IT Corporation
1801 Old Highway 8 N.W., Suite 124
New Brighton, MN 55112-2307
Tel. 651.633.0792
fax. 651.633.1596

A Member of The IT Group

February 13, 2001

Mr. John Kachler
Minnesota Pollution Control Agency – Site Remediation Section
520 Lafayette Road N
St. Paul, MN 55155

Re: Status of Additional Work
Site: Yocum Oil, Jordan Site, 255 Triangle Lane, Jordan, MN
LEAK 000011991

Dear Mr. John Kaehler:

This letter is written to inform you of the current status of the referenced site listed above. In order to perform the additional work listed in the MPCA's letter dated April 10, 2000, approval and bonding is required by MN DOT. During the summer of 2000, IT Corporation and the drilling contractor arranged for such approval and bonding from MN DOT. IT Corporation did not receive approval, and a letter was submitted to MN DOT regarding this matter in October of 2000. After no response, IT Corporation submitted another letter to MN DOT in November of 2000. Approval to perform the additional work was received from MN DOT on December 21, 2000, via e-mail.

IT Corporation is regularly visiting the Yocum Oil site to monitor the existing product recovery system every two weeks. However, site conditions (deep snow) across from and in the median of Hwy 169 would make it very difficult to complete the geoprobe borings in the proposed locations at this time. IT Corporation will be performing the additional work when site conditions improve this spring. IT Corporation will continue to monitor the product recovery system in place and begin the additional work when conditions are more favorable and safer to carry out.

On behalf of Yocum Oil, IT appreciates being able to work with the MPCA on this matter. If you have any questions, please feel free to call me at 651-633-0792.

Sincerely,

IT Corporation

Thomas Hudrlik
Project Scientist

Brad M. Burke, P.E.
Senior Project Manager

cc. T. Yocum, Yocum Oil Company

IT Corporation
1801 Old Highway 8 N.W., Suite 124
New Brighton, MN 55112-2307
Tel. 651.633.0792
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A Member of The IT Group

July 18, 2001

Mr. Tony Yocum
c/o Ms. Donna L. Strusinski
Strusinski & Associates, P.A.
Western Bank Building
1740 Rice Street, Suite 280
St. Paul, MN 55113

Additional Site Assessment
Yocum Oil Site: 255 Triangle Lane, Jordan, MN
Site ID#: LEAK 000011991
IT Project # 806080.02000000

Dear Ms. Strusinski:

IT Corporation (IT) is pleased to present you with the results from the additional site assessment conducted adjacent to the above referenced site. As per the Minnesota Pollution Control Agency, (MPCA) April 10, 2000 letter, an additional subsurface investigation was performed to further delineate the downgradient extent of the contaminant plume. The following information summarizes the results of the additional subsurface investigation required by the MPCA.

Background

Petroleum impacted groundwater exists at the site as a result of a gasoline release. Arden Environmental Engineering, Inc. conducted the initial investigation to determine the extent of the free-product and dissolved contaminant plume. Three monitoring wells and a free-product recovery system were installed as part of the Arden investigation. The Arden investigation did not completely define the extent of the dissolved plume to the north, below Highway 169. IT has been making site visits, every two weeks since March 2000, to check product levels in the wells and perform free-product recovery and system maintenance when needed.

IT prepared a summary of response actions and a work plan for the additional subsurface investigation dated April 26, 2000. Due to the MPCAs requested locations of the additional borings, off-site access had to be obtained from the Department of Transportation (DOT). Access to perform the additional work from the DOT was not received until December 21, 2000. This correspondence is contained as an attachment to

this letter. The additional work was performed on May 30, 2001, since site conditions were not favorable for Geoprobe work during the winter and early spring months (deep snow).

Additional Subsurface Investigation

The drilling contractor, Bergerson-Caswell, under the supervision of IT, advanced a total of three Geoprobe soil borings on May 30, 2001. Two soil borings were advanced on the north side of Highway 169 and the third boring was advance in the median. Continuous soil samples were collected at four-foot intervals using a four-foot long, two-inch diameter Macrocore sampler with a plastic inner sleeve. The soils were described and logged according to the USCS soil classifications. One water sample was collected from each of the three borings advanced.

Soil samples were collected every two feet for organic vapor field screening using the bag headspace field screening procedure and a photoionization detector (PID) according to MPCA Fact Sheet 3.22.

All water samples were collected in laboratory-provided containers, stored on ice in a cooler, and maintained under proper chain-of-custody until they were delivered to the analytical laboratory. Groundwater samples were analyzed for volatile organic compounds (VOCs) via MDH 465F and gasoline range organics (GRO).

Results

No detectable organic vapors were observed in the three borings advanced during this additional site assessment. Groundwater was encountered at approximately three feet below ground surface (bgs) in the two borings advanced on the north side of highway 169 and at approximately 10 feet bgs in the boring advanced in the median.

The groundwater analytical data showed no detectable amounts of GRO and VOCs from the three borings.

Conclusions and Recommendations

Based on this additional investigation the extent of the contaminant plume does not extend across Highway 169 from the site. The extent of the contaminant plume is limited to the area roughly indicated in the Arden report and no further investigation should be required.

As stated in IT's Annual Report Proposal dated July 3rd 2001, IT recommends that the product removal system should continue to operate until there is no measurable product observed in the wells. Once there is no product in the wells, the system should sit idle for at least three more site visits, during which we will measure for product. If the product does not return to the wells during the system off monitoring period, IT will recommend submitting required documentation to the MPCA for site closure.

If you have any questions or require any additional information at this time, please contact IT Corporation at (651) 633-0792.

IT Corporation

Thomas Hudrlik
Project Scientist

Eric J. Ealy, PG
Project Manager/Geologist

Enc. Figure 1
Figure 2
Laboratory Report
Field Forms
Correspondence

cc. John Kaehler, MPCA

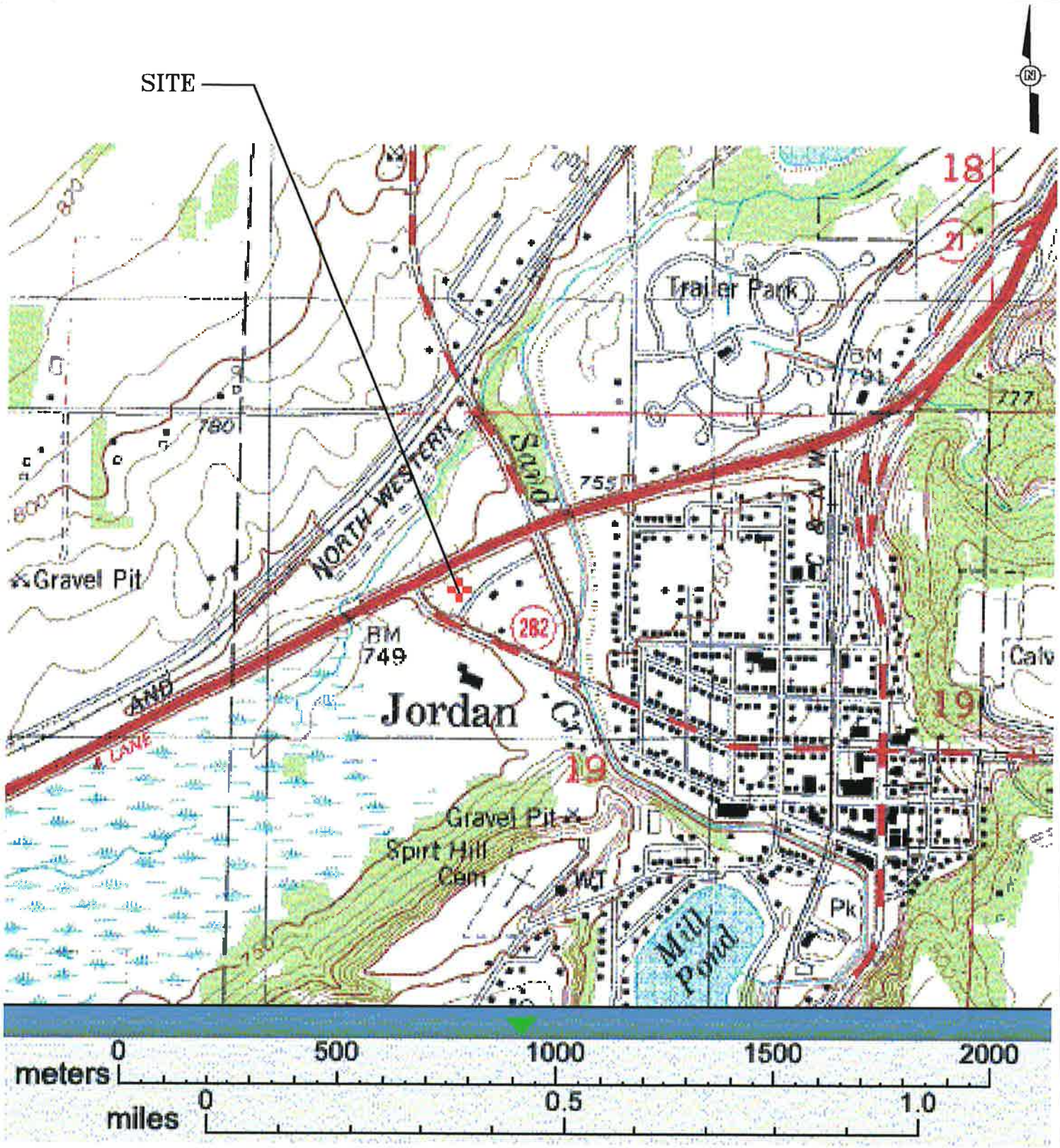


FIGURE 1
SITE LOCATION MAP
YOCUM OIL COMPANY
255 TRIANGLE LANE
JORDAN, MINNESOTA

INTERNATIONAL TECHNOLOGY CORPORATION
1801 Old Highway 8 · Suite 124
St. Paul, Minnesota 55112–2307

Project No. 806080.02000000	Drawn By: FLD	Prj. Mngr.: TH	
		Scale: 1" = 90'	
		File No. FIG 1	
		Date: 07/09/01	

