 493: "Methods for Chemical Analysis of Water & Wastes", U.S. EPA, 600/4-79-020, rev. 1983.

E-601 through 625: "Guidelines Establishing Test Procedures for the Analysis of Pollutants", U.S. EPA, 40CFR, Part 136, rev. 1990.

S-1000 through 9999: "Test Methods for Evaluating Solid Waste", U.S. EPA SW-846, 3rd Edition, 1986.

A: "Standard Methods for the Examination of Water and Wastewater", 16th Edition, APHA, 1985.

SM: "Standard Methods for the Examination of Water and Wastewater", 18th Edition, APHA, 1992.

D: ASTM Method

M: Method has been modified

*: Other Reference

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04565

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Aluminum	06/13/1996	<0.10	mg/L	0.10	NA
Arsenic	06/13/1996	<0.03	mg/L	0.03	NA
Barium	06/13/1996	<0.01	mg/L	0.01	NA
Cadmium	06/13/1996	<0.01	mg/L	0.01	NA
Calcium	06/13/1996	<0.50	mg/L	0.50	NA
Chromium	06/13/1996	<0.01	mg/L	0.01	NA
Copper	06/13/1996	<0.01	mg/L	0.01	NA
Iron	06/13/1996	<0.01	mg/L	0.01	NA
Lead	06/13/1996	<0.03	mg/L	0.03	NA
Magnesium	06/13/1996	<0.10	mg/L	0.10	NA
Manganese	06/13/1996	<0.01	mg/L	0.01	NA
Mercury, CVAA	06/12/1996	<0.0002	mg/L	0.0002	NA
Nickel	06/13/1996	<0.03	mg/L	0.03	NA
Potassium	06/13/1996	<0.50	mg/L	0.50	NA
Selenium	06/13/1996	<0.04	mg/L	0.04	NA
Silver	06/13/1996	<0.01	mg/L	0.01	NA
Sodium	06/13/1996	<0.50	mg/L	0.50	NA
Zinc	06/13/1996	<0.03	mg/L	0.03	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/12/1996	<2	ug/L	2	NA
Ethylbenzene	06/12/1996	<2	ug/L	2	NA
Toluene	06/12/1996	<2	ug/L	2	NA
Xylenes, Total	06/12/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/13/1996	<2	ug/L	2	NA
Ethylbenzene	06/13/1996	<2	ug/L	2	NA
Toluene	06/13/1996	<2	ug/L	2	NA
Xylenes, Total	06/13/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/17/1996	<2	ug/L	2	NA
Ethylbenzene	06/17/1996	<2	ug/L	2	NA
Toluene	06/17/1996	<2	ug/L	2	NA
Xylenes, Total	06/17/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/18/1996	<2	ug/L	2	NA
Ethylbenzene	06/18/1996	<2	ug/L	2	NA
Toluene	06/18/1996	<2	ug/L	2	NA
Xylenes, Total	06/18/1996	<2	ug/L	2	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

NET®

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04565

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/18/1996	<2	ug/L	2	NA
Ethylbenzene	06/18/1996	<2	ug/L	2	NA
Toluene	06/18/1996	<2	ug/L	2	NA
Xylenes, Total	06/18/1996	<2	ug/L	2	NA
EPA-8020 AQ (NONPRESERVED)					
Benzene	06/19/1996	<2	ug/L	2	NA
Ethylbenzene	06/19/1996	<2	ug/L	2	NA
Toluene	06/19/1996	<2	ug/L	2	NA
Xylenes, Total	06/19/1996	<2	ug/L	2	NA
VOLATILES-8010 AQ(PRESERVED)					
Benzyl chloride	06/17/1996	na	ug/L	NA	NA
Bis(2-chloroethoxy)methane	06/17/1996	na	ug/L	NA	NA
Bis(2-chloroisopropyl)ether	06/17/1996	na	ug/L	NA	NA
Bromobenzene	06/17/1996	<1.0	ug/L	NA	NA
Bromodichloromethane	06/17/1996	<0.40	ug/L	NA	NA
Bromoform	06/17/1996	<0.40	ug/L	NA	NA
Bromomethane	06/17/1996	<0.40	ug/L	NA	NA
Carbon tetrachloride	06/17/1996	<0.40	ug/L	NA	NA
Chlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
Chloroethane	06/17/1996	<0.40	ug/L	NA	NA
2-Chloroethylvinyl ether	06/17/1996	<1.0	ug/L	NA	NA
Chloroform	06/17/1996	<0.40	ug/L	NA	NA
1-Chlorohexane	06/17/1996	na	ug/L	NA	NA
Chloromethane	06/17/1996	<0.40	ug/L	NA	NA
Chloromethyl methyl ether	06/17/1996	na	ug/L	NA	NA
4-Chlorotoluene	06/17/1996	na	ug/L	NA	NA
Dibromochloromethane	06/17/1996	<0.40	ug/L	NA	NA
Dibromomethane	06/17/1996	<1.0	ug/L	NA	NA
1,2-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
1,3-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
1,4-Dichlorobenzene	06/17/1996	<0.40	ug/L	NA	NA
Dichlorodifluoromethane	06/17/1996	<0.40	ug/L	NA	NA
1,1-Dichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,2-Dichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1-Dichloroethene	06/17/1996	<0.40	ug/L	NA	NA
cis-1,2-Dichloroethene	06/17/1996	<0.50	ug/L	NA	NA
trans-1,2-Dichloroethene	06/17/1996	<0.40	ug/L	NA	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
BLANKS

