US EPA RECORDS CENTER REGION 5
463966

0310245002 - Cook
Hysan Corporation
LUST File

HYSAN CORPORATION
3000 W. 139TH STREET, BLUE ISLAND, IL 60406 • 708/597-7770 • FAX: 708/597-6494

Incident #913642

December 9, 1994

RECEIVED
DEC 12 1994
IEPA

Mr. Russel Irwin
IEPA
Bureau of Land - #24
2200 Churchill Rd.
Springfield, Il 62706

Re: Tank Closure Site 2-008894

MR. IRWIN, As per our telephone conversation on December 6, 1994, enclosed you will find the documents you requested for our underground tank project closure. This includes a copy of the soil sample test results, site map, the letter from Exxon we discussed, and Product Data Sheets for the Isopar products. I have also included a copy of the Certification of Destruction for the tanks from Mosbeck Industrial Equipment.

Upon review of our file, our original tank registration forms (1986) indicate the six tanks were originally registered to store the chemicals that were, at all times, stored in the tanks, except the one 3000 gallon tank where we had Isopar M stored instead of Isopar E. We have no other documentation to show otherwise.

If you need additional information or assistance, please call me at 708-597-7770.

Sincerely,

Marti L Rosenthal

Marti L. Rosenthal
Regulatory Affairs Manager

Enclosures

c:\general\1209ust.wp

SCREENED

gabriel laboratories, ltd.
Environmental & Energy Services

1421 North Elston Ave.
Chicago, Illinois 60622
Phone (312) 486-2123
Fax (312) 486-0004

January 20, 1992

RECEIVED
JAN 30 1992
J. SMOTHERS

Mr. Steve Twiddy
Mosbeck Industrial Equipment
160 West 154th Street
South Holland, IL 60473

Subject: Results of Analyses, Hysan Corporation

Dear Steve:

Per our discussion last week enclosed is our analytical report and instrument library search data for the samples collected from the Hysan excavation.

The gas chromatography/mass spectroscopy analytical method performed was EPA 8240. The data report for this method includes information on forty (40) common compounds. Since it was known that the tank contents and site history indicated that non-method compounds could also be present, a library search was also performed in order to tentatively identify unknown peaks and provide an estimated concentration.

The samples and analytical data may be crossed reference as follows:

Sample Description	Laboratory Log No.	Instrument Lab ID.
1_EW (East Wall)	**0028-92**	**N1784**
2-NEB(North East Bottom)	0029-92	N1785
3_NW (North Wall)	**0075-92**	**N1786**
7_WW (West Wall)	0076-92	N1787
6_SW (South Wall)	**0077-92**	**N1788**
8_WB (west Bottom)	0078-92	N1789

The samples that are in bold produced useful library search information. A computer library search will tentatively identify a chromatogram peak by matching the peak's mass spectral data with one of the 42,231 stored mass spectra in the instrument's data system.

The parameters for evaluating a tentative identification are Fit and Purity. Fit defines how well the spectral data of the chosen chromatographic peak fits into the NIST library mass spectrum. Purity evaluates whether the sample's mass spectral pattern has additional ions which are not in the mass spectrum of the matched compound.

If both the Fit and Purity characteristics are above "900", the tentative identification is fairly accurate. As either number approaches "700" the identification is doubtful. Below "700" is highly doubtful. In many cases, the "best match" for a particular peak is highly doubtful.

In addition to tentatively identifying peaks, an estimated concentration can also be provided. This is accomplished by comparing the peak area of the internal standards(concentration of 50 ug/L or 50 ppb each) to the area of the tentatively identified peak.

It should be noted that all library search data is footnoted as being tentative and estimated. In order to confirm the compounds' presence and concentration, a five point calibration would need to be performed for each tentatively identified compound in order to chart its response under instrument conditions.

As a final note, a volatile method and instrument library search may not identify all organic compounds in soil. If a contaminant has a high boiling point it will not be efficiently purged from a soil and therefore will not be detected during analyses. Compounds with a high boiling point need to be solvent extracted and then the extract solution is analyzed for semi-volatile compounds.