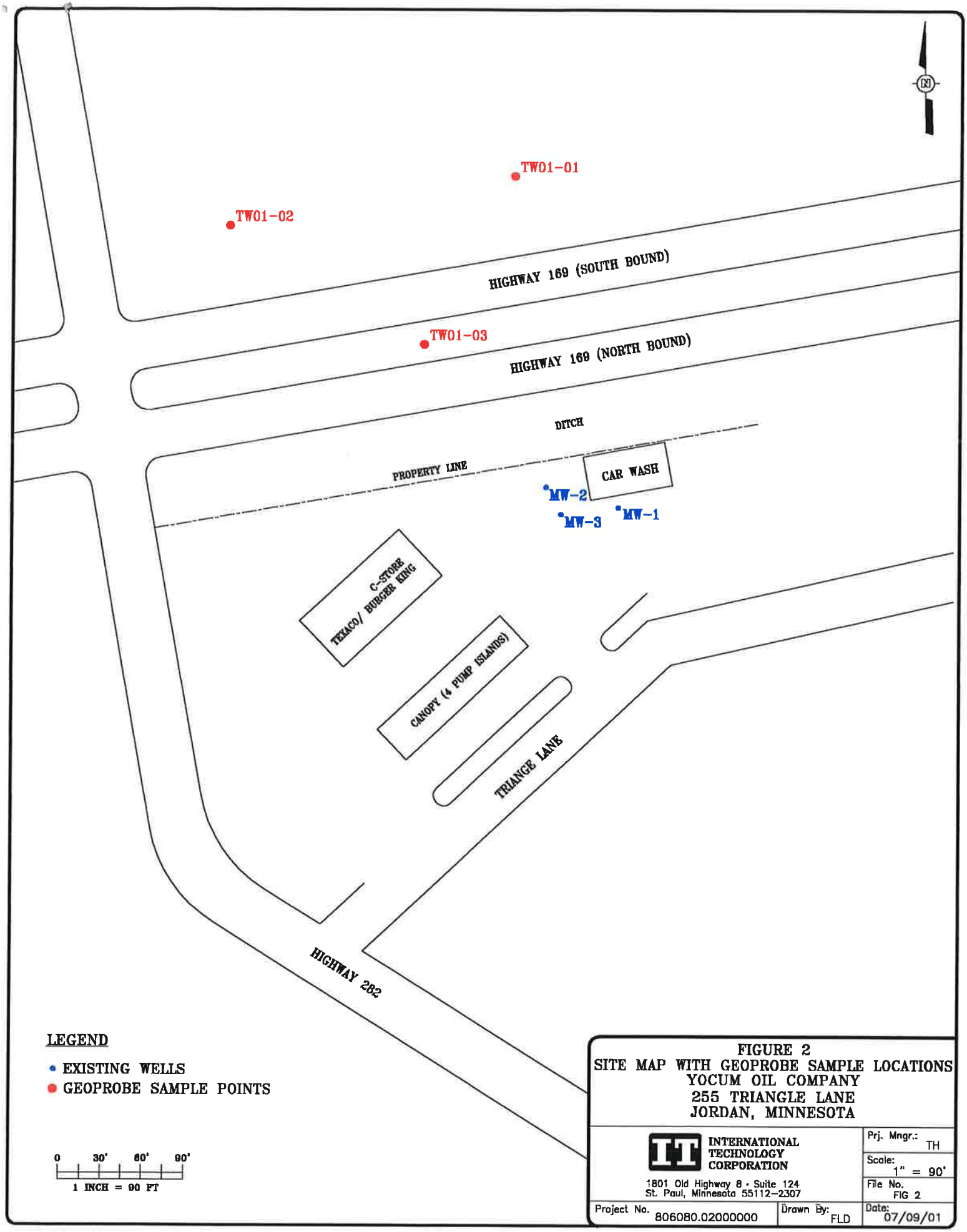


FIGURE 2
SITE MAP WITH GEOPROBE SAMPLE LOCATIONS
YOCUM OIL COMPANY
255 TRIANGLE LANE
JORDAN, MINNESOTA

INTERNATIONAL TECHNOLOGY CORPORATION
1801 Old Highway 8 · Suite 124
St. Paul, Minnesota 55112-2307

Project No. 806080.02000000	Drawn By: FLD	Prj. Mngr.: TH
		Scale: 1" = 90'
		File No. FIG 2
		Date: 07/09/01

Laboratory Report

Pace Analytical™

June 11, 2001

Mr. Eric Ealy
IT Corporation
1801 Old Hwy 8 NW
Suite 124
New Brighton, MN 55112

RE: Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Dear Mr. Ealy:

Enclosed are the analytical results for sample(s) received by the laboratory on May 30, 2001. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Roxanne Patterson

Roxanne Patterson
Project Manager

State of Minnesota laboratory 027-053-137

Enclosures

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

IT Corporation
1801 Old Hwy 8 NW
Suite 124
New Brighton, MN 55112

Attn: Mr. Eric Ealy
Phone: 651-633-0792

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765914 Project Sample Number: 1045108-001 Date Collected: 05/30/01 10:15
Client Sample ID: TW01-01 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles								
WI GRO and PVOC		Method: TPH GRO/PVOC WI		Prep Method: EPA 8015				
Gasoline Range Organics	ND	ug/l	100	06/07/01 15:26	LMD			
Fluorobenzene (S)	96	%		06/07/01 15:26	LMD	462-06-6		
GC/MS Volatiles								
465FM VOCs by MS		Method: EPA 8260		Prep Method: EPA 8260				
Dichlorodifluoromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-71-8		
Chloromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	74-87-3		
Vinyl chloride	ND	ug/l	1.0	05/31/01 23:47	SMT	75-01-4		
Bromomethane	ND	ug/l	1.0	05/31/01 23:47	SMT	74-83-9		
Chloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-00-3		
Dichlorofluoromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-43-4		
Trichlorofluoromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-69-4		
Diethyl ether (Ethyl ether)	ND	ug/l	10.	05/31/01 23:47	SMT	60-29-7		
1,1,2-Trichlorotrifluoroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	76-13-1		
Acetone	ND	ug/l	5.0	05/31/01 23:47	SMT	67-64-1		
1,1-Dichloroethene	ND	ug/l	1.0	05/31/01 23:47	SMT	75-35-4		
Allyl chloride	ND	ug/l	10.	05/31/01 23:47	SMT	107-05-1		
Methylene chloride	ND	ug/l	1.0	05/31/01 23:47	SMT	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	05/31/01 23:47	SMT	1634-04-4		
trans-1,2-Dichloroethene	ND	ug/l	1.0	05/31/01 23:47	SMT	156-60-5		
1,1-Dichloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-34-3		
2-Butanone (MEK)	ND	ug/l	5.0	05/31/01 23:47	SMT	78-93-3		
2,2-Dichloropropane	ND	ug/l	1.0	05/31/01 23:47	SMT	594-20-7		
cis-1,2-Dichloroethene	ND	ug/l	1.0	05/31/01 23:47	SMT	156-59-2		
Chloroform	ND	ug/l	1.0	05/31/01 23:47	SMT	67-66-3		
Bromochloromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	74-97-5		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765914 Project Sample Number: 1045108-001 Date Collected: 05/30/01 10:15
Client Sample ID: TW01-01 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
Tetrahydrofuran	ND	ug/l	10.	05/31/01 23:47	SMT	109-99-9	1	
1,1,1-Trichloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	71-55-6		
1,1-Dichloropropene	ND	ug/l	1.0	05/31/01 23:47	SMT	563-58-6		
Carbon tetrachloride	ND	ug/l	1.0	05/31/01 23:47	SMT	56-23-5		
Benzene	ND	ug/l	1.0	05/31/01 23:47	SMT	71-43-2		
1,2-Dichloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	107-06-2		
1,2-Dichloropropane	ND	ug/l	1.0	05/31/01 23:47	SMT	78-87-5		
Trichloroethene	ND	ug/l	1.0	05/31/01 23:47	SMT	79-01-6		
Dibromomethane	ND	ug/l	1.0	05/31/01 23:47	SMT	74-95-3		
Bromodichloromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	75-27-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	5.0	05/31/01 23:47	SMT	108-10-1		
cis-1,3-Dichloropropene	ND	ug/l	1.0	05/31/01 23:47	SMT	10061-01-5		
Toluene	ND	ug/l	1.0	05/31/01 23:47	SMT	108-88-3		
trans-1,3-Dichloropropene	ND	ug/l	1.0	05/31/01 23:47	SMT	10061-02-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	79-00-5		
1,3-Dichloropropane	ND	ug/l	1.0	05/31/01 23:47	SMT	142-28-9		
Tetrachloroethene	ND	ug/l	1.0	05/31/01 23:47	SMT	127-18-4		
Dibromochloromethane	ND	ug/l	1.0	05/31/01 23:47	SMT	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	05/31/01 23:47	SMT	106-93-4		
Chlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	108-90-7		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	630-20-6		
Ethylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	100-41-4		
m&p-Xylene	ND	ug/l	2.0	05/31/01 23:47	SMT			
o-Xylene	ND	ug/l	1.0	05/31/01 23:47	SMT	95-47-6		
Styrene	ND	ug/l	1.0	05/31/01 23:47	SMT	100-42-5		
Bromoform	ND	ug/l	1.0	05/31/01 23:47	SMT	75-25-2		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	05/31/01 23:47	SMT	98-82-8		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	05/31/01 23:47	SMT	79-34-5		
1,2,3-Trichloropropane	ND	ug/l	1.0	05/31/01 23:47	SMT	96-18-4		
Bromobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	108-86-1		
n-Propylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	103-65-1		
2-Chlorotoluene	ND	ug/l	1.0	05/31/01 23:47	SMT	95-49-8		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	108-67-8		
4-Chlorotoluene	ND	ug/l	1.0	05/31/01 23:47	SMT	106-43-4		
tert-Butylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	98-06-6		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	95-63-6		
sec-Butylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	135-98-8		
p-Isopropyltoluene	ND	ug/l	1.0	05/31/01 23:47	SMT	99-87-6		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765914 Project Sample Number: 1045108-001 Date Collected: 05/30/01 10:15
Client Sample ID: TW01-01 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
1,3-Dichlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	106-46-7		
n-Butylbenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	104-51-8		
1,2-Dichlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	95-50-1		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	05/31/01 23:47	SMT	96-12-8	1	
1,2,4-Trichlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	120-82-1		
Hexachloro-1,3-butadiene	ND	ug/l	1.0	05/31/01 23:47	SMT	87-68-3		
Naphthalene	ND	ug/l	1.0	05/31/01 23:47	SMT	91-20-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	05/31/01 23:47	SMT	87-61-6		
Dibromofluoromethane (S)	87	%		05/31/01 23:47	SMT			
Toluene-d8 (S)	91	%		05/31/01 23:47	SMT	2037-26-5		
4-Bromofluorobenzene (S)	100	%		05/31/01 23:47	SMT	460-00-4		
1,2-Dichloroethane-d4 (S)	88	%		05/31/01 23:47	SMT	17060-07-0		