JOB NUMBER: 96.04565

PARAMETER	DATE ANALYZED	BLANK	UNITS	REPORTING LIMIT	FLAG
Dichloromethane	06/17/1996	na	ug/L	NA	NA
1,2-Dichloropropane	06/17/1996	<0.40	ug/L	NA	NA
cis-1,3-Dichloropropene	06/17/1996	<0.40	ug/L	NA	NA
trans-1,3-Dichloropropene	06/17/1996	<0.40	ug/L	NA	NA
Methylene chloride	06/17/1996	<10	ug/L	NA	NA
1,1,2,2-Tetrachloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1,1,2-Tetrachloroethane	06/17/1996	<1.0	ug/L	NA	NA
Tetrachloroethene	06/17/1996	<0.40	ug/L	NA	NA
1,1,1-Trichloroethane	06/17/1996	<0.40	ug/L	NA	NA
1,1,2-Trichloroethane	06/17/1996	<0.40	ug/L	NA	NA
Trichloroethene	06/17/1996	<0.40	ug/L	NA	NA
Trichlorofluoromethane	06/17/1996	<0.40	ug/L	NA	NA
1,2,3-Trichloropropane	06/17/1996	<1.0	ug/L	NA	NA
Vinyl Chloride	06/17/1996	<0.40	ug/L	NA	NA
TPH California Method-Aqueous					
TPH as Gasoline	06/17/1996	<50	ug/L	50	NA
TPH as Gasoline	06/19/1996	<50	ug/L	50	NA

Advisory Control Limits for Blanks

Metals/Wet Chemistry/Conventionals/GC - All compounds should be less than the Reporting Limit.

GC/MS Semi-Volatiles - All compounds should be less than the Reporting Limit except for phthalates which should be less than 5 times the Reporting Limit.

GC/MS Volatiles - Toluene, Methylene chloride, Acetone and Chloroform should be less than 5 times the Reporting Limit. All other volatile compounds should be less than the Reporting Limit.

QUALITY CONTROL REPORT
Laboratory Control Sample
(LCS)

JOB NUMBER: 96.04565

PARAMETER	LCS RESULT	TRUE CONC.	LCS % REC.	FLAG
Aluminum	1.00	1.00	100	
Arsenic	1.00	1.00	100	
Barium	1.00	1.00	100	
Cadmium	1.00	1.00	100	
Calcium	11.0	11.0	100	
Chromium	1.00	1.00	100	
Copper	1.00	1.00	100	
Iron	1.00	1.00	100	
Lead	1.00	1.00	100	
Magnesium	10.0	10.0	100	
Manganese	1.00	1.00	100	
Mercury, CVAA	0.43	0.50	86	
Nickel	1.00	1.00	100	
Potassium	10.0	10.0	100	
Selenium	1.00	1.00	100	
Silver	1.00	1.00	100	
Sodium	10.0	10.0	100	
Zinc	0.97	1.00	97	
EPA-8020 AQ (NONPRESERVED)				
Benzene	22	20	110	
Ethylbenzene	25	20	125	
Toluene	23	20	115	
Xylenes, Total	53	40	133	
EPA-8020 AQ (NONPRESERVED)				
Benzene	17	20	85	
Ethylbenzene	21	20	105	
Toluene	19	20	95	
Xylenes, Total	43	40	108	
EPA-8020 AQ (NONPRESERVED)				
Benzene	17	20	85	
Ethylbenzene	21	20	105	
Toluene	19	20	95	
Xylenes, Total	43	40	108	
TPH as Gasoline	760	1000	76	

Advisory Control Limits for LCS

Inorganic Parameters - The LCS recovery should be 80-120%.

NET®

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate (MS / MSD)