I hope this letter has explained your questions up to this point. If you need any more information, please do not hesitate to contact me.

Sincerely,

Mary E. Shuey

Mary E. Shuey
Technical Sales Consultant

Gabriel Laboratories, Ltd.

gabriel laboratories, ltd.
Environmental & Energy Services

JOHN POLICH, P.E.
Associate

1421 North Elston Ave.
Chicago, Illinois 60622
Phone (312) 486-2123
Fax (312) 486-0004

gabriel laboratories, ltd.
Environmental & Energy Services

Forth Wall

Sample Number
3_NW

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0075-92
Sample Matrix: SOIL
Data Release Authorized By: Donald Panek

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/06/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG		CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U	79-01-6	Trichloroethene	5.00	U
75-71-8	Dichlorodifluoromethane	10.0	U	78-87-5	1,2-Dichloropropane	2.00	U
74-87-3	Chloromethane	5.00	U	75-27-4	Bromodichloromethane	2.00	U
75-01-4	Vinyl Chloride	5.00	U	110-75-8	2-Chloroethylvinylether	10.0	U
74-83-9	Bromomethane	5.00	U	10061-01-5	cis-1,3-Dichloropropene	2.00	U
75-00-3	Chloroethane	5.00	U	591-78-6	2-Hexanone	20.0	U
75-69-4	Trichlorofluoromethane	5.00	U	108-88-3	Toluene	2.64	
75-35-4	1,1-Dichloroethene	2.00	U	10061-02-6	trans-1,3-Dichloropropene	2.00	U
75-15-0	Carbon Disulfide	5.00	U	79-00-5	1,1,2-Trichloroethane	2.00	U
67-64-1	Acetone	20.0	U	127-18-4	Tetrachloroethene	2.00	U
75-09-2	Methylene Chloride	4.07		124-48-1	Dibromochloromethane	2.00	U
540-59-0	1,2-Dichloroethene (trans)	2.00	U	108-10-1	4-Methyl-2-Pentanone	5.00	U
107-13-1	Acrylonitrile	20.0	U	108-90-7	Chlorobenzene	2.00	U
75-34-3	1,1-Dichloroethane	2.00	U	100-41-4	Ethylbenzene	2.00	U
108-05-4	Vinyl Acetate	20.0	U	1330-20-7	o-Xylene	2.00	U
78-93-3	Methyl Ethyl Ketone	20.0	U	1330-20-7	Xylenes (meta or para)	5.00	U
67-66-3	Chloroform	2.00	U	100-42-5	Styrene	2.00	U
71-55-6	1,1,1-Trichloroethane	2.00	U	75-25-2	Bromoform	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U	79-34-5	1,1,2,2-Tetrachloroethane	10.0	U
71-43-2	Benzene	1.50	U				
107-06-2	1,2-Dichloroethane	2.00	U				

The Lab ID for data on this page is N1786.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas N. Athanas

gabriel laboratories, ltd.
Environmental & Energy Services

East wall

Sample Number
1_EW

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0028-92
Sample Matrix: SOIL
Data Release Authorized By: Donna Janek