Lab Sample No: 102765922 Project Sample Number: 1045108-002 Date Collected: 05/30/01 10:30
Client Sample ID: TW01-02 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles								
WI GRO and PVOC		Method: TPH GRO/PVOC WI			Prep Method: EPA 8015			
Gasoline Range Organics	ND	ug/l	100	06/07/01 14:14	LMD			
Fluorobenzene (S)	95	%		06/07/01 14:14	LMD	462-06-6		
GC/MS Volatiles								
465FM VOCs by MS		Method: EPA 8260			Prep Method: EPA 8260			
Dichlorodifluoromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-71-8		
Chloromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	74-87-3		
Vinyl chloride	ND	ug/l	1.0	06/01/01 00:18	SMT	75-01-4		
Bromomethane	ND	ug/l	1.0	06/01/01 00:18	SMT	74-83-9		
Chloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-00-3		
Dichlorofluoromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-43-4		
Trichlorofluoromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-69-4		
Diethyl ether (Ethyl ether)	ND	ug/l	10.	06/01/01 00:18	SMT	60-29-7		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765922 Project Sample Number: 1045108-002 Date Collected: 05/30/01 10:30
Client Sample ID: TW01-02 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
1,1,2-Trichlorotrifluoroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	76-13-1		
Acetone	ND	ug/l	5.0	06/01/01 00:18	SMT	67-64-1		
1,1-Dichloroethene	ND	ug/l	1.0	06/01/01 00:18	SMT	75-35-4		
Allyl chloride	ND	ug/l	10.	06/01/01 00:18	SMT	107-05-1		
Methylene chloride	ND	ug/l	1.0	06/01/01 00:18	SMT	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	06/01/01 00:18	SMT	1634-04-4		
trans-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 00:18	SMT	156-60-5		
1,1-Dichloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-34-3		
2-Butanone (MEK)	ND	ug/l	5.0	06/01/01 00:18	SMT	78-93-3		
2,2-Dichloropropane	ND	ug/l	1.0	06/01/01 00:18	SMT	594-20-7		
cis-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 00:18	SMT	156-59-2		
Chloroform	ND	ug/l	1.0	06/01/01 00:18	SMT	67-66-3	1	
Bromochloromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	74-97-5		
Tetrahydrofuran	ND	ug/l	10.	06/01/01 00:18	SMT	109-99-9		
1,1,1-Trichloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	71-55-6		
1,1-Dichloropropene	ND	ug/l	1.0	06/01/01 00:18	SMT	563-58-6		
Carbon tetrachloride	ND	ug/l	1.0	06/01/01 00:18	SMT	56-23-5		
Benzene	ND	ug/l	1.0	06/01/01 00:18	SMT	71-43-2		
1,2-Dichloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	107-06-2		
1,2-Dichloropropane	ND	ug/l	1.0	06/01/01 00:18	SMT	78-87-5		
Trichloroethene	ND	ug/l	1.0	06/01/01 00:18	SMT	79-01-6		
Dibromomethane	ND	ug/l	1.0	06/01/01 00:18	SMT	74-95-3		
Bromodichloromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	75-27-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	5.0	06/01/01 00:18	SMT	108-10-1		
cis-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 00:18	SMT	10061-01-5		
Toluene	ND	ug/l	1.0	06/01/01 00:18	SMT	108-88-3		
trans-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 00:18	SMT	10061-02-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	79-00-5		
1,3-Dichloropropane	ND	ug/l	1.0	06/01/01 00:18	SMT	142-28-9		
Tetrachloroethene	ND	ug/l	1.0	06/01/01 00:18	SMT	127-18-4		
Dibromochloromethane	ND	ug/l	1.0	06/01/01 00:18	SMT	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	06/01/01 00:18	SMT	106-93-4		
Chlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	108-90-7		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	630-20-6		
Ethylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	100-41-4		
m&p-Xylene	ND	ug/l	2.0	06/01/01 00:18	SMT			
o-Xylene	ND	ug/l	1.0	06/01/01 00:18	SMT	95-47-6		
Styrene	ND	ug/l	1.0	06/01/01 00:18	SMT	100-42-5		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765922 Project Sample Number: 1045108-002 Date Collected: 05/30/01 10:30
Client Sample ID: TW01-02 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
Bromoform	ND	ug/l	1.0	06/01/01 00:18	SMT	75-25-2		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	06/01/01 00:18	SMT	98-82-8		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 00:18	SMT	79-34-5		
1,2,3-Trichloropropane	ND	ug/l	1.0	06/01/01 00:18	SMT	96-18-4		
Bromobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	108-86-1		
n-Propylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	103-65-1		
2-Chlorotoluene	ND	ug/l	1.0	06/01/01 00:18	SMT	95-49-8		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	108-67-8		
4-Chlorotoluene	ND	ug/l	1.0	06/01/01 00:18	SMT	106-43-4		
tert-Butylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	98-06-6		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	95-63-6		
sec-Butylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	135-98-8		
p-Isopropyltoluene	ND	ug/l	1.0	06/01/01 00:18	SMT	99-87-6		
1,3-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	106-46-7		
n-Butylbenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	104-51-8		
1,2-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	95-50-1		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	06/01/01 00:18	SMT	96-12-8	1	
1,2,4-Trichlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	120-82-1		
Hexachloro-1,3-butadiene	ND	ug/l	1.0	06/01/01 00:18	SMT	87-68-3		
Naphthalene	ND	ug/l	1.0	06/01/01 00:18	SMT	91-20-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	06/01/01 00:18	SMT	87-61-6		
Dibromofluoromethane (S)	87	%		06/01/01 00:18	SMT			
Toluene-d8 (S)	89	%		06/01/01 00:18	SMT	2037-26-5		
4-Bromofluorobenzene (S)	99	%		06/01/01 00:18	SMT	460-00-4		
1,2-Dichloroethane-d4 (S)	86	%		06/01/01 00:18	SMT	17060-07-0		

Lab Sample No: 102765955 Project Sample Number: 1045108-003 Date Collected: 05/30/01 11:35
Client Sample ID: TW01-03 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles								
WI GRO and PVOC		Method: TPH GRO/PVOC WI			Prep Method: EPA 8015			
Gasoline Range Organics	ND	ug/l	100	06/07/01 18:37	LMD			

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765955 Project Sample Number: 1045108-003 Date Collected: 05/30/01 11:35
Client Sample ID: TW01-03 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
Fluorobenzene (S)	95	%		06/07/01 18:37	LMD	462-06-6		
GC/MS Volatiles								
465FM VOCs by MS		Method: EPA 8260			Prep Method: EPA 8260			
Dichlorodifluoromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-71-8		
Chloromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	74-87-3		
Vinyl chloride	ND	ug/l	1.0	06/01/01 00:48	SMT	75-01-4		
Bromomethane	ND	ug/l	1.0	06/01/01 00:48	SMT	74-83-9		
Chloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-00-3		
Dichlorofluoromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-43-4		
Trichlorofluoromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-69-4		
Diethyl ether (Ethyl ether)	ND	ug/l	10.	06/01/01 00:48	SMT	60-29-7		
1,1,2-Trichlorotrifluoroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	76-13-1		
Acetone	ND	ug/l	5.0	06/01/01 00:48	SMT	67-64-1		
1,1-Dichloroethene	ND	ug/l	1.0	06/01/01 00:48	SMT	75-35-4		
Allyl chloride	ND	ug/l	10.	06/01/01 00:48	SMT	107-05-1		
Methylene chloride	ND	ug/l	1.0	06/01/01 00:48	SMT	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	06/01/01 00:48	SMT	1634-04-4		
trans-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 00:48	SMT	156-60-5		
1,1-Dichloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-34-3		
2-Butanone (MEK)	ND	ug/l	5.0	06/01/01 00:48	SMT	78-93-3		
2,2-Dichloropropane	ND	ug/l	1.0	06/01/01 00:48	SMT	594-20-7		
cis-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 00:48	SMT	156-59-2		
Chloroform	ND	ug/l	1.0	06/01/01 00:48	SMT	67-66-3		
Bromochloromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	74-97-5		
Tetrahydrofuran	ND	ug/l	10.	06/01/01 00:48	SMT	109-99-9	1	
1,1,1-Trichloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	71-55-6		
1,1-Dichloropropene	ND	ug/l	1.0	06/01/01 00:48	SMT	563-58-6		
Carbon tetrachloride	ND	ug/l	1.0	06/01/01 00:48	SMT	56-23-5		
Benzene	ND	ug/l	1.0	06/01/01 00:48	SMT	71-43-2		
1,2-Dichloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	107-06-2		
1,2-Dichloropropane	ND	ug/l	1.0	06/01/01 00:48	SMT	78-87-5		
Trichloroethene	ND	ug/l	1.0	06/01/01 00:48	SMT	79-01-6		
Dibromomethane	ND	ug/l	1.0	06/01/01 00:48	SMT	74-95-3		
Bromodichloromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	75-27-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	5.0	06/01/01 00:48	SMT	108-10-1		
cis-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 00:48	SMT	10061-01-5		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765955 Project Sample Number: 1045108-003 Date Collected: 05/30/01 11:35
Client Sample ID: TW01-03 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
Toluene	ND	ug/l	1.0	06/01/01 00:48	SMT	108-88-3		
trans-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 00:48	SMT	10061-02-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	79-00-5		
1,3-Dichloropropane	ND	ug/l	1.0	06/01/01 00:48	SMT	142-28-9		
Tetrachloroethene	ND	ug/l	1.0	06/01/01 00:48	SMT	127-18-4		
Dibromochloromethane	ND	ug/l	1.0	06/01/01 00:48	SMT	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	06/01/01 00:48	SMT	106-93-4		
Chlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	108-90-7		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	630-20-6		
Ethylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	100-41-4		
m&p-Xylene	ND	ug/l	2.0	06/01/01 00:48	SMT			
o-Xylene	ND	ug/l	1.0	06/01/01 00:48	SMT	95-47-6		
Styrene	ND	ug/l	1.0	06/01/01 00:48	SMT	100-42-5		
Bromoform	ND	ug/l	1.0	06/01/01 00:48	SMT	75-25-2		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	06/01/01 00:48	SMT	98-82-8		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 00:48	SMT	79-34-5		
1,2,3-Trichloropropane	ND	ug/l	1.0	06/01/01 00:48	SMT	96-18-4		
Bromobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	108-86-1		
n-Propylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	103-65-1		
2-Chlorotoluene	ND	ug/l	1.0	06/01/01 00:48	SMT	95-49-8		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	108-67-8		
4-Chlorotoluene	ND	ug/l	1.0	06/01/01 00:48	SMT	106-43-4		
tert-Butylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	98-06-6		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	95-63-6		
sec-Butylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	135-98-8		
p-Isopropyltoluene	ND	ug/l	1.0	06/01/01 00:48	SMT	99-87-6		
1,3-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	106-46-7		
n-Butylbenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	104-51-8		
1,2-Dichlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	95-50-1		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	06/01/01 00:48	SMT	96-12-8	1	
1,2,4-Trichlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	120-82-1		
Hexachloro-1,3-butadiene	ND	ug/l	1.0	06/01/01 00:48	SMT	87-68-3		
Naphthalene	ND	ug/l	1.0	06/01/01 00:48	SMT	91-20-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	06/01/01 00:48	SMT	87-61-6		
Dibromofluoromethane (S)	88	%		06/01/01 00:48	SMT			
Toluene-d8 (S)	90	%		06/01/01 00:48	SMT	2037-26-5		
4-Bromofluorobenzene (S)	100	%		06/01/01 00:48	SMT	460-00-4		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765955 Project Sample Number: 1045108-003 Date Collected: 05/30/01 11:35
Client Sample ID: TW01-03 Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
1,2-Dichloroethane-d4 (S)	87	%		06/01/01 00:48	SMT	17060-07-0		