JOB NUMBER: 96.04565

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Aluminum	4.81	9.87	7.43	1.00	506	262	64	OUT
Aluminum	<0.10	0	1.00	0	0	100	200	
Aluminum	1.00	1.00	1.00	1.00	0	0	0	
Aluminum	4.81	9.87	7.43	1.00	506	262	64	OUT
Arsenic	0.11	1.07	1.01	1.00	96	90	6.5	
Arsenic	<0.03	1.00	1.00	1.00	100	100	0	
Arsenic	0.05	1.00	1.00	1.00	95	95	0	
Arsenic	0.11	1.07	1.01	1.00	96	90	6.5	
Barium	0.99	1.91	1.79	1.00	92	80	14	
Barium	<0.01	1.00	1.00	1.00	100	100	0	
Barium	1.09	1.00	1.00	1.00	-8	-8	0	
Barium	0.99	1.91	1.79	1.00	92	80	14	
Cadmium	<0.01	0.88	0.85	1.00	88	85	3.5	
Cadmium	<0.01	1.00	1.00	1.00	100	100	0	
Cadmium	<0.01	1.00	1.00	1.00	100	100	0	
Cadmium	<0.01	0.88	0.85	1.00	88	85	3.5	
Calcium	<0.50	1.00	11.0	11.0	9	100	167	
Calcium	<0.50	1.00	11.0	1.00	100	100	0	
Calcium	124	1.00	11.0	1.00	-12299	-1026	169	
Calcium	280	1.00	11.0	1.00	-27899	-2445	168	
Chromium	0.03	0.91	0.87	1.00	88	84	4.7	
Chromium	<0.01	1.00	1.00	1.00	100	100	0	
Chromium	<0.01	1.00	1.00	1.00	100	100	0	
Chromium	<0.01	0.87	0.87	1.00	87	87	0	
Chromium	0.03	0.91	0.87	1.00	88	84	4.7	
Copper	<0.01	0.88	0.85	1.00	88	85	3.5	
Copper	<0.01	1.00	1.00	1.00	100	100	0	
Copper	<0.01	1.00	1.00	1.00	100	100	0	
Copper	<0.01	0.88	0.85	1.00	88	85	3.5	
Iron	19.6	23.0	20.5	1.00	340	90	116	SSR
Iron	<0.01	1.00	1.00	1.00	100	100	0	
Iron	10.7	1.00	1.00	1.00	-969	-969	0	
Iron	19.6	23.0	20.5	1.00	340	90	116	SSR
Lead	<0.03	0.89	0.86	1.00	89	86	3.4	
Lead	<0.03	0.89	0.86	1.00	89	86	3.4	
Lead	<0.03	1.00	1.00	1.00	100	100	0	
Lead	<0.03	1.00	1.00	1.00	100	100	0	
Magnesium	91.0	104	97.7	10.0	130	67	64	SSR
Magnesium	<0.10	1.00	10.0	1.00	100	100	0	
Magnesium	108	1.00	10.0	1.00	-10699	-979	166	
Magnesium	91.0	104	97.7	10.0	130	67	64	SSR

OUT - MS/MSD & Bench Spike outside limits, matrix interference

SSR - The sample was >4x level of spike, skewed recoveries exist.

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate
(MS / MSD)

JOB NUMBER: 96.04565

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Mercury, CVAA	<0.0002	0.0035	0.0034	0.0050	70	68	2.9	MI
Mercury, CVAA	<0.002	0.044	0.043	0.050	88	86	2.3	
Nickel	<0.03	0.91	0.86	1.00	91	86	5.6	
Nickel	<0.03	1.00	1.00	1.00	100	100	0	
Nickel	<0.03	0.91	0.86	1.00	91	86	5.6	
Nickel	<0.03	1.00	1.00	1.00	100	100	0	
Potassium	4.05	13.7	12.3	10.0	97	83	16	
Potassium	<0.50	1.00	10.0	1.00	100	100	0	
Potassium	4.05	13.7	12.3	10.0	97	83	16	
Potassium	7.01	1.00	10.0	1.00	-600	30	221	
Selenium	<0.04	0.85	0.85	1.00	85	85	0	
Selenium	<0.04	1.00	1.00	1.00	100	100	0	
Selenium	<0.04	0.85	0.85	1.00	85	85	0	
Selenium	<0.04	1.00	1.00	1.00	100	100	0	
Silver	<0.01	0.88	0.86	1.00	88	86	2.3	
Silver	<0.01	1.00	1.00	1.00	100	100	0	
Silver	<0.01	0.88	0.86	1.00	88	86	2.3	
Silver	<0.01	1.00	1.00	1.00	100	100	0	
Sodium	275	288	273	10.0	130	-19	273	SSR
Sodium	<0.50	1.00	10.0	1.00	100	100	0	
Sodium	275	288	273	10.0	130	-19	273	SSR
Sodium	1540	1.00	10.0	1.00	-153899	-15299	164	
Zinc	<0.03	0.89	0.86	1.00	89	86	3.4	
Zinc	<0.03	0.89	0.88	1.00	89	88	1.1	
Zinc	<0.03	0.89	0.86	1.00	89	86	3.4	
Zinc	<0.03	1.00	1.00	1.00	100	100	0	
EPA-8020 AQ (NONPRESERVED)								
Benzene	<2	21	22	20	105	110	4.7	
Ethylbenzene	<2	25	25	20	125	125	0	
Toluene	<2	23	23	20	115	115	0	
Xylenes, Total	<2	52	53	40	130	133	1.9	
EPA-8020 AQ (NONPRESERVED)								
Benzene	<2	15	16	20	75	80	6.5	
Ethylbenzene	<2	18	19	20	90	95	5.4	
Toluene	<2	17	17	20	85	85	0	
Xylenes, Total	<2	38	40	40	95	100	5	
VOLATILES-8010 AQ(PRESERVED)								
Benzyl chloride	na	na	na	1.0	NA	NA	NA	
Bis(2-chloroethoxy)methane	na	na	na	1.0	NA	NA	NA	
Bis(2-chloroisopropyl)ether	na	na	na	1.0	NA	NA	NA	
Bromobenzene	na	na	na	1.0	NA	NA	0	

MI - MS/MSD outside limits - matrix interference suspected, refer to LCS.
SSR - The sample was >4x level of spike, skewed recoveries exist.