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/07/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG		CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U	79-01-6	Trichloroethene	5.00	U
75-71-8	Dichlorodifluoromethane	10.0	U	78-87-5	1,2-Dichloropropane	2.00	U
74-87-3	Chloromethane	5.00	U	75-27-4	Bromodichloromethane	2.00	U
75-01-4	Vinyl Chloride	5.00	U	110-75-8	2-Chloroethylvinylether	10.0	U
74-83-9	Bromomethane	5.00	U	10061-01-5	cis-1,3-Dichloropropene	2.00	U
75-00-3	Chloroethane	5.00	U	591-78-6	2-Hexanone	20.0	U
75-69-4	Trichlorofluoromethane	5.00	U	108-88-3	Toluene	29.3	
75-35-4	1,1-Dichloroethene	2.00	U	10061-02-6	trans-1,3-Dichloropropene	2.00	U
75-15-0	Carbon Disulfide	5.00	U	79-00-5	1,1,2-Trichloroethane	2.00	U
67-64-1	Acetone	20.0	U	127-18-4	Tetrachloroethene	2.00	U
75-09-2	Methylene Chloride	249		124-48-1	Dibromochloromethane	2.00	U
540-59-0	1,2-Dichloroethene (trans)	2.00	U	108-10-1	4-Methyl-2-Pentanone	5.00	U
107-13-1	Acrylonitrile	20.0	U	108-90-7	Chlorobenzene	2.00	U
75-34-3	1,1-Dichloroethane	2.00	U	100-41-4	Ethylbenzene	2.00	U
108-05-4	Vinyl Acetate	20.0	U	1330-20-7	o-Xylene	2.00	U
78-93-3	Methyl Ethyl Ketone	20.0	U	1330-20-7	Xylenes (meta or para)	5.00	U
67-66-3	Chloroform	2.00	U	100-42-5	Styrene	2.00	U
71-55-6	1,1,1-Trichloroethane	144		75-25-2	Bromoform	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U	79-34-5	1,1,2,2-Tetrachloroethane	10.0	U
71-43-2	Benzene	1.50	U				
107-06-2	1,2-Dichloroethane	2.00	U				

The Lab ID for data on this page is N1784.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas N. Athan

gabriel laboratories, ltd.
Environmental & Energy Services

South Wall

Sample Number
6_SW

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0077-92
Sample Matrix: SOIL
Data Release Authorized By: Danuta Panek

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/06/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U
75-71-8	Dichlorodifluoromethane	10.0	U
74-87-3	Chloromethane	5.00	U
75-01-4	Vinyl Chloride	5.00	U
74-83-9	Bromomethane	5.00	U
75-00-3	Chloroethane	5.00	U
75-69-4	Trichlorofluoromethane	5.00	U
75-35-4	1,1-Dichloroethene	2.00	U
75-15-0	Carbon Disulfide	5.00	U
67-64-1	Acetone	20.0	U
75-09-2	Methylene Chloride	2.75	
540-59-0	1,2-Dichloroethene (trans)	2.00	U
107-13-1	Acrylonitrile	20.0	U
75-34-3	1,1-Dichloroethane	2.00	U
108-05-4	Vinyl Acetate	20.0	U
78-93-3	Methyl Ethyl Ketone	20.0	U
67-66-3	Chloroform	2.00	U
71-55-6	1,1,1-Trichloroethane	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U
71-43-2	Benzene	1.50	U
107-06-2	1,2-Dichloroethane	2.00	U

CAS Number		UG/KG	
79-01-6	Trichloroethene	5.00	U
78-87-5	1,2-Dichloropropane	2.00	U
75-27-4	Bromodichloromethane	2.00	U
110-75-8	2-Chloroethylvinylether	10.0	U
10061-01-5	cis-1,3-Dichloropropene	2.00	U
591-78-6	2-Hexanone	20.0	U
108-88-3	Toluene	2.00	U
10061-02-6	trans-1,3-Dichloropropene	2.00	U
79-00-5	1,1,2-Trichloroethane	2.00	U
127-18-4	Tetrachloroethene	2.00	U
124-48-1	Dibromochloromethane	2.00	U
108-10-1	4-Methyl-2-Pentanone	5.00	U
108-90-7	Chlorobenzene	2.00	U
100-41-4	Ethylbenzene	2.74	
1330-20-7	o-Xylene	3.62	
1330-20-7	Xylenes (meta or para)	5.00	U
100-42-5	Styrene	2.00	U
75-25-2	Bromoform	2.00	U
79-34-5	1,1,2,2-Tetrachloroethane	10.0	U

The Lab ID for data on this page is N1788.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas

gabriel laboratories, ltd.
Environmental & Energy Services

West Wall

Sample Number
7_WW

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0076-92
Sample Matrix: SOIL
Data Release Authorized By: Danielle Jones