Lab Sample No: 102765997 Project Sample Number: 1045108-004 Date Collected: 05/30/01 00:00
Client Sample ID: TRIPBLANKS Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
GC Volatiles								
WI GRO and PVOC		Method: TPH GRO/PVOC WI			Prep Method: EPA 8015			
Gasoline Range Organics	ND	ug/l	100	06/07/01 11:09	LMD			
Fluorobenzene (S)	93	%		06/07/01 11:09	LMD	462-06-6		
GC/MS Volatiles								
465FM VOCs by MS		Method: EPA 8260			Prep Method: EPA 8260			
Dichlorodifluoromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-71-8		
Chloromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	74-87-3		
Vinyl chloride	ND	ug/l	1.0	06/01/01 01:19	SMT	75-01-4		
Bromomethane	ND	ug/l	1.0	06/01/01 01:19	SMT	74-83-9		
Chloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-00-3		
Dichlorofluoromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-43-4		
Trichlorofluoromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-69-4		
Diethyl ether (Ethyl ether)	ND	ug/l	10.	06/01/01 01:19	SMT	60-29-7		
1,1,2-Trichlorotrifluoroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	76-13-1		
Acetone	ND	ug/l	5.0	06/01/01 01:19	SMT	67-64-1		
1,1-Dichloroethene	ND	ug/l	1.0	06/01/01 01:19	SMT	75-35-4		
Allyl chloride	ND	ug/l	10.	06/01/01 01:19	SMT	107-05-1		
Methylene chloride	ND	ug/l	1.0	06/01/01 01:19	SMT	75-09-2		
Methyl-tert-butyl ether	ND	ug/l	1.0	06/01/01 01:19	SMT	1634-04-4		
trans-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 01:19	SMT	156-60-5		
1,1-Dichloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-34-3		
2-Butanone (MEK)	ND	ug/l	5.0	06/01/01 01:19	SMT	78-93-3		
2,2-Dichloropropane	ND	ug/l	1.0	06/01/01 01:19	SMT	594-20-7		
cis-1,2-Dichloroethene	ND	ug/l	1.0	06/01/01 01:19	SMT	156-59-2		
Chloroform	ND	ug/l	1.0	06/01/01 01:19	SMT	67-66-3		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765997 Project Sample Number: 1045108-004 Date Collected: 05/30/01 00:00
Client Sample ID: TRIPBLANKS Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
Bromochloromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	74-97-5		
Tetrahydrofuran	ND	ug/l	10.	06/01/01 01:19	SMT	109-99-9	1	
1,1,1-Trichloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	71-55-6		
1,1-Dichloropropene	ND	ug/l	1.0	06/01/01 01:19	SMT	563-58-6		
Carbon tetrachloride	ND	ug/l	1.0	06/01/01 01:19	SMT	56-23-5		
Benzene	ND	ug/l	1.0	06/01/01 01:19	SMT	71-43-2		
1,2-Dichloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	107-06-2		
1,2-Dichloropropane	ND	ug/l	1.0	06/01/01 01:19	SMT	78-87-5		
Trichloroethene	ND	ug/l	1.0	06/01/01 01:19	SMT	79-01-6		
Dibromomethane	ND	ug/l	1.0	06/01/01 01:19	SMT	74-95-3		
Bromodichloromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	75-27-4		
4-Methyl-2-pentanone (MIBK)	ND	ug/l	5.0	06/01/01 01:19	SMT	108-10-1		
cis-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 01:19	SMT	10061-01-5		
Toluene	ND	ug/l	1.0	06/01/01 01:19	SMT	108-88-3		
trans-1,3-Dichloropropene	ND	ug/l	1.0	06/01/01 01:19	SMT	10061-02-6		
1,1,2-Trichloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	79-00-5		
1,3-Dichloropropane	ND	ug/l	1.0	06/01/01 01:19	SMT	142-28-9		
Tetrachloroethene	ND	ug/l	1.0	06/01/01 01:19	SMT	127-18-4		
Dibromochloromethane	ND	ug/l	1.0	06/01/01 01:19	SMT	124-48-1		
1,2-Dibromoethane (EDB)	ND	ug/l	1.0	06/01/01 01:19	SMT	106-93-4		
Chlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	108-90-7		
1,1,1,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	630-20-6		
Ethylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	100-41-4		
m&p-Xylene	ND	ug/l	2.0	06/01/01 01:19	SMT			
o-Xylene	ND	ug/l	1.0	06/01/01 01:19	SMT	95-47-6		
Styrene	ND	ug/l	1.0	06/01/01 01:19	SMT	100-42-5		
Bromoform	ND	ug/l	1.0	06/01/01 01:19	SMT	75-25-2		
Isopropylbenzene (Cumene)	ND	ug/l	1.0	06/01/01 01:19	SMT	98-82-8		
1,1,2,2-Tetrachloroethane	ND	ug/l	1.0	06/01/01 01:19	SMT	79-34-5		
1,2,3-Trichloropropane	ND	ug/l	1.0	06/01/01 01:19	SMT	96-18-4		
Bromobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	108-86-1		
n-Propylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	103-65-1		
2-Chlorotoluene	ND	ug/l	1.0	06/01/01 01:19	SMT	95-49-8		
1,3,5-Trimethylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	108-67-8		
4-Chlorotoluene	ND	ug/l	1.0	06/01/01 01:19	SMT	106-43-4		
tert-Butylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	98-06-6		
1,2,4-Trimethylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	95-63-6		
sec-Butylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	135-98-8		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Lab Sample No: 102765997 Project Sample Number: 1045108-004 Date Collected: 05/30/01 00:00
Client Sample ID: TRIPBLANKS Matrix: Water Date Received: 05/30/01 13:00

Parameters	Results	Units	PRL	Analyzed	Analyst	CAS#	Ftnote	Limit
p-Isopropyltoluene	ND	ug/l	1.0	06/01/01 01:19	SMT	99-87-6		
1,3-Dichlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	541-73-1		
1,4-Dichlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	106-46-7		
n-Butylbenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	104-51-8		
1,2-Dichlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	95-50-1		
1,2-Dibromo-3-chloropropane	ND	ug/l	2.0	06/01/01 01:19	SMT	96-12-8	1	
1,2,4-Trichlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	120-82-1		
Hexachloro-1,3-butadiene	ND	ug/l	1.0	06/01/01 01:19	SMT	87-68-3		
Naphthalene	ND	ug/l	1.0	06/01/01 01:19	SMT	91-20-3		
1,2,3-Trichlorobenzene	ND	ug/l	1.0	06/01/01 01:19	SMT	87-61-6		
Dibromofluoromethane (S)	87	%		06/01/01 01:19	SMT			
Toluene-d8 (S)	92	%		06/01/01 01:19	SMT	2037-26-5		
4-Bromofluorobenzene (S)	100	%		06/01/01 01:19	SMT	460-00-4		
1,2-Dichloroethane-d4 (S)	83	%		06/01/01 01:19	SMT	17060-07-0		

REPORT OF LABORATORY ANALYSIS

PARAMETER FOOTNOTES

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
(S)	Surrogate
[1]	The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.

Pace Analytical™

QUALITY CONTROL DATA

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

QC Batch: 59472 QC Batch Method: EPA 8015
Analysis Method: TPH GRO/PVOC WI Analysis Description: WI GRO and PVOC
Associated Lab Samples: 102765914 102765922 102765955 102765997

METHOD BLANK: 102784816
Associated Lab Samples:
102765914 102765922 102765955 102765997

Parameter	Units	Method Blank Result	PRL	Footnotes
Gasoline Range Organics	ug/l	ND	100	
Fluorobenzene (S)	%	95		

LABORATORY CONTROL SAMPLE & LCSD: 102784824 102784832

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Gasoline Range Organics	ug/l	1000	904.9	90	872.8	87	4	
Fluorobenzene (S)				111		110		

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

QUALITY CONTROL DATA

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

QC Batch: 59147 QC Batch Method: EPA 8260
Analysis Method: EPA 8260 Analysis Description: 465FM VOCs by MS
Associated Lab Samples: 102765914 102765922 102765955 102765997

METHOD BLANK: 102770450
Associated Lab Samples: 102765914 102765922 102765955 102765997

Parameter	Units	Method Blank Result	PRL	Footnotes
Dichlorodifluoromethane	ug/l	ND	1	
Chloromethane	ug/l	ND	1	
Vinyl chloride	ug/l	ND	1	
Bromomethane	ug/l	ND	1	
Chloroethane	ug/l	ND	1	
Dichlorofluoromethane	ug/l	ND	1	
Trichlorofluoromethane	ug/l	ND	1	
Diethyl ether (Ethyl ether)	ug/l	ND	10	
1,1,2-Trichlorotrifluoroethane	ug/l	ND	1	
Acetone	ug/l	ND	5	
1,1-Dichloroethene	ug/l	ND	1	
Allyl chloride	ug/l	ND	10	
Methylene chloride	ug/l	ND	1	
Methyl-tert-butyl ether	ug/l	ND	1	
trans-1,2-Dichloroethene	ug/l	ND	1	
1,1-Dichloroethane	ug/l	ND	1	
2-Butanone (MEK)	ug/l	ND	5	
2,2-Dichloropropane	ug/l	ND	1	
cis-1,2-Dichloroethene	ug/l	ND	1	
Chloroform	ug/l	ND	1	
Bromochloromethane	ug/l	ND	1	
Tetrahydrofuran	ug/l	ND	10	1
1,1,1-Trichloroethane	ug/l	ND	1	
1,1-Dichloropropene	ug/l	ND	1	
Carbon tetrachloride	ug/l	ND	1	
Benzene	ug/l	ND	1	
1,2-Dichloroethane	ug/l	ND	1	
1,2-Dichloropropane	ug/l	ND	1	
Trichloroethene	ug/l	ND	1	
Dibromomethane	ug/l	ND	1	

REPORT OF LABORATORY ANALYSIS

Pace Analytical™

QUALITY CONTROL DATA

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

METHOD BLANK: 102770450
Associated Lab Samples:

	102765914	102765922	102765955	102765997	
Parameter	Units	Method Blank Result	PRL	Footnotes	
Bromodichloromethane	ug/l	ND	1		
4-Methyl-2-pentanone (MIBK)	ug/l	ND	5		
cis-1,3-Dichloropropene	ug/l	ND	1		
Toluene	ug/l	ND	1		
trans-1,3-Dichloropropene	ug/l	ND	1		
1,1,2-Trichloroethane	ug/l	ND	1		
1,3-Dichloropropane	ug/l	ND	1		
Tetrachloroethene	ug/l	ND	1		
Dibromochloromethane	ug/l	ND	1		
1,2-Dibromoethane (EDB)	ug/l	ND	1		
Chlorobenzene	ug/l	ND	1		
1,1,1,2-Tetrachloroethane	ug/l	ND	1		
Ethylbenzene	ug/l	ND	1		
m&p-Xylene	ug/l	ND	2		
o-Xylene	ug/l	ND	1		
Styrene	ug/l	ND	1		
Bromoform	ug/l	ND	1		
Isopropylbenzene (Cumene)	ug/l	ND	1		
1,1,2,2-Tetrachloroethane	ug/l	ND	1		
1,2,3-Trichloropropane	ug/l	ND	1		
Bromobenzene	ug/l	ND	1		
n-Propylbenzene	ug/l	ND	1		
2-Chlorotoluene	ug/l	ND	1		
1,3,5-Trimethylbenzene	ug/l	ND	1		
4-Chlorotoluene	ug/l	ND	1		
tert-Butylbenzene	ug/l	ND	1		
1,2,4-Trimethylbenzene	ug/l	ND	1		
sec-Butylbenzene	ug/l	ND	1		
p-Isopropyltoluene	ug/l	ND	1		
1,3-Dichlorobenzene	ug/l	ND	1		
1,4-Dichlorobenzene	ug/l	ND	1		
n-Butylbenzene	ug/l	ND	1		
1,2-Dichlorobenzene	ug/l	ND	1		
1,2-Dibromo-3-chloropropane	ug/l	ND	2	1	

Pace Analytical™

QUALITY CONTROL DATA

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

METHOD BLANK: 102770450
Associated Lab Samples: 102765914 102765922 102765955 102765997

Parameter	Units	Method Blank Result	PRL	Footnotes
1,2,4-Trichlorobenzene	ug/l	ND	1	
Hexachloro-1,3-butadiene	ug/l	ND	1	
Naphthalene	ug/l	ND	1	
1,2,3-Trichlorobenzene	ug/l	ND	1	
Dibromofluoromethane (S)	%	78		
Toluene-d8 (S)	%	80		
4-Bromofluorobenzene (S)	%	88		
1,2-Dichloroethane-d4 (S)	%	77		