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

QUALITY CONTROL REPORT
Matrix Spike / Matrix Spike Duplicate (MS / MSD)

JOB NUMBER: 96.04565

PARAMETER	SAMPLE RESULT	MS RESULT	MSD RESULT	SPIKE AMOUNT	MS % REC.	MSD % REC.	MS/MSD RPD	FLAG
Bromodichloromethane	<0.40	na	na	1.0	NA	NA	0	
Bromoform	<1.5	na	na	1.0	NA	NA	0	
Bromomethane	<0.40	na	na	1.0	NA	NA	0	
Carbon tetrachloride	<0.40	na	na	1.0	NA	NA	0	
Chlorobenzene	<0.40	18.5	17.7	20.0	93	89	4.4	
Chloroethane	<0.40	na	na	1.0	NA	NA	0	
2-Chloroethylvinyl ether	<1.0	na	na	1.0	NA	NA	0	
Chloroform	0.8	na	na	1.0	NA	NA	0	
1-Chlorohexane	na	na	na	1.0	NA	NA	NA	
Chloromethane	<0.40	na	na	1.0	NA	NA	0	
Chloromethyl methyl ether	na	na	na	1.0	NA	NA	NA	
4-Chlorotoluene	na	na	na	1.0	NA	NA	NA	
Dibromochloromethane	<0.40	na	na	1.0	NA	NA	0	
Dibromomethane	na	na	na	1.0	NA	NA	0	
1,2-Dichlorobenzene	1.2	na	na	1.0	NA	NA	0	
1,3-Dichlorobenzene	<0.40	na	na	1.0	NA	NA	0	
1,4-Dichlorobenzene	0.9	na	na	1.0	NA	NA	0	
Dichlorodifluoromethane	<1.0	na	na	1.0	NA	NA	0	
1,1-Dichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,2-Dichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1-Dichloroethene	<0.40	19.2	19.1	20.0	96	96	0.5	
cis-1,2-Dichloroethene	<0.50	na	na	1.0	NA	NA	0	
trans-1,2-Dichloroethene	<0.40	na	na	1.0	NA	NA	0	
Dichloromethane	na	na	na	1.0	NA	NA	NA	
1,2-Dichloropropane	1.4	na	na	1.0	NA	NA	0	
cis-1,3-Dichloropropene	<0.40	na	na	1.0	NA	NA	0	
trans-1,3-Dichloropropene	<0.40	na	na	1.0	NA	NA	0	
Methylene chloride	<10	na	na	1.0	NA	NA	0	
1,1,2,2-Tetrachloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1,1,2-Tetrachloroethane	na	na	na	1.0	NA	NA	0	
Tetrachloroethene	<0.40	na	na	1.0	NA	NA	0	
1,1,1-Trichloroethane	<0.40	na	na	1.0	NA	NA	0	
1,1,2-Trichloroethane	1.0	na	na	1.0	NA	NA	0	
Trichloroethene	<0.40	18.4	17.4	20.0	92	87	5.6	
Trichlorofluoromethane	<0.40	na	na	1.0	NA	NA	0	
1,2,3-Trichloropropane	na	na	na	1.0	NA	NA	0	
Vinyl Chloride	<0.40	na	na	1.0	NA	NA	0	

Advisory Control Limits for MS/MSDs

Inorganic Parameters - The spike recovery should be 75-125% if the spike amount value is greater than or equal to one fourth of the sample result value. The RPD for the MS/MSD should be less than 20.

NOTE: Matrix Spike Samples may not be samples from this job.

NATIONAL ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY RECORD

COMPANY NNG / ENRON Env. Affairs
ADDRESS Rm 3AC-3142, POBox 1188, Houston, TX, 77251
PHONE 713-646-7327 FAX 713-646-7867
PROJECT NAME/LOCATION NNG EUNICE STATION
PROJECT NUMBER
PROJECT MANAGER GEORGE ROBINSON

REPORT TO G. Robinson
INVOICE TO G Robinson
P.O. NO.
NET QUOTE NO.

SAMPLED BY SANDY SHARP (PRINT NAME) Sandy Sharp (SIGNATURE)
(PRINT NAME) SIGNATURE

DATE	TIME	SAMPLE ID/DESCRIPTION	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	OTHER	ANALYSES: 8010/8020	8015(Mod)	Metals
6		NNG-1	A			4		1			–	–	–
		NNG-2				4		1			–	–	–
		NNG-4				4		1			–	–	–
		NNG-5				4		1			–	–	–
		NNG-6				4		1			–	–	–
		NNG-7				4		1			–	–	–

To assist us in selecting the proper method

Is this work being conducted for regulatory compliance monitoring? Yes X No
Is this work being conducted for regulatory enforcement action? Yes No X
Which regulations apply: RCRA ___ NPDES Wastewater ___ UST ___ Drinking Water ___ Other ___ None X

COMMENTS

Metals: Ca, Mg, K, Na, As, Ba, Cd, Cr, Cu, Fe, Pb, Mn, Hg, Se, Ag, Zn, Ni, Al

~~8010/8020 should~~
Added by lab

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO
FIELD FILTERED? YES / NO
COC SEALS PRESENT AND INTACT? YES / NO
VOLATILES FREE OF HEADSPACE? YES / NO
TEMPERATURE UPON RECEIPT: 4°C
Bottles supplied by NET? YES / NO