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/06/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG		CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U	79-01-6	Trichloroethene	5.00	U
75-71-8	Dichlorodifluoromethane	10.0	U	78-87-5	1,2-Dichloropropane	2.00	U
74-87-3	Chloromethane	5.00	U	75-27-4	Bromodichloromethane	2.00	U
75-01-4	Vinyl Chloride	5.00	U	110-75-8	2-Chloroethylvinylether	10.0	U
74-83-9	Bromomethane	5.00	U	10061-01-5	cis-1,3-Dichloropropene	2.00	U
75-00-3	Chloroethane	5.00	U	591-78-6	2-Hexanone	20.0	U
75-69-4	Trichlorofluoromethane	5.00	U	108-88-3	Toluene	2.00	U
75-35-4	1,1-Dichloroethene	2.00	U	10061-02-6	trans-1,3-Dichloropropene	2.00	U
75-15-0	Carbon Disulfide	5.00	U	79-00-5	1,1,2-Trichloroethane	2.00	U
67-64-1	Acetone	20.0	U	127-18-4	Tetrachloroethene	2.00	U
75-09-2	Methylene Chloride	2.00	U	124-48-1	Dibromochloromethane	2.00	U
540-59-0	1,2-Dichloroethene (trans)	2.00	U	108-10-1	4-Methyl-2-Pentanone	5.00	U
107-13-1	Acrylonitrile	20.0	U	108-90-7	Chlorobenzene	2.00	U
75-34-3	1,1-Dichloroethane	2.00	U	100-41-4	Ethylbenzene	2.00	U
108-05-4	Vinyl Acetate	20.0	U	1330-20-7	o-Xylene	2.00	U
78-93-3	Methyl Ethyl Ketone	20.0	U	1330-20-7	Xylenes (meta or para)	5.00	U
67-66-3	Chloroform	2.00	U	100-42-5	Styrene	2.00	U
71-55-6	1,1,1-Trichloroethane	2.58		75-25-2	Bromoform	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U	79-34-5	1,1,2,2-Tetrachloroethane	10.0	U
71-43-2	Benzene	1.50	U				
107-06-2	1,2-Dichloroethane	2.00	U				

The Lab ID for data on this page is N1787.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas N. Athanas

gabriel laboratories, ltd.
Environmental & Energy Services

North East Bottom

Sample Number
2_NEB

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0029-92
Sample Matrix: SOIL
Data Release Authorized By: Danuta Panek

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/06/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U
75-71-8	Dichlorodifluoromethane	10.0	U
74-87-3	Chloromethane	5.00	U
75-01-4	Vinyl Chloride	5.00	U
74-83-9	Bromomethane	5.00	U
75-00-3	Chloroethane	5.00	U
75-69-4	Trichlorofluoromethane	5.00	U
75-35-4	1,1-Dichloroethene	2.00	U
75-15-0	Carbon Disulfide	5.00	U
67-64-1	Acetone	20.0	U
75-09-2	Methylene Chloride	9.02	
540-59-0	1,2-Dichloroethene (trans)	2.00	U
107-13-1	Acrylonitrile	20.0	U
75-34-3	1,1-Dichloroethane	2.00	U
108-05-4	Vinyl Acetate	20.0	U
78-93-3	Methyl Ethyl Ketone	20.0	U
67-66-3	Chloroform	2.00	U
71-55-6	1,1,1-Trichloroethane	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U
71-43-2	Benzene	1.50	U
107-06-2	1,2-Dichloroethane	2.00	U