LABORATORY CONTROL SAMPLE & LCSD: 102770468 102770476

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Dichlorodifluoromethane	ug/l	50	46.51	93	47.13	94	1	
Chloromethane	ug/l	50	48.88	98	50.66	101	4	
Vinyl chloride	ug/l	50	46.65	93	46.27	92	1	
Bromomethane	ug/l	50	54.73	109	65.29	131	18	2
Chloroethane	ug/l	50	53.82	108	55.66	111	3	
Dichlorofluoromethane	ug/l	50	53.19	106	55.01	110	3	
Trichlorofluoromethane	ug/l	50	54.81	110	56.83	114	4	
Diethyl ether (Ethyl ether)	ug/l	50	49.93	100	51.07	102	2	
1,1,2-Trichlorotrifluoroethane	ug/l	50	50.16	100	51.54	103	3	
Acetone	ug/l	50	39.20	78	41.10	82	5	2
1,1-Dichloroethene	ug/l	50	53.28	107	54.18	108	2	
Allyl chloride	ug/l	50	53.83	108	55.23	110	3	
Methylene chloride	ug/l	50	52.46	105	54.39	109	4	
Methyl-tert-butyl ether	ug/l	50	48.49	97	50.02	100	3	
trans-1,2-Dichloroethene	ug/l	50	47.81	96	50.13	100	5	
1,1-Dichloroethane	ug/l	50	52.66	105	54.40	109	3	
2-Butanone (MEK)	ug/l	50	42.19	84	40.92	82	3	
2,2-Dichloropropane	ug/l	50	55.65	111	54.65	109	2	
cis-1,2-Dichloroethene	ug/l	50	48.74	98	50.23	100	3	
Chloroform	ug/l	50	48.68	97	50.42	101	4	

REPORT OF LABORATORY ANALYSIS

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

LABORATORY CONTROL SAMPLE & LCSD: 102770468 102770476

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
Bromochloromethane	ug/l	50	48.63	97	50.44	101	4	
Tetrahydrofuran	ug/l	500	380.0	76	383.0	77	1	1,2,1,2
1,1,1-Trichloroethane	ug/l	50	52.52	105	53.52	107	2	
1,1-Dichloropropene	ug/l	50	54.01	108	55.11	110	2	
Carbon tetrachloride	ug/l	50	53.42	107	54.51	109	2	
Benzene	ug/l	50	49.17	98	50.82	102	3	
1,2-Dichloroethane	ug/l	50	50.85	102	51.81	104	2	
1,2-Dichloropropane	ug/l	50	53.36	107	54.67	109	2	
Trichloroethene	ug/l	50	52.54	105	54.31	109	3	
Dibromomethane	ug/l	50	48.98	98	50.02	100	2	
Bromodichloromethane	ug/l	50	52.23	104	54.63	109	4	
4-Methyl-2-pentanone (MIBK)	ug/l	50	41.74	84	41.75	84	0	
cis-1,3-Dichloropropene	ug/l	50	51.67	103	53.20	106	3	
Toluene	ug/l	50	54.39	109	55.35	111	2	
trans-1,3-Dichloropropene	ug/l	50	44.85	90	45.51	91	1	
1,1,2-Trichloroethane	ug/l	50	48.22	96	49.11	98	2	
1,3-Dichloropropane	ug/l	50	49.15	98	49.48	99	1	
Tetrachloroethene	ug/l	50	52.85	106	53.16	106	1	
Dibromochloromethane	ug/l	50	45.13	90	45.88	92	2	
1,2-Dibromoethane (EDB)	ug/l	50	45.94	92	46.21	92	1	
Chlorobenzene	ug/l	50	48.38	97	49.88	100	3	
1,1,1,2-Tetrachloroethane	ug/l	50	52.08	104	54.15	108	4	
Ethylbenzene	ug/l	50	48.91	98	49.54	99	1	
m&p-Xylene	ug/l	100	97.40	97	99.95	100	3	
o-Xylene	ug/l	50	48.66	97	50.00	100	3	
Styrene	ug/l	50	47.85	96	49.38	99	3	
Bromoform	ug/l	50	42.55	85	43.60	87	2	
Isopropylbenzene (Cumene)	ug/l	50	53.43	107	54.25	109	2	
1,1,2,2-Tetrachloroethane	ug/l	50	42.29	85	42.28	85	0	
1,2,3-Trichloropropane	ug/l	50	37.56	75	39.91	80	6	2,2
Bromobenzene	ug/l	50	50.24	100	51.41	103	2	
n-Propylbenzene	ug/l	50	52.30	105	52.21	104	0	
2-Chlorotoluene	ug/l	50	51.45	103	52.29	105	2	
1,3,5-Trimethylbenzene	ug/l	50	48.76	98	48.53	97	0	
4-Chlorotoluene	ug/l	50	53.41	107	54.36	109	2	
tert-Butylbenzene	ug/l	50	52.04	104	52.37	105	1	
1,2,4-Trimethylbenzene	ug/l	50	53.49	107	53.93	108	1	

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

LABORATORY CONTROL SAMPLE & LCSD: 102770468 102770476

Parameter	Units	Spike Conc.	LCS Result	Spike % Rec	LCSD Result	Spike Dup % Rec	RPD	Footnotes
sec-Butylbenzene	ug/l	50	50.15	100	50.43	101	1	
p-Isopropyltoluene	ug/l	50	51.94	104	52.24	104	1	
1,3-Dichlorobenzene	ug/l	50	51.33	103	52.05	104	1	
1,4-Dichlorobenzene	ug/l	50	52.55	105	52.83	106	1	
n-Butylbenzene	ug/l	50	49.79	100	49.55	99	0	
1,2-Dichlorobenzene	ug/l	50	50.15	100	50.80	102	1	
1,2-Dibromo-3-chloropropane	ug/l	100	74.48	74	74.79	75	0	1,2,1,2
1,2,4-Trichlorobenzene	ug/l	50	46.67	93	47.23	94	1	
Hexachloro-1,3-butadiene	ug/l	50	48.32	97	49.76	100	3	
Naphthalene	ug/l	50	40.92	82	41.35	83	1	
1,2,3-Trichlorobenzene	ug/l	50	45.77	92	47.30	95	3	
Dibromofluoromethane (S)				85		85		
Toluene-d8 (S)				91		90		
4-Bromofluorobenzene (S)				101		101		
1,2-Dichloroethane-d4 (S)				84		84		

QUALITY CONTROL DATA PARAMETER FOOTNOTES

Consistent with EPA guidelines unrounded concentrations are displayed and have been used to calculate % Rec and RPD values.

ND	Not Detected
NC	Not Calculable
PRL	Pace Reporting Limit
RPD	Relative Percent Difference
(S)	Surrogate
[1]	The continuing calibration for this compound was outside the method control limits. The result for this compound should be considered an estimate.
[2]	Spiked sample recovery is not within control limits.

Pace Analytical™

QUALITY CONTROL DATA

CROSS REFERENCE TABLE

IT Corporation
1801 Old Hwy 8 NW
Suite 124
New Brighton, MN 55112

Lab Project Number: 1045108
Client Project ID: YOCUM OIL #806080

Attn: Mr. Eric Ealy
Phone: 651-633-0792

Lab Sample No Identifier	Client Sample Identifier	QC Batch Method	QC Batch Identifier	Analytical Method	Analytical Batch Identifier
102765914	TW01-01	TPH GRO/PVOC WI	59472		
102765922	TW01-02	TPH GRO/PVOC WI	59472		
102765955	TW01-03	TPH GRO/PVOC WI	59472		
102765997	TRIPBLANKS	TPH GRO/PVOC WI	59472		
102765914	TW01-01	EPA 8260	59147		
102765922	TW01-02	EPA 8260	59147		
102765955	TW01-03	EPA 8260	59147		
102765997	TRIPBLANKS	EPA 8260	59147		

Pace Analytical™
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

590373

Page: 1 of 1

Section A — Required Client Information:

Company: T-T Corporation
Address: 1801 Old Hwy 8 N.W.
New Brighton, MN 55112
Phone: 611/635-0992
Fax:

Section B — Required Client Information:

Report To: Eric Ealy
Copy To: " "
Invoice To: Tom Hudik
P.O.:
Project Name: Yocum Oil
Project Number: 8060 80

Client Information (Check quote/contract):
Requested Due Date: / TAT:

* Turn around times less than 14 days subject to laboratory and contractual obligations and may result in a Rush Turnaround Surcharge.
Turn Around Time (TAT) in calendar days.

Section C — To Be Completed by Pace Analytical and Client

Quote Reference:
Project Manager:
Project #:
Profile #:
Requested Analysis: GRO; VOCs (Impinged)

Section D — Required Client Information:

Valid Matrix Codes: MATRIX / CODE — WATER WT, SOIL SL, OIL OL, WIPE WP, AIR AR, TISSUE TS, OTHER OT

SAMPLE ID — One character per box. (A–Z, 0–9 / .-) Sample IDs MUST BE UNIQUE

Item	Sample ID	Matrix Code	Date Collected (mm/dd/yy)	Time Collected (hh:mm a/p)	# Containers	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	GRO	VOCs (Impinged)	Remarks / Lab ID
1	TW01-01	WT	05/30/01	1615a	6				X				X	X	
2	TW01-02	WT	05/30/01	1630a	6				X				X	X	
3	TW01-03	WT	05/30/01	1935a	6				X				X	X	
4	TRIP BLANK	WT			2	X							X	X	
5															
6															
7															
8															
9															
10															
11															
12															

(Rows 5–12 struck through; initialed 5/30/01)

SHIPMENT METHOD	AIRBILL NO.	SHIPPING DATE	NO. OF COOLERS	ITEM NUMBER	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
					Tom McMahon T.T.	5/30/01	1320	[signature]	5-30-01	1320

Additional Comments:

Pace Project No.:

SAMPLE CONDITION

Temp: ______ °C | Received on Ice: Y / N | Sealed Cooler: Y / N | Samples Intact: Y / N | pH ___

SEE REVERSE SIDE FOR INSTRUCTIONS

IT CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 806080	PROJECT NAME: Yocum Oil		
BORING NUMBER: TW01-01	COORDINATES:		DATE: 5/30/01
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 5/30/01
ENGINEER/GEOLOGIST: TRM	Depth	Date/Time	DATE COMPLETED: 5/30/01
DRILLING METHODS: Geoprobe, water sampling			PAGE 1 OF 1

4' tubes

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (ft)	RECOVERY (ft)	DESCRIPTION	USCS SYMBOL	PID/FID (PHS)	REMARKS
0			2'	Top soil, moist Dk brown to 2'		0.0	
2 (Δ 3')	TW01-01 H_2O		2'	Dk brown, Silt to Clay, moist Ribbons		0.0	No Odor of Soils
4			2'	Dk brown, Clay wet ribbons		0.0	
6			2'	Dk brown, (Mottled Red) Clay Silt lenses, wet		0.0	
8			8	8' end of Boring			
10							
12				T.McM			
14							
16							
18							
20							
22							
24							

NOTES:

IT CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 806080	PROJECT NAME: Vacuum Oil		
BORING NUMBER: TW01-02	COORDINATES:	DATE: 5/30/01	
ELEVATION:	GWL: Depth / Date/Time	DATE STARTED: 5/30/01	
ENGINEER/GEOLOGIST: TRM	Depth / Date/Time	DATE COMPLETED: 5/30/01	
DRILLING METHODS: Geoprobe, water sampling		PAGE 1 OF 1	

DEPTH (ft)	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER (ft)	RECOVERY (ft.)	DESCRIPTION	USCS SYMBOL	HNu (ppm)	REMARKS
2			2'	Topsoil to 1½' fill material organics, Silty Clay Dk brn.		0.0	
3'▽ 4	TW01-02 H2O		2'	Silty Clay DK brn. Moist		0.0	No odor in Soils
4' tubes 6			2'	Dk brn. Silty Clay Very Moist, Wet		0.6	
8			2'	Fine to Med Sand w/ Pebbles LT. BRN. Wet		0.0	
10				8' End of Boring			
12							
14							
16							
18							
20							
22							
24							

NOTES:

IT CORPORATION

VISUAL CLASSIFICATION OF SOILS

PROJECT NUMBER: 806080	PROJECT NAME: Vacuum Oil		
BORING NUMBER: TW01-03	COORDINATES:		DATE: 5/30/01
ELEVATION:	GWL: Depth	Date/Time	DATE STARTED: 5/30/01
ENGINEER/GEOLOGIST: TRM	Depth	Date/Time	DATE COMPLETED: 5/30/01
DRILLING METHODS: Geoprobe, water sampling			PAGE 1 OF 1

DEPTH ft	SAMPLE TYPE & NO.	BLOWS ON SAMPLER PER ft	RECOVERY ft	DESCRIPTION	USCS SYMBOL	HNu (ppm)	REMARKS
0							
2			2'	Topsoil to 1' Sandy fill		0.0	4' tubes
4			2'	Sand fine to coarse w/ silt lenses [moist], Sand Lt. Brn		0.0	
6			2'	Sand fine to coarse moist Lt.-Med Brn		0.0	
8			2'	" same as above		0.0	
10	TW01-03		2'	" same as above"		0.0	10' Δ
12			2'	Silty Clay, Dk brn ribbons, slight odor?		0.0	
14				End of Boring 12'			
16				T. McManus			
18							
20							
22							
24							

NOTES:

Minnesota Pollution Control Agency

April 10, 2000

Mr. Todd Staffen
Yocum Oil Company
2719 Stillwater Rod
Maplewood, MN 55119

RE: Request for Additional Work
Site: Yocum Oil, Jordan Site, 255 Triangle Lane, Jordan
Site ID#: LEAK 000011991

Dear Mr. Staffen:

The Minnesota Pollution Control Agency (MPCA) Site Remediation Section staff has reviewed your "Remedial Investigation" report, dated September 21, 1999, and prepared by your consultant, Arden Environmental Engineering, for the above referenced leak site.

Based on information contained in the report, additional work is required to further investigate and delineate the downgradient extent of contaminant plume. A minimum of two geoprobes should be advanced across Highway 169 near the creek and lowland area. If possible, a third geoprobe should be advanced in the median between the north and southbound lanes of Highway 169.

The MPCA staff request that the work be commenced within 90 days from the date of this letter. Failure to meet this deadline in a timely manner may result in reductions in Petrofund reimbursement or lead to MPCA enforcement actions.

If you have any questions regarding this letter, please contact me at 651/297-8581 staff hydrogeologist John Kaehler, at 651/297-8575. If you are calling long distance, you may reach the MPCA by calling 1-800-657-3864.

Sincerely,

Jelil Abdella
Project Manager
Site Remediation Section
Metro District

John Kaehler
Hydrogeologist
Site Remediation Section
Metro District

JA:JPK:tf

cc: John Mills, Arden Environmental Engineering, Shoreview

Burke, Brad

From: Nancy Radle [Nancy.Radle@dot.state.mn.us]
Sent: Thursday, December 21, 2000 2:04 PM
To: BMburke@theitgroup.com
Subject: TH 169, Jordan, Temporary License Agreement for Drilling and Sampling

Brad, as we discussed on the phone, based on your letter dated November 15, 2000, in which you state that your company will abide by the Terms and Conditions in the Temporary License Agreement (TLA) Mn/DOT currently has with Yocum Oil Company for work at the above-referenced location, The IT Group can complete the work in accordance with the TLA.

Please call me if you have any questions.

Nancy Radle
Office of Environmental Services
Mail Stop 620
651-284-3781
nancy.radle@dot.state.mn.us

Minnesota Pollution Control Agency

April 10, 2000

Mr. Todd Staffen
Yocum Oil Company
2719 Stillwater Rod
Maplewood, MN 55119

RE: Request for Additional Work
Site: Yocum Oil, Jordan Site, 255 Triangle Lane, Jordan
Site ID#: LEAK 000011991

Dear Mr. Staffen:

The Minnesota Pollution Control Agency (MPCA) Site Remediation Section staff has reviewed your "Remedial Investigation" report, dated September 21, 1999, and prepared by your consultant, Arden Environmental Engineering, for the above referenced leak site.

Based on information contained in the report, additional work is required to further investigate and delineate the downgradient extent of contaminant plume. A minimum of two geoprobes should be advanced across Highway 169 near the creek and lowland area. If possible, a third geoprobe should be advanced in the median between the north and southbound lanes of Highway 169.

The MPCA staff request that the work be commenced within 90 days from the date of this letter. Failure to meet this deadline in a timely manner may result in reductions in Petrofund reimbursement or lead to MPCA enforcement actions.

If you have any questions regarding this letter, please contact me at 651/297-8581 staff hydrogeologist John Kaehler, at 651/297-8575. If you are calling long distance, you may reach the MPCA by calling 1-800-657-3864.

Sincerely,

Jelil Abdella
Project Manager
Site Remediation Section
Metro District

John Kaehler
Hydrogeologist
Site Remediation Section
Metro District

JA:JPK:tf

cc: John Mills, Arden Environmental Engineering, Shoreview

Strusinski & Associates, P.A.

Attorneys at Law

Donna L. Strusinski
donna@strusinski.com

Western Bank Building
1740 Rice Street, Suite 280
St. Paul, MN 55113

Office: (651) 487-1208
Fax: (651) 487-0662

Paul W. Muilenberg
paul@strusinski.com

April 19, 2000

Mr. Jelil Abdella and
Mr. John Kaeler
Minnesota Pollution Control Agency
520 Layayette Rd. N.
St. Paul, MN 55155-4194

Re: Request for Additional Work dated April 10, 2000
Site: Yocum Oil, Jordan Site, 255 Triangle Lane
Site ID#: LEAK 000011991

Dear Mr. Abdella and Mr. Kaeler:

The purpose of this letter is to respond on behalf of Yocum Oil Company to the above-referenced request. Please be advised that Yocum Oil Company has already contacted its environmental consultant to obtain a written proposal for the additional work outlined in your request.

I note from your request that you are still copying John Mills at Arden Environmental Engineering. Please be advised that a new environmental consultant has been hired for this site:

Brad Burke
The IT Group
1801 Old Highway 8 NW
Suite 124
New Brighton, MN 55112-2307
(t) 651-633-0792
(f) 651-633-1596

If you have any questions or comments, please feel free to contact me.

Sincerely,

STRUSINSKI & ASSOCIATES, P. A.

Paul W. Muilenberg

PWM/
Cc: Mr. Anthony Yocum @ Yocum Oil Company

Arden Environmental Engineering, Inc.
3550 Lexington Ave. North, Suite 102, Shoreview, MN 55126
(651) 484-5415, Fax (651) 484-5568

February 24, 1999

John Kaehler
Project Hydrologist
Tanks and Emergency Response Section
Minnesota Pollution Control Agency
520 Lafayette Rd.
St. Paul, MN 55155-4194

RE: Investigation Plan for Yocum – Jordan Leak: 11991

Dear John:

Thank you for taking the time to meet with me to discuss this project. Per our discussion and follow up conversations with Tom Greene, here is a summary of the investigation plan worked out for the Yocum Oil Company, Jordan site:

- The purpose of the investigation is to determine the size of the groundwater contaminant plume. A precise determination of the size of the free product plume is not needed.

- The investigation will proceed in two phases. The first phase will be a geoprobe investigation, using temporary geoprobe wells. Points will be placed to determine the length and width of the plume. (Tentative location of geoprobe points is on sketch attached). Current plan is to place up to nine geoprobe points. Data from these points will be used in determining the most logical location for three additional monitoring wells.

- There will probably not be a need to cross Hwy 169, even if points P-A, PB, and/or P-C are contaminated.

- Since the primary goal is to investigate groundwater, soil samples will only be collected for P-E, P-F, and P-G. For all other points, we will place a boring to ground water, insert a temporary well, and collect a water sample.

- Points will be placed in roughly alphabetical order. A geoprobe will be used the first day, with a mobile lab/geoprobe combination on the second day. This will allow water to settle in the most critical wells overnight, prior to analysis.

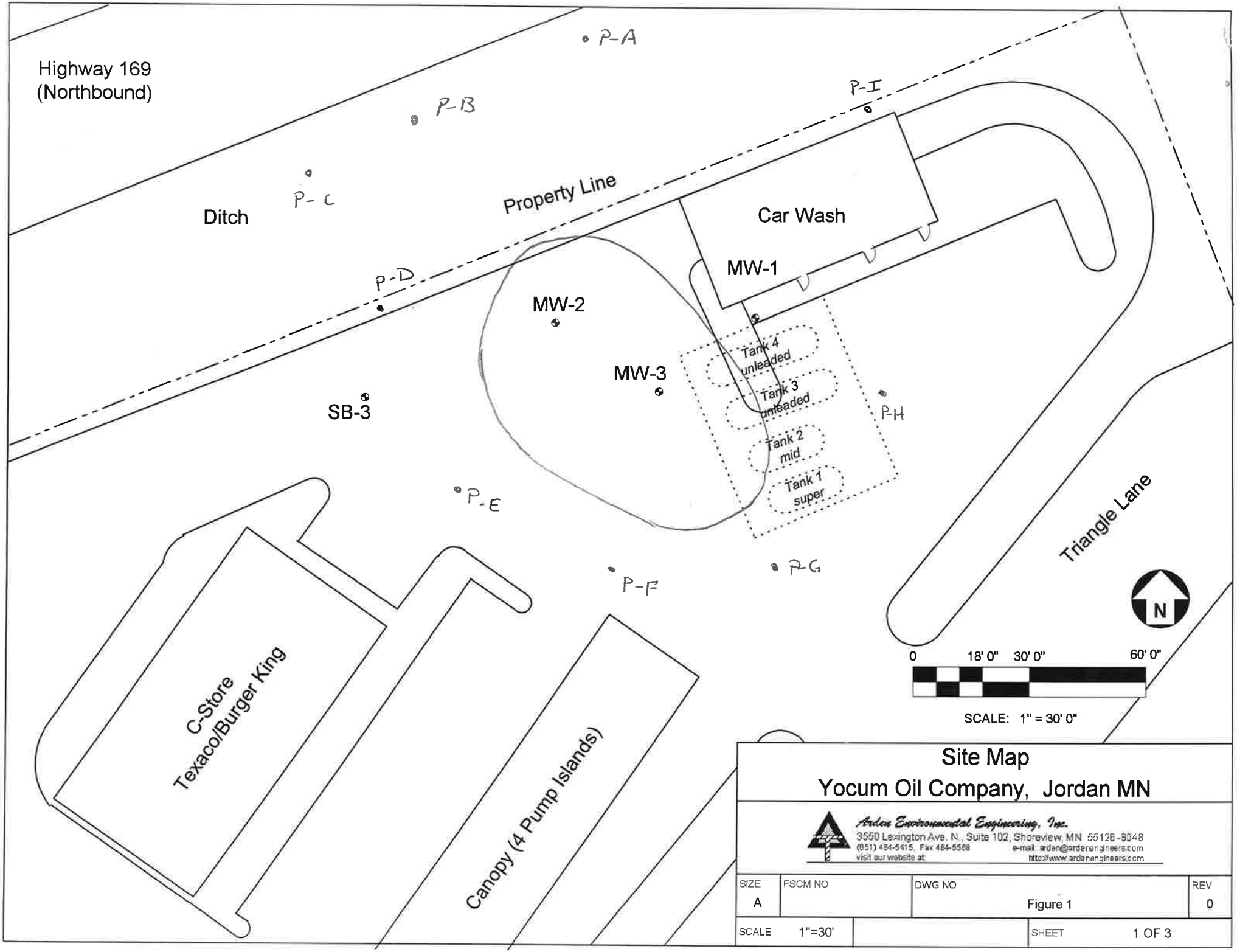
- A monitoring well will be required within the highway right of way. Two additional flush grade monitoring wells will be required. These wells will be placed based on the geoprobe results.