SAMPLE REMAINDER DISPOSAL: RETURN SAMPLE REMAINDER TO CLIENT VIA
I REQUEST NET TO DISPOSE OF ALL SAMPLE REMAINDERS SS
DATE 6/7/96

RELINQUISHED BY	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR NET BY:
S Sharp	6/7/96				6/8/96	1040	Lisa Sanders

METHOD OF SHIPMENT: FEDEX
REMARKS:

OCEAN GROUP

PT 1 - ORIGINAL - WHITE PT 2 - NET PROJECT MANAGER - YELLOW PT 3 - CUSTOMER COPY - PINK

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station

Attachment #2

Lab Reports for the March 1996
MW-3 PSH Capillary Analysis

CORE LABORATORIES

LABORATORY TESTS RESULTS
04/03/96

JOB NUMBER: 961436 CUSTOMER: ENRON OPERATIONS CORPORATION ATTN: GEORGE ROBINSON

CLIENT I.D.....:
DATE SAMPLED.....: / /
TIME SAMPLED.....: :
WORK DESCRIPTION...: Eunice Station MW-3 HC

LABORATORY I.D...: 961436-0001
DATE RECEIVED....: 03/26/96
TIME RECEIVED....: 15:46
REMARKS.....:

TEST DESCRIPTION	FINAL RESULT	LIMITS/*DILUTION	UNITS OF MEASURE	TEST METHOD	DATE	TECHN
Capillary Gas Chromatography	Attached		See Attached	Capilliary GC	03/28/96	PKT
Distillation		*1		ASTM D-86	03/27/96	DBC
I.B.P.	182	0	Deg F.	ASTM D-86		
5% Recovered	245	1				
10% Recovered	293	1				
20% Recovered	362	1				
30% Recovered	429	1				
40% Recovered	508	1				
50% Recovered	573	1				
60% Recovered	615	1				
70% Recovered	667	1				
80% Recovered	706	1				
90% Recovered	730	1				
95% Recovered	743	1				
End Point	744	1	Deg F.			
% Recovered	96.0	0.1				
% Loss	---	0.1				
% Residue	---	0.1				
Kinematic Viscosity	5.87		cSt @40 Deg C	ASTM D-445	03/27/96	JCM
Specific Gravity	0.8625		@ 60/60 Deg F	ASTM D-4052	03/27/96	RF

P O BOX 34766
HOUSTON, TX 77234-4282
(713) 943-9776

ISO 9002

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
Methane	0.01	0.03	0.09
Ethane	0.01	0.02	0.05
Propane	0.06	0.09	0.20
Isobutane	0.05	0.07	0.13
n-Butane	0.18	0.24	0.45
iso-Pentane	0.28	0.36	0.59
n-Pentane	0.30	0.38	0.63
Cyclopentane	0.09	0.09	0.19
2,3-Dimethylbutane	0.07	0.08	0.12
2-Methylpentane	0.51	0.62	0.89
3-Methylpentane	0.47	0.56	0.82
n-Hexane	0.99	1.19	1.72
2,2-Dimethylpentane	0.02	0.02	0.03
Methylcyclopentane	0.79	0.84	1.41
2,4-Dimethylpentane	0.05	0.06	0.07
Benzene	0.15	0.13	0.28
Cyclohexane	1.02	1.04	1.81
2-Methylhexane	0.49	0.57	0.73
2,3-Dimethylpentane	0.23	0.26	0.34
1,1-Dimethylcyclopentane	0.12	0.12	0.18
3-Methylhexane	0.68	0.78	1.01
cis-1,3-Dimethylcyclopentane	0.30	0.32	0.46
trans-1,3-Dimethylcyclopentane	0.27	0.29	0.42
3-Ethylpentane	0.07	0.08	0.10
trans-1,2-Dimethylcyclopentane	0.51	0.54	0.78
n-Heptane	1.38	1.60	2.06
Methylcyclohexane	2.11	2.17	3.22
2,2-Dimethylhexane	0.17	0.19	0.22
Ethylcyclopentane	0.18	0.18	0.27
2,5-Dimethylhexane	0.08	0.09	0.10
2,4-Dimethylhexane	0.10	0.11	0.13
trans,cis-1,2,4-Trimethylcyclopentane	0.22	0.23	0.29
trans,cis-1,2,3-Trimethylcyclopentane	0.26	0.28	0.35
Toluene	0.11	0.10	0.18