CAS Number		UG/KG	
79-01-6	Trichloroethene	5.00	U
78-87-5	1,2-Dichloropropane	2.00	U
75-27-4	Bromodichloromethane	2.00	U
110-75-8	2-Chloroethylvinylether	10.0	U
10061-01-5	cis-1,3-Dichloropropene	2.00	U
591-78-6	2-Hexanone	20.0	U
108-88-3	Toluene	2.00	U
10061-02-6	trans-1,3-Dichloropropene	2.00	U
79-00-5	1,1,2-Trichloroethane	2.00	U
127-18-4	Tetrachloroethene	2.00	U
124-48-1	Dibromochloromethane	2.00	U
108-10-1	4-Methyl-2-Pentanone	5.00	U
108-90-7	Chlorobenzene	2.00	U
100-41-4	Ethylbenzene	2.00	U
1330-20-7	o-Xylene	2.00	U
1330-20-7	Xylenes (meta or para)	5.00	U
100-42-5	Styrene	2.00	U
75-25-2	Bromoform	2.00	U
79-34-5	1,1,2,2-Tetrachloroethane	10.0	U

The Lab ID for data on this page is N1785.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.
Analyst: Nicholas E. Athanas

gabriel laboratories, ltd.
Environmental & Energy Services

West Bottom

Sample Number
8_WB

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: 0078-92
Sample Matrix: SOIL
Data Release Authorized By: Danuta Paner

Case No: 010592
QC Report No:
Contract No: MOSBECK
Date Sample Received: 01/03/92

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/07/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

CAS Number		UG/KG		CAS Number		UG/KG	
98-64-5	Iodomethane	2.00	U	79-01-6	Trichloroethene	5.00	U
75-71-8	Dichlorodifluoromethane	10.0	U	78-87-5	1,2-Dichloropropane	2.00	U
74-87-3	Chloromethane	5.00	U	75-27-4	Bromodichloromethane	2.00	U
75-01-4	Vinyl Chloride	5.00	U	110-75-8	2-Chloroethylvinylether	10.0	U
74-83-9	Bromomethane	5.00	U	10061-01-5	cis-1,3-Dichloropropene	2.00	U
75-00-3	Chloroethane	5.00	U	591-78-6	2-Hexanone	20.0	U
75-69-4	Trichlorofluoromethane	5.00	U	108-88-3	Toluene	7.12	
75-35-4	1,1-Dichloroethene	2.00	U	10061-02-6	trans-1,3-Dichloropropene	2.00	U
75-15-0	Carbon Disulfide	5.00	U	79-00-5	1,1,2-Trichloroethane	2.00	U
67-64-1	Acetone	16.3	J	127-18-4	Tetrachloroethene	2.00	U
75-09-2	Methylene Chloride	7.32		124-48-1	Dibromochloromethane	2.00	U
540-59-0	1,2-Dichloroethene (trans)	2.00	U	108-10-1	4-Methyl-2-Pentanone	5.00	U
107-13-1	Acrylonitrile	20.0	U	108-90-7	Chlorobenzene	2.00	U
75-34-3	1,1-Dichloroethane	2.00	U	100-41-4	Ethylbenzene	2.00	U
108-05-4	Vinyl Acetate	20.0	U	1330-20-7	o-Xylene	2.38	
78-93-3	Methyl Ethyl Ketone	20.0	U	1330-20-7	Xylenes (meta or para)	5.00	U
67-66-3	Chloroform	2.00	U	100-42-5	Styrene	2.00	U
71-55-6	1,1,1-Trichloroethane	2.00	U	75-25-2	Bromoform	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U	79-34-5	1,1,2,2-Tetrachloroethane	10.0	U
71-43-2	Benzene	1.50	U				
107-06-2	1,2-Dichloroethane	2.00	U				

The Lab ID for data on this page is N1789.

Date Sampled 12/18/91

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas

gabriel laboratories, ltd.
Environmental & Energy Services

Sample Number
BLANK

VOLATILE ORGANICS ANALYSIS DATA SHEET
8240 COMPOUNDS
(Page 1)

Laboratory Name: GABRIEL LABS
Lab Sample ID No: VBLK83
Sample Matrix: WATER
Data Release Authorized By: Danuta Paner

Case No: 010692
QC Report No:
Contract No: BLANK
Date Sample Received:

Concentration: LOW
Date Extracted/Prepared:
Date Analyzed: 01/07/92
Conc/Dil Factor: 1. pH
Percent Moisture: (Not Decanted)