If you have any questions, or if the above does not accurately reflect our agreed plan for this site, please call me at (651) 484-5415

Sincerely,

John Mills, P.E.
Arden Environmental Engineering, Inc.

CC: Donna Strusinski – Strusinski and Associates
Tom Greene – Applied Engineering



Site Map
Yocum Oil Company, Jordan MN

Arden Environmental Engineering, Inc.
3550 Lexington Ave. N., Suite 102, Shoreview, MN 55126-8048
(651) 484-5415, Fax 484-5588 e-mail: arden@ardenengineers.com
visit our website at: http://www.ardenengineers.com

SIZE	FSCM NO	DWG NO	REV
A		Figure 1	0
SCALE 1"=30'		SHEET 1 OF 3	

AA
D-2

PETROFUND BOARD SUMMARY

INVOICES: 2/1/99 **TO** 10/4/99

Leak # 11991 Initial Rec'd: _____ Supplemental Rec'd: 1/7/00 Supplemental #: 1
Analyst: Sue Sauer RP X Vol _____ Non RP _____
Pre-Approved Amt: $ 18,563.63 Approval Date: _____
Board-Approved Amt: $ _____ Meeting Date: June 14, 2000

Applicant:
Yocum Oil Company, Inc.
2719 Stillwater Avenue
Maplewood, MN 55119
Attn: Tony Yocum

Release Location:
Jordan Texaco
255 Triangle Lane
Jordan, MN 55352

Assignments:

Date leak detected: 10/26/98
Date leak reported: 10/26/98

Tank owned from: 8/1/1995 Property owned from: _____
Tank owned to: present Property owned to: _____

Tank Information: (2) 10,000 gallon unleaded regular; (1) 6,000 gallon unleaded mid; (1) 6,000 gallon unleaded premium

	CORRECTIVE ACTION COSTS	Amount Requested	Amount Not Approved	Amount Approved
A.	Soil Borings/Monitoring Wells, Etc.	$		
B.	Laboratory Analysis	$		
C.	Excavation _____ c.y.	$		
D.	Soil Disposal *Soil Disposal Method:* _____ *$ per cubic yard:* _____	$		
E.	Water Treatment	$		
F.	Trucking	$		
G.	Emergency/Temporary Controls	$		
H.	Site Restoration & Closure	$		
I.	Other Investigation & Clean-up	$		
J.	Consultant Services	$		
K.	Markup	$		
PSA	Preremoval Site Assessment	$		
UST	Undergrnd Tank Removal Assess.	$		
ISA	Initial Site Assessment	$ 15,703.25		15,703.25
ASA	Additional Site Assessment	$		
RI	Remedial Investigation/CAD	$ 3,910.00		3,910.00
RD	Remedial Design/Maintenance	$ 1,560.00		1,560.00
CS	Contractor Services	$		
TR	Tank Removal	$		
IN	Interest	$		
	TOTAL COSTS	$ 21,173.25		21,173.25

* *Amounts In Dispute*

Total Eligible Costs	$ 21,173.25				
<Insurance Amt Paid>	< >				
	$ 21,173.25	X	90 %	=	$ 19,055.93
Non-compliance [Minn. Stat. §115C.09, Subd. 3 (i)]:					
No bids - Consultant			%	=	< 492.30* >
Tank regulation			%	=	< >
Notice of release				=	< >
Cooperation			%	=	< >
Non-registered Consultants/Contractors			%	=	< >
TOTAL REIMBURSEMENT					$ 18,563.63

Total Amount previously reimbursed $ 2,182.50

Prior reductions _____

Ongoing Expenses:

Remedial Design/Maintenance – no cost given

* *Amounts In Dispute*

11991
I
1-6-99

MINNESOTA POLLUTION CONTROL AGENCY
COMMISSIONER'S SITE REPORT
TO THE PETROLEUM TANK RELEASE COMPENSATION BOARD

SITE ID#	RELEASE SITE	APPLICANT	REGION
[redacted]AK00011880	Cenex Convenience Store	High Plains Cooperative	V
LEAK00011991	Jordan Texaco	Yocum Oil Company, Inc.	Metro
LEAK00012103	Georges 66	Rita Deutsch	Metro

1. Eligibility Determination

I hereby determine that the corrective action described in the application was appropriate in terms of protecting public health, welfare, and the environment and that the applicant is eligible for Petrofund reimbursement, pursuant to Minn. Stat. § 115C.09, subd. 2, items (a) and (c) (Supp. 1997).

2. Compliance with Applicable Requirements: **ADEQUATE**

Information readily available to the Minnesota Pollution Control Agency staff shows that the applicant has complied with the applicable requirements of Minn. Stat. § 115C.09, subd. 3(I) (Supp. 1997).

The determinations in this report are made solely for the purpose of determining eligibility for reimbursement under Minn. Stat. § 115C.09, subds. 2 and 3 (Supp. 1997). Nothing in this site report releases any person from liability, and the Minnesota Pollution Control Agency does not waive any of its authority to require additional corrective action at the above-referenced site or to enforce other provisions of state law.

Dated: 2/3/99

Mark Schmitt
Supervisor
Regular Facilities, Policy and Planning

MINNESOTA
DEPARTMENT OF
COMMERCE

MEMORANDUM

To: Petrofund Board

From: Sue Sauer

Date: May 31, 2000

Re: Leak #11991, Jordan Texaco

The applicant, Yocum Oil Company, is appealing the 10% reduction in reimbursement ($492.30) on the costs associated with the remedial investigation/corrective action design report and remedial design/maintenance steps for failure to obtain written proposals in accordance with Minn. Rule 2890.0074.

The reduction was imposed on the remedial investigation/corrective action design report costs because the applicant did not approve the proposal before incurring the costs for that step. In addition, the proposal, according to the date the consultant signed it, was not produced until after the costs for the step were invoiced. The reduction was imposed on the remedial design/maintenance costs because the applicant did not obtain a written proposal for that step.

The applicant's attorney, on behalf of the applicant, states that "most of the work which is the subject of the current reimbursement application was performed in an emergency situation...and the work performed and results reported did not fit neatly into the categories established by the Petrofund in its application process." The work, however, was performed at least nine months after the emergency bid waiver was issued by the MPCA (the waiver was for recovery of petroleum and removal of petroleum vapors, not for reporting). It was also performed after competitive proposals were obtained for initial site assessment work. It would appear, then, that there was sufficient time to obtain proposals for the subsequent work.

For these reasons, staff recommends reimbursement of $18,563.63, which includes the reduction listed above.

MINNESOTA DEPARTMENT OF COMMERCE

February 23, 2000

Tony Yocum
2719 Stillwater Ave
Maplewood MN 55119

RE: Jordan Texaco—Leak #11991

Dear Mr. Yocum:

Your supplemental application for reimbursement dated December 27, 1999 has been reviewed by Petrofund staff. Reimbursement of $18,563.63 has been approved for payment.

Please note that you have three options available to you:

- **You may appeal the amount approved for reimbursement. If you choose this option, you must do so in writing.** Your letter must include the specific basis for your appeal and must be received ***within 60 days of the date of this letter*** (pursuant to Minn. Stat. §115C.12, subd. 1). Your application will then be reviewed by the Board at its June 14, 2000 Board meeting. The meeting will be held at 8:30 A.M. in the First Floor Hearing Room, Department of Commerce, 133 East Seventh Street, St. Paul, MN.
- **You may advise us in writing that you do not intend to appeal the amount approved for reimbursement.** In this case, you will receive a reimbursement check approximately three to four weeks after we have received your written notice.
- **You may take no action.** If you choose this option, you will receive a reimbursement check in approximately three months.

The following reduction has been made for a violation of Minnesota statutes or rules:

1. Minn. Rule 2890.0074 requires that the applicant obtain a written proposal for each step of consultant services, and that the applicant approve the written proposal before incurring costs for each step of consultant services. Because you did not approve the proposal for the remedial investigation/corrective action design report step before incurring costs for that step, and because you did not obtain a written proposal the remedial design/maintenance step, a 10% reduction in reimbursement has been imposed on the costs associated with those steps. This reduction amounts to $492.30 and is made pursuant to Minn. Stat. §115C.09, subd. 3 (i).

If you have any questions, please contact me at (651) 282-6406 or (800) 638-0418 (in Greater Minnesota only), or via e-mail at sue.sauer@state.mn.us.

Sincerely,

Sue A. Sauer
Commerce Analyst

133 East Seventh Street, St. Paul, MN 55101-2333
Telephone (651) 296-4026 • Fax (651) 296-8591 • TTY/TDD (651) 296-2860
e-mail: commerce@state.mn.us
Web Site: www.commerce.state.mn.us

Strusinski & Associates, P.A.

Attorneys at Law

Donna L. Strusinski
donna@strusinski.com

Western Bank Building
1740 Rice Street, Suite 280
St. Paul, MN 55113

Office: (651) 487-1208
Fax: (651) 487-0662

Paul W. Muilenberg
paul@strusinski.com

April 19, 2000

VIA FACSIMILE AND UNITED STATES MAIL
(651) 296-8591

Ms. Sue A. Sauer
Minnesota Department of Commerce
133 East Seventh Street
St. Paul, MN 55101-2333

Re: Supplemental Application for Reimbursement
Jordan Texaco – Leak #11991

Dear Ms. Sauer:

Please be advised that I represent Yocum Oil Company in the above-referenced matter. Yocum Oil Company hereby advises you that it is appealing the amount approved for reimbursement as set forth in your letter dated February 23, 2000 (the "Determination Letter").

In the Determination Letter, you state that Yocum Oil Company will be assessed a reduction in reimbursement due to its failure to obtain written proposals for the remedial investigation/corrective action design report step and because it failed to obtain a written proposal for the remedial design/maintenance step. We believe these reductions are inappropriate given the unique circumstances surrounding this remediation site.