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
2,3-Dimethylhexane	0.18	0.20	0.23
2-Methyl-3-Ethylpentane	0.07	0.07	0.09
2-Methylheptane	0.84	0.96	1.10
4-Methylheptane	0.19	0.21	0.24
3-Methylheptane	0.49	0.55	0.64
cis-1,3-Dimethylcyclohexane	0.83	0.86	1.11
trans-1,4-Dimethylcyclohexane	0.27	0.28	0.37
2,2,4,4-Tetramethylpentane	0.10	0.11	0.11
trans-1-Ethyl-3-Methylcyclopentane	0.12	0.12	0.16
cis-1-Ethyl-3-Methylcyclopentane	0.11	0.11	0.14
trans-1-Ethyl-2-Methylcyclopentane	0.24	0.23	0.31
1-Ethyl-1-Methylcyclopentane	0.02	0.02	0.03
trans-1,2-Dimethylcyclohexane	0.36	0.37	0.48
n-Octane	2.21	2.49	2.90
2-Methyl-4-Ethylhexane	0.03	0.03	0.03
2,3,5-Trimethylhexane	0.02	0.02	0.02
cis-1-Ethyl-2-Methylcyclopentane	0.03	0.03	0.04
2,2-Dimethylheptane	0.02	0.02	0.02
cis-1,2-Dimethylcyclohexane	0.19	0.18	0.25
n-Propylcyclopentane	1.30	1.33	1.74
2,6-Dimethylheptane	0.46	0.48	0.54
1,1,3-Trimethylcyclohexane	0.51	0.53	0.59
3,5-Dimethylheptane	0.26	0.29	0.31
2,3,3-Trimethylhexane	0.05	0.05	0.06
3,3-Dimethylheptane	0.05	0.05	0.06
3-Methyl-3-Ethylhexane	0.05	0.05	0.06
Ethylbenzene	1.21	1.10	1.70
trans,trans-1,2,4-Trimethylcyclohexane	0.25	0.25	0.29
cis,trans-1,3,5-Trimethylhexane	0.01	0.01	0.01
meta-Xylene	1.05	0.96	1.48
para-Xylene	0.71	0.65	1.00
3,4-Dimethylheptane	0.06	0.06	0.07
4-Ethylheptane	0.09	0.10	0.10
2,3-Dimethyl-3-Ethylpentane	0.02	0.02	0.02

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
4-Methyloctane	0.33	0.37	0.39
2-Methyloctane	0.45	0.50	0.53
3-Methyloctane	0.85	0.94	1.00
3,3-Diethylpentane	0.02	0.02	0.02
ortho-Xylene	0.66	0.59	0.93
1-Methyl-2-Propylcyclopentane	0.25	0.25	0.29
cis-1-Ethyl-3-Methylcyclohexane	0.44	0.44	0.52
trans-1-Ethyl-4-Methylcyclohexane	0.26	0.25	0.30
iso-Butylcyclopentane	0.08	0.08	0.09
2,2,6-Trimethylheptane	0.02	0.02	0.02
n-Nonane	2.49	2.76	2.93
Unidentified C-9 Compounds	0.29	0.32	0.34
trans-1-Ethyl-3-Methylcyclohexane	0.28	0.28	0.34
1-Methyl-1-Ethylcyclohexane	0.07	0.07	0.08
iso-Propylbenzene	0.18	0.16	0.22
sec-Butylcyclopentane	0.24	0.23	0.28
iso-Propylcyclohexane	0.16	0.16	0.19
2,2-Dimethyloctane	0.10	0.11	0.10
4,4-Dimethyloctane	0.06	0.06	0.06
3,5-Dimethyloctane	0.09	0.10	0.09
Propylcyclohexane	0.55	0.55	0.65
n-Butylcyclopentane	0.23	0.22	0.27
2,6-Dimethyloctane	0.72	0.78	0.75
3,3-Dimethyloctane	0.07	0.07	0.07
n-Propylbenzene	0.40	0.37	0.50
1,3-Dimethyl-2-Ethylcyclohexane	0.45	0.45	0.48
meta-Ethyltoluene	0.66	0.60	0.82
para-Ethyltoluene	0.44	0.41	0.55
1,3,5-Trimethylbenzene	0.41	0.38	0.51
4-Ethyloctane	0.11	0.12	0.11
5-Methylnonane	0.17	0.18	0.18
4-Methylnonane	0.46	0.50	0.48
ortho-Ethyltoluene	0.70	0.63	0.87

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
3-Ethyloctane	0.13	0.14	0.13
3-Methylnonane	0.57	0.62	0.60
trans-1-Methyl-4-isopropylcyclohexane	0.13	0.13	0.14
1,2,4-Trimethylbenzene	0.91	0.83	1.14
cis-1-Methyl-3-Propylcyclohexane	0.19	0.18	0.20
ter-Butylcyclohexane	0.17	0.17	0.18
iso-Butylcyclohexane	0.23	0.22	0.24
cis-1-Methyl-4-isopropylcyclohexane	0.14	0.14	0.15
1-Ethyl-2,3-Dimethylcyclohexane	0.08	0.08	0.08
iso-Butylbenzene	0.15	0.14	0.16
n-Decane	2.44	2.65	2.57
Unidentified C-10 Compounds	0.63	0.68	0.66
1,2,3-Trimethylbenzene	0.46	0.42	0.57
Indane	0.16	0.13	0.20
1-Methyl-4-isopropylbenzene	0.11	0.10	0.12
sec-Butylcyclohexane	0.79	0.77	0.85
1-Methyl-2-isopropylbenzene	0.05	0.04	0.05
1,3-Diethylbenzene	0.15	0.13	0.16
1-Methyl-3-Propylbenzene	0.52	0.48	0.58
1-Methyl-4-Propylbenzene	0.20	0.18	0.22
n-Butylbenzene	0.14	0.13	0.15
1,3-Dimethyl-5-Ethylbenzene	0.27	0.25	0.31
1,2-Diethylbenzene	0.08	0.07	0.09
1-Methyl-2-Propylbenzene	0.39	0.36	0.44
4-Methyldecane	0.24	0.25	0.23
1,4-Dimethyl-2-Ethylbenzene	0.18	0.16	0.20
1,3-Dimethyl-4-Ethylbenzene	0.29	0.27	0.33
3-Methyldecane	0.25	0.26	0.23
1,2-Dimethyl-4-Ethylbenzene	0.21	0.19	0.23
1-Methyl-3-ter-Butylbenzene	0.03	0.03	0.03
1,3-Dimethyl-2-Ethylbenzene	0.08	0.07	0.09
1-Methyl-4-ter-Butylbenzene	0.01	0.01	0.01
1,2-Dimethyl-3-Ethylbenzene	0.21	0.18	0.23