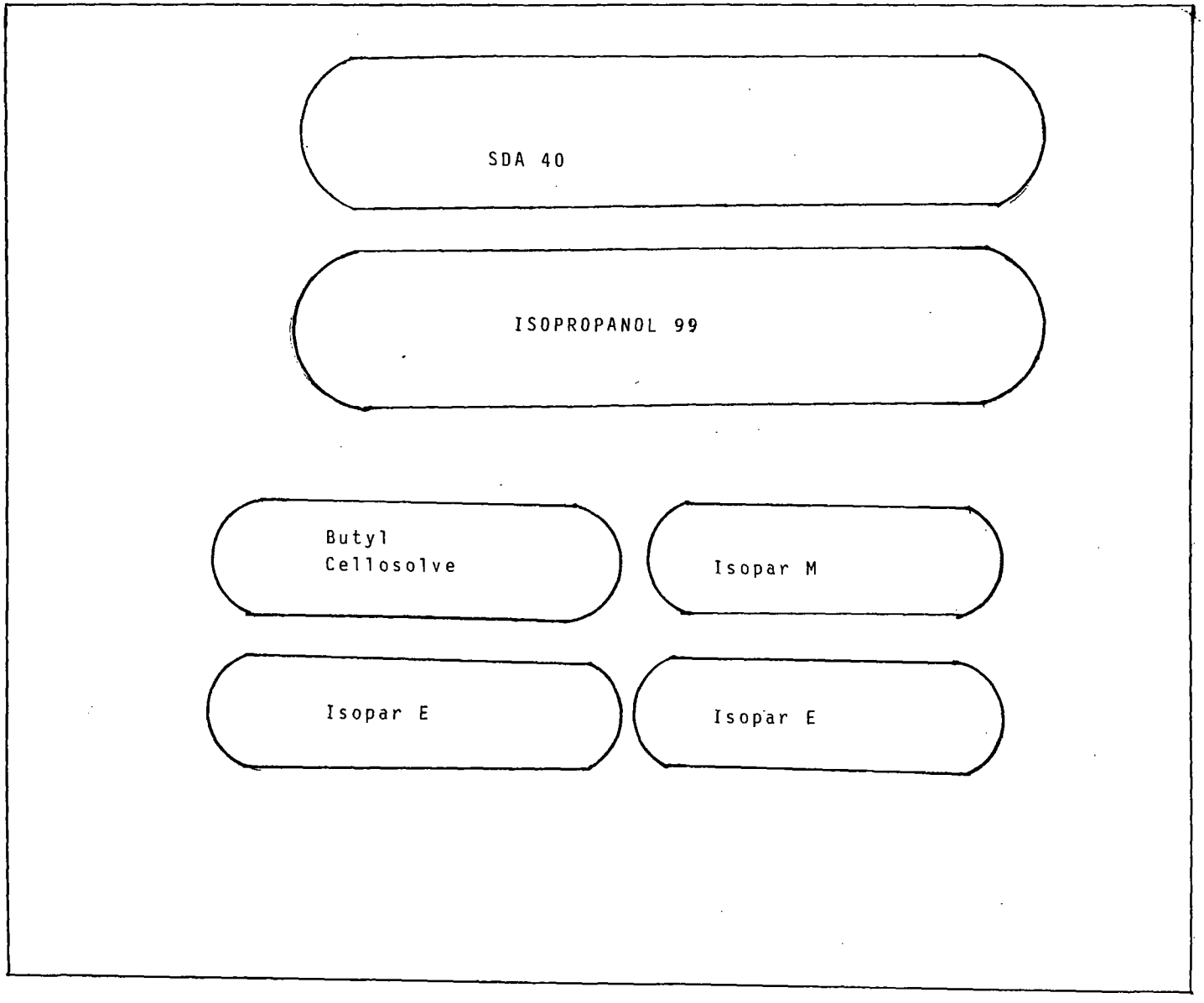
CAS Number		UG/L		CAS Number		UG/L	
98-64-5	Iodomethane	2.00	U	79-01-6	Trichloroethene	5.00	U
75-71-8	Dichlorodifluoromethane	10.0	U	78-87-5	1,2-Dichloropropane	2.00	U
74-87-3	Chloromethane	5.00	U	75-27-4	Bromodichloromethane	2.00	U
75-01-4	Vinyl Chloride	5.00	U	110-75-8	2-Chloroethylvinylether	5.00	U
74-83-9	Bromomethane	5.00	U	10061-01-5	cis-1,3-Dichloropropene	2.00	U
75-00-3	Chloroethane	5.00	U	591-78-6	2-Hexanone	20.0	U
75-69-4	Trichlorofluoromethane	5.00	U	108-88-3	Toluene	2.00	U
75-35-4	1,1-Dichloroethene	2.00	U	10061-02-6	trans-1,3-Dichloropropene	2.00	U
75-15-0	Carbon Disulfide	5.00	U	79-00-5	1,1,2-Trichloroethane	2.00	U
67-64-1	Acetone	20.0	U	127-18-4	Tetrachloroethene	2.00	U
75-09-2	Methylene Chloride	2.00	U	124-48-1	Dibromochloromethane	2.00	U
540-59-0	1,2-Dichloroethene (trans)	2.00	U	108-10-1	4-Methyl-2-Pentanone	5.00	U
107-13-1	Acrylonitrile	20.0	U	108-90-7	Chlorobenzene	2.00	U
75-34-3	1,1-Dichloroethane	2.00	U	100-41-4	Ethylbenzene	2.00	U
108-05-4	Vinyl Acetate	20.0	U	1330-20-7	o-Xylene	2.00	U
78-93-3	Methyl Ethyl Ketone	20.0	U	1330-20-7	Xylenes (meta or para)	5.00	U
67-66-3	Chloroform	2.00	U	100-42-5	Styrene	2.00	U
71-55-6	1,1,1-Trichloroethane	2.00	U	75-25-2	Bromoform	2.00	U
56-23-5	Carbon Tetrachloride	2.00	U	79-34-5	1,1,2,2-Tetrachloroethane	10.0	U
71-43-2	Benzene	1.50	U	541-73-1	1,3-Dichlorobenzene	2.00	U
107-06-2	1,2-Dichloroethane	2.00	U	106-46-7	1,4-Dichlorobenzene	2.00	U
				95-50-1	1,2-Dichlorobenzene	2.00	U