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
n-Undecane	2.40	2.58	2.31
Unidentified C-11 Compounds	2.51	2.69	2.41
1,2,4,5-Tetramethylbenzene	0.10	0.09	0.11
(2-Methylbutyl)Benzene	0.10	0.09	0.10
1,2,3,5-Tetramethylbenzene	0.16	0.14	0.17
1,2,3,4-Tetramethylbenzene	0.33	0.30	0.37
Pentylbenzene	0.03	0.03	0.03
trans-1-Methyl(4-Methylpentane)cyclopentane	0.11	0.10	0.10
n-Dodecane	1.98	2.09	1.74
Naphthalene	0.08	0.05	0.09
2-Methyl Naphthalene	0.33	0.26	0.35
1-Methyl Naphthalene	0.11	0.08	0.11
Unidentified C12 Compounds	3.62	3.34	3.36
Tridecane	2.06	1.64	1.67
Unidentified C13 Compounds	4.20	3.34	3.50
Tetradecane	1.97	1.57	1.49
Unidentified C14 Compounds	3.62	2.89	2.74
Pentadecane	1.68	1.72	1.18
Unidentified C15 Compounds	3.08	3.17	2.18
Hexadecane	1.44	1.48	0.95
Unidentified C16 Compounds	3.54	3.64	2.35
Heptadecane	1.17	1.19	0.73
Pristane	0.78	0.79	0.44
Unidentified C17 Compounds	2.09	2.14	1.30
Octadecane	0.95	0.97	0.56
Phytane	0.62	0.64	0.33
Unidentified C18 Compounds	1.33	1.37	0.79
Nonadecane	1.06	1.08	0.59
Unidentified C19 Compounds	0.62	0.63	0.34
Eicosane	0.77	0.78	0.41
Unidentified C20 Compounds	0.68	0.68	0.36
Heneicosane	0.66	0.66	0.33
Unidentified C21 Compounds	0.99	0.99	0.50
Docosane	0.66	0.66	0.32

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations Corporation
Job No: 961436-1
Sample ID: Eunice Station MW-3 HC

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
Unidentified C22 Compounds	0.58	0.58	0.28
Tricosane	0.54	0.55	0.25
Unidentified C23 Compounds	0.48	0.49	0.22
Tetracosane	0.51	0.53	0.23
Unidentified C24 Compounds	0.35	0.37	0.16
Pentacosane	0.45	0.47	0.19
Unidentified C25 Compounds	0.09	0.09	0.04
Hexacosane	0.40	0.40	0.16
Unidentified C26 Compounds	0.15	0.15	0.06
Heptacosane	0.32	0.32	0.13
Unidentified C27 Compounds	0.11	0.11	0.04
Octacosane	0.27	0.27	0.10
Unidentified C28 Compounds	0.03	0.03	0.01
Nonacosane	0.22	0.19	0.08
Unidentified C29 Compounds	0.02	0.02	0.01
Tricontane	0.18	0.17	0.06
Unidentified C29 Plus	1.47	1.44	0.52
	100.00	100.00	100.00

	Paraffins	iso-Paraffins	Olefins	Naphthenes	Aromatics	Unidentified
C_1	0.03					
C_2	0.02					
C_3	0.09					
C_4	0.24	0.07				
C_5	0.38	0.36		0.09		
C_6	1.19	1.26	---	1.88	0.13	
C_7	1.60	1.77	---	3.62	0.10	
C_8	2.49	2.49	---	4.04	3.30	
C_9	2.76	3.03	---	3.32	3.93	0.32
C_{10}	2.65	2.68	---	2.14	3.33	0.68
C_{11}	2.58	0.51	---	0.10	0.47	2.69
C_{12}	2.09		---			3.34
C_{12+}	14.65		---			22.15
Total, L.V. %	30.77	13.60	0.00	15.19	11.26	29.18

Semi-Annual Report of Groundwater Monitoring Activities

Northern Natural Gas Company
Eunice Compressor Station

Attachment #3

Lab Report for the September 1995 "Pipeline Liquids" AST Sample Capillary Analysis

CORELAB

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations
Job No: 955228-5
Sample ID: NNG Eunice Cond Tank #034 09/29/95