The Lab ID for data on this page is N1783.

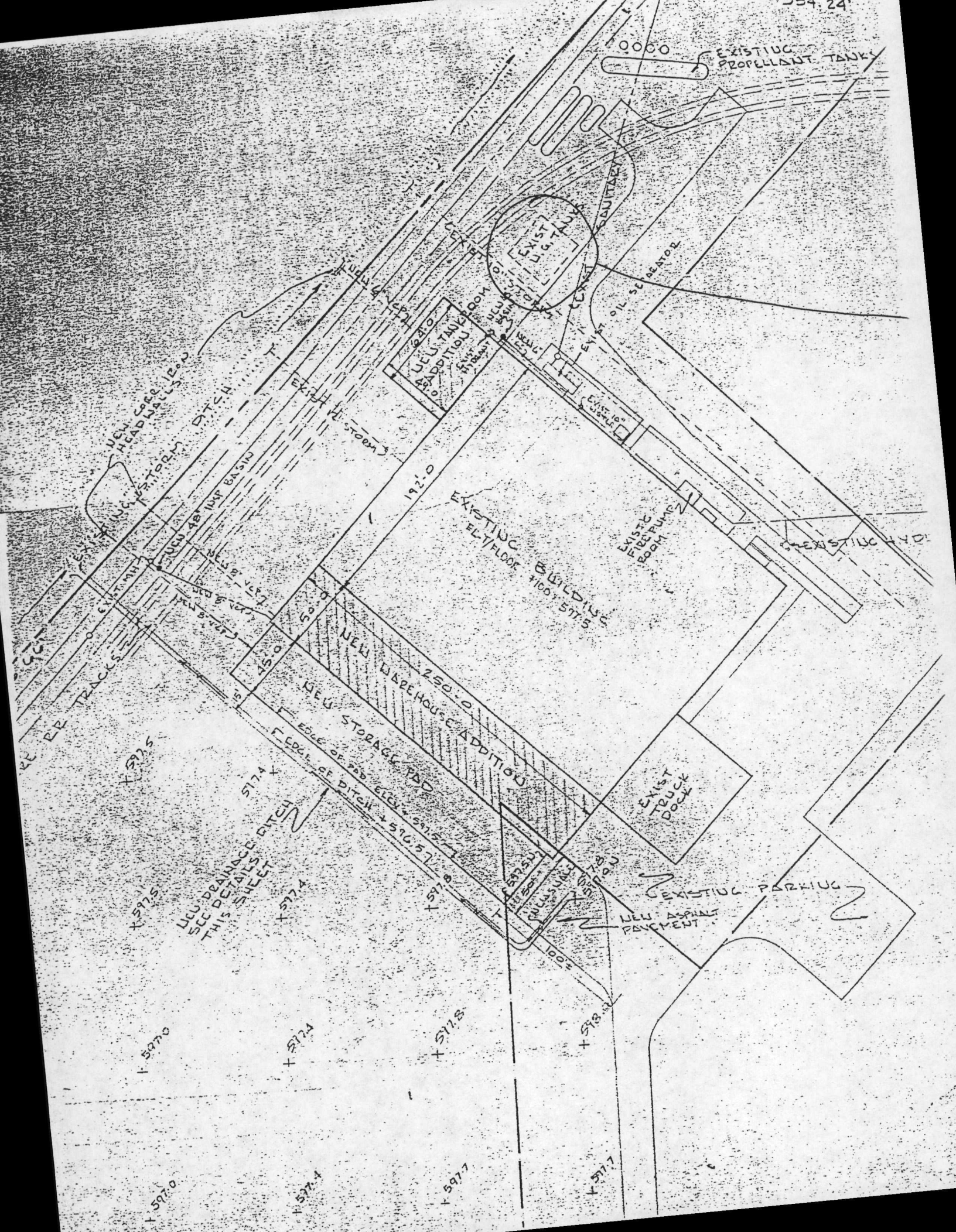
Date Sampled

B - Compound was detected in the QC blank.
J - Reported value is less than the detection limit.
U - Compound analyzed for but not detected. The reported value is the minimum attainable detection limit for the sample.
E - Compound exceeded quantitation range.
T - Tentative I.D.

Analyst: Nicholas E. Athanas


SDA 40
ISOPROPANOL 99
Butyl
Cellosolve
Isopar M
Isopar E
Isopar E

2


EXISTING PROPELLANT TANKS
EXIST. LIGHTING
EXIST. OIL SEPARATOR
NEW TANK ROOM ADDITION
NEW CONC. HEADWALLS
NEW STORM DITCH
EXIST. STORM
NEW 48" INF BASIN
EXISTING BUILDING
ELT/FLOOR +100 = 577.5
EXISTING FIRE PUMP ROOM
EXISTING YD.
192'-0
NEW WAREHOUSE ADDITION
250'-0
NEW STORAGE PAD
EDGE OF PAD ELEV = 597.5
EDGE OF DITCH = 596.5
NEW DRAINAGE DITCH SEE DETAILS THIS SHEET
EXIST. TRUCK DOCK
EXISTING PARKING
NEW ASPHALT PAVEMENT
100'
RR TRACKS
EXIST. MH
597.5
597.4
597.8
597.0
597.7

EXISTING PROPELLANT TANKS
FUTURE RR TRACKS
179.52'
EXIST U.G. TANK
EXIST OIL SEPARATOR
EXIST FIRE PUMP ROOM
EXISTING HYDRANT
EXIST 12" WATER
EXIST TRUCK DOCK
EXISTING PARKING
NEW ASPHALT PAVEMENT
Tank site:
Blow up
next page