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
Propane	0.01	0.01	0.05
n-Butane	0.01	0.01	0.05
iso-Pentane	0.01	0.01	0.05
n-Pentane	0.01	0.02	0.07
2-Methylpentane	0.01	0.02	0.06
3-Methylpentane	0.01	0.01	0.04
n-Hexane	0.02	0.03	0.10
Methylcyclopentane	0.02	0.02	0.09
Cyclohexane	0.03	0.03	0.13
2-Methylhexane	0.01	0.02	0.05
3-Methylhexane	0.02	0.03	0.09
n-Heptane	0.05	0.06	0.19
Methylcyclohexane	0.10	0.11	0.41
2-Methylheptane	0.04	0.05	0.14
cis-1,3-Dimethylcyclohexane	0.02	0.02	0.07
n-Octane	0.08	0.09	0.28
n-Propylcyclopentane	0.06	0.06	0.19
2,6-Dimethylheptane	0.02	0.02	0.05
1,1,3-Trimethylcyclohexane	0.03	0.03	0.08
3,5-Dimethylheptane	0.01	0.01	0.03
trans,trans-1,2,4-Trimethylcyclohexane	0.01	0.01	0.04
2,3-Dimethylheptane	0.01	0.01	0.04
4-Methyloctane	0.01	0.01	0.04
2-Methyloctane	0.02	0.02	0.05
3-Methyloctane	0.02	0.02	0.06
1-Methyl-2-Propylcyclopentane	0.01	0.01	0.02
cis-1-Ethyl-3-Methylcyclohexane	0.02	0.02	0.06
trans-1-Ethyl-4-Methylcyclohexane	0.02	0.02	0.05
n-Nonane	0.06	0.06	0.17
trans-1-Ethyl-3-Methylcyclohexane	0.02	0.02	0.05
sec-Butylcyclopentane	0.01	0.01	0.04
iso-Propylcyclohexane	0.01	0.01	0.02
Propylcyclohexane	0.03	0.03	0.08

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations
Job No: 955228-5
Sample ID: NNG Eunice Cond Tank #034 09/29/95

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
2,6-Dimethyloctane	0.04	0.04	0.11
1,3-Dimethyl-2-Ethylcyclohexane	0.01	0.01	0.02
1,3,5-Trimethylbenzene	0.01	0.01	0.04
5-Methylnonane	0.01	0.01	0.02
4-Methylnonane	0.02	0.02	0.05
ortho-Ethyltoluene	0.02	0.02	0.07
3-Methylnonane	0.02	0.03	0.06
cis-1-Methyl-3-Propylcyclohexane	0.03	0.03	0.08
iso-Butylcyclohexane	0.01	0.01	0.03
n-Decane	0.05	0.05	0.14
Unidentified C-10 Compounds	0.53	0.58	1.44
sec-Butylcyclohexane	0.04	0.04	0.11
1-Methyl-3-Propylbenzene	0.01	0.01	0.02
1-Methyl-2-Propylbenzene	0.01	0.01	0.03
4-Methyldecane	0.01	0.01	0.02
1,4-Dimethyl-2-Ethylbenzene	0.01	0.01	0.03
3-Methyldecane	0.01	0.01	0.02
n-Undecane	0.03	0.03	0.08
Unidentified C-11 Compounds	0.02	0.03	0.06
1,2,3,5-Tetramethylbenzene	0.01	0.01	0.03
1,2,3,4-Tetramethylbenzene	0.01	0.01	0.02
n-Dodecane	0.03	0.03	0.06
Unidentified C12 Compounds	0.01	0.01	0.03
Tridecane	0.02	0.01	0.03
Unidentified C13 Compounds	0.04	0.03	0.09
Tetradecane	0.01	0.01	0.02
Unidentified C14 Compounds	0.02	0.02	0.05
Pentadecane	0.01	0.01	0.02
Unidentified C15 Compounds	0.19	0.19	0.34
Hexadecane	0.04	0.04	0.06
Unidentified C16 Compounds	0.02	0.02	0.03
Heptadecane	0.07	0.07	0.11
Pristane	0.03	0.03	0.04

CORE LABORATORIES

P.O. Box 34766
Houston, TX 77234
(713) 943-9776

Enron Operations
Job No: 955228-5
Sample ID: NNG Eunice Cond Tank #034 09/29/95

CAPILLARY ANALYSIS

	Wt. %	L.V. %	Mole %
Unidentified C17 Compounds	0.04	0.04	0.07
Octadecane	0.13	0.14	0.20
Phytane	0.07	0.07	0.10
Unidentified C18 Compounds	0.10	0.10	0.15
Nonadecane	0.21	0.22	0.31
Unidentified C19 Compounds	0.23	0.24	0.33
Eicosane	0.23	0.24	0.32
Unidentified C20 Compounds	0.32	0.33	0.44
Heneicosane	0.24	0.25	0.32
Unidentified C21 Compounds	0.90	0.92	1.18
Docosane	0.15	0.15	0.18
Unidentified C22 Compounds	1.90	1.93	2.38
Tricosane	0.16	0.17	0.20
Unidentified C23 Compounds	1.23	1.27	1.47
Tetracosane	0.03	0.03	0.03
Unidentified C24 Compounds	2.17	2.28	2.49
Unidentified C25 Compounds	2.21	2.31	2.44
Unidentified C26 Compounds	1.82	1.83	1.94
Unidentified C27 Compounds	1.39	1.39	1.43
Unidentified C28 Compounds	1.72	1.72	1.70
Unidentified C29 Plus	82.53	82.01	76.02
	100.00	100.00	100.00