As you may or may not be aware, the remediation of the Yocum-Jordan Site began as an emergency response to a spill. After the initial emergency response activities, Yocum's environmental consultants met with the project manager from the Minnesota Pollution Control Agency to determine what to do next in the response process. Following that meeting, the consultants performed the work requested by the MPCA. It is this work that was described as "Remedial Design / Maintenance" in the application for reimbursement. In reality, there really was no "remedial design / maintenance" step. The work done was merely labeled "remedial design / maintenance" because it was the most convenient "label" available in the application forms. The reporting step was also out of the ordinary since it did not stem from a true remedial design / maintenance step. The report was a detailed summary of a multitude of response activities which have been performed at the site to date, necessitated in part by the fact that

Tanks and Emergency Response Section, 520 Lafayette Road, St. Paul, MN 55155

Emergency Response Bid Waiver

To: Responsible Party: **Yokum Oil Company**
Street Address: **2719 Stillwater Road**
City, State, Zip Code: **Maplewood, Minnesota 55119**

RE: Site Name: **Jordan Texaco**
Address: **255 Triangle Lane, Jordan**

LEAK #: **11991**
Date of Report: **10/28/98**

The following actions should be taken to remediate the emergency conditions at the above-referenced site. Only these specified tasks are exempt from the two bid requirements. Unless approved by the assigned project manager, other phases of investigation and remediation at this site will need two bids.

- ☐ Recovery and control of pooled petroleum on land.
- ☒ Recovery and control of petroleum on surface or ground waters.
- ☒ Recovery and control of petroleum infiltrating a sanitary or storm sewer.
- ☒ Recovery and control of petroleum infiltrating a building or structure.
- ☒ Removal and control of petroleum vapors in a building, structure or sewer.
- ☐ Relocation of affected residents.
- ☐ Excavation of petroleum contaminated soil to eliminate emergency conditions.
- ☐ Product removal from a tank.
- ☐ Soil borings/monitoring well installation to assess the emergency conditions.
- ☐ Collecting and analyzing surface water, ground water, soil or air samples to assess or monitor the emergency situation.
- ☐ Providing an alternate water supply to an affected well owner.
- ☐ Other, specify:

DONNA
FYI
JORDAN - YOCUM SITE

Authorization:
Richard Newquist 10-28-98
sign and date
Richard Newquist
print name and telephone # 651-297-8582
Tanks and Emergency Response Section
Hazardous Waste Division

This document has been electronically signed.

Post-it® Fax Note 7671	Date 10/28	# of pages ▶ 1
To John Mills	From Rick Newquist	
Co./Dept. Arden Env.	Co. MPCA	
Phone #	Phone #	
Fax # 651 484 5568	Fax # 651 296 9707	

Arden Environmental, the consultant until early this year, has resigned and a new consultant has been chosen. We anticipate that a final RI report will be submitted at a later date, after the new consultant has completed further activities which have been requested by the MPCA.

In summary, most of the work which is the subject of the current reimbursement application was performed in an emergency situation, its scope was developed during a meeting and telephone conversations between the MPCA and Yocum Oil Company's environmental consultants and the work performed and results reported did not fit neatly into the categories established by the Petrofund in its application process. Given these considerations, it is both fair and reasonable for Yocum Oil Company to obtain full reimbursement for its expenses.

It is my sincere wish that the Department of Commerce will be willing to resolve this issue without the need to proceed to an appeal hearing. My client believes strongly that it should be entitled to full reimbursement when it has made a good faith effort to comply with the MPCA's requests and the Petrofund rules. I ask that you reconsider your reimbursement decision.

Sincerely,

STRUSINSKI & ASSOCIATES, P. A.

Paul W. Muilenberg

PWM/ddc

Cc: Anthony Yocum @ Yocum Oil Company, Inc.

AA
D-2

PETROFUND BOARD SUMMARY

INVOICES: 2/1/99 **TO** 10/4/99

Leak # 11991 Initial Rec'd: _____ Supplemental Rec'd: 1/7/00 Supplemental #: 1
Analyst: Sue Sauer RP X Vol _____ Non RP _____
Re-Approved Amt: $ 18,563.63 Approval Date: _____
Board-Approved Amt: $ _____ Meeting Date: June 14, 2000

Applicant:
Yocum Oil Company, Inc.
2719 Stillwater Avenue
Maplewood, MN 55119
Attn: Tony Yocum

Release Location:
Jordan Texaco
255 Triangle Lane
Jordan, MN 55352

Assignments:

Date leak detected: 10/26/98
Date leak reported: 10/26/98

Tank owned from: 8/1/1995 Property owned from: _____
Tank owned to: present Property owned to: _____

Tank Information: (2) 10,000 gallon unleaded regular; (1) 6,000 gallon unleaded mid; (1) 6,000 gallon unleaded premium

	CORRECTIVE ACTION COSTS	Amount Requested	Amount Not Approved	Amount Approved
A.	Soil Borings/Monitoring Wells, Etc.	$		
B.	Laboratory Analysis	$		
C.	Excavation _____ c.y.	$		
D.	Soil Disposal *Soil Disposal Method:* _____ *$ per cubic yard:* _____	$		
E.	Water Treatment	$		
F.	Trucking	$		
G.	Emergency/Temporary Controls	$		
H.	Site Restoration & Closure	$		
I.	Other Investigation & Clean-up	$		
J.	Consultant Services	$		
K.	Markup	$		
PSA	Preremoval Site Assessment	$		
UST	Undergrnd Tank Removal Assess.	$		
ISA	Initial Site Assessment	$ 15,703.25		15,703.25
ASA	Additional Site Assessment	$		
RI	Remedial Investigation/CAD	$ 3,910.00		3,910.00
RD	Remedial Design/Maintenance	$ 1,560.00		1,560.00
CS	Contractor Services	$		
TR	Tank Removal	$		
IN	Interest	$		
	TOTAL COSTS	$ 21,173.25		21,173.25

* *Amounts In Dispute*

Total Eligible Costs	$ 21,173.25					
<Insurance Amt Paid>	< >					
	$ 21,173.25	X	90 %	=	$	19,055.93
Non-compliance [Minn. Stat. §115C.09, Subd. 3 (i)]:						
No bids - Consultant			%	=	<	492.30* >
Tank regulation			%	=	<	>
Notice of release				=	<	>
Cooperation			%	=	<	>
Non-registered Consultants/Contractors			%	=	<	>
	TOTAL REIMBURSEMENT				$	18,563.63

Total Amount previously reimbursed $ 2,182.50

Prior reductions _____

Ongoing Expenses:

Remedial Design/Maintenance – no cost given

* *Amounts In Dispute*

11991
I
1-6-99

MINNESOTA POLLUTION CONTROL AGENCY
COMMISSIONER'S SITE REPORT
TO THE PETROLEUM TANK RELEASE COMPENSATION BOARD

SITE ID#	RELEASE SITE	APPLICANT	REGION
LEAK00011880	Cenex Convenience Store	High Plains Cooperative	V
LEAK00011991	Jordan Texaco	Yocum Oil Company, Inc.	Metro
LEAK00012103	Georges 66	Rita Deutsch	Metro

1. Eligibility Determination

I hereby determine that the corrective action described in the application was appropriate in terms of protecting public health, welfare, and the environment and that the applicant is eligible for Petrofund reimbursement, pursuant to Minn. Stat. § 115C.09, subd. 2, items (a) and (c) (Supp. 1997).

2. Compliance with Applicable Requirements: **ADEQUATE**

Information readily available to the Minnesota Pollution Control Agency staff shows that the applicant has complied with the applicable requirements of Minn. Stat. § 115C.09, subd. 3(I) (Supp. 1997).

The determinations in this report are made solely for the purpose of determining eligibility for reimbursement under Minn. Stat. § 115C.09, subds. 2 and 3 (Supp. 1997). Nothing in this site report releases any person from liability, and the Minnesota Pollution Control Agency does not waive any of its authority to require additional corrective action at the above-referenced site or to enforce other provisions of state law.

Dated: 2/3/99

Mark Schmitt
Supervisor
Regular Facilities, Policy and Planning

MINNESOTA DEPARTMENT OF COMMERCE

MEMORANDUM

To: Petrofund Board

From: Sue Sauer

Date: May 31, 2000

Re: Leak #11991, Jordan Texaco

The applicant, Yocum Oil Company, is appealing the 10% reduction in reimbursement ($492.30) on the costs associated with the remedial investigation/corrective action design report and remedial design/maintenance steps for failure to obtain written proposals in accordance with Minn. Rule 2890.0074.

The reduction was imposed on the remedial investigation/corrective action design report costs because the applicant did not approve the proposal before incurring the costs for that step. In addition, the proposal, according to the date the consultant signed it, was not produced until after the costs for the step were invoiced. The reduction was imposed on the remedial design/maintenance costs because the applicant did not obtain a written proposal for that step.

The applicant's attorney, on behalf of the applicant, states that "most of the work which is the subject of the current reimbursement application was performed in an emergency situation...and the work performed and results reported did not fit neatly into the categories established by the Petrofund in its application process." The work, however, was performed at least nine months after the emergency bid waiver was issued by the MPCA (the waiver was for recovery of petroleum and removal of petroleum vapors, not for reporting). It was also performed after competitive proposals were obtained for initial site assessment work. It would appear, then, that there was sufficient time to obtain proposals for the subsequent work.

For these reasons, staff recommends reimbursement of $18,563.63, which includes the reduction listed above.

MINNESOTA DEPARTMENT OF COMMERCE

February 23, 2000

Tony Yocum
2719 Stillwater Ave
Maplewood MN 55119

RE: Jordan Texaco—Leak #11991

Dear Mr. Yocum:

Your supplemental application for reimbursement dated December 27, 1999 has been reviewed by Petrofund staff. Reimbursement of $18,563.63 has been approved for payment.

Please note that you have three options available to you:

- **You may appeal the amount approved for reimbursement. If you choose this option, you must do so in writing.** Your letter must include the specific basis for your appeal and must be received ***within 60 days of the date of this letter*** (pursuant to Minn. Stat. §115C.12, subd. 1). Your application will then be reviewed by the Board at its June 14, 2000 Board meeting. The meeting will be held at 8:30 A.M. in the First Floor Hearing Room, Department of Commerce, 133 East Seventh Street, St. Paul, MN.
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1. Minn. Rule 2890.0074 requires that the applicant obtain a written proposal for each step of consultant services, and that the applicant approve the written proposal before incurring costs for each step of consultant services. Because you did not approve the proposal for the remedial investigation/corrective action design report step before incurring costs for that step, and because you did not obtain a written proposal the remedial design/maintenance step, a 10% reduction in reimbursement has been imposed on the costs associated with those steps. This reduction amounts to $492.30 and is made pursuant to Minn. Stat. §115C.09, subd. 3 (i).

If you have any questions, please contact me at (651) 282-6406 or (800) 638-0418 (in Greater Minnesota only), or via e-mail at sue.sauer@state.mn.us.

Sincerely,

Sue A. Sauer
Commerce Analyst

133 East Seventh Street, St. Paul, MN 55101-2333
Telephone (651) 296-4026 • Fax (651) 296-8591 • TTY/TDD (651) 296-2860
e-mail: commerce@state.mn.us
Web Site: www.commerce.state.mn.us

Strusinski & Associates, P.A.

Attorneys at Law

Donna L. Strusinski
donna@strusinski.com

Western Bank Building
1740 Rice Street, Suite 280
St. Paul, MN 55113

Office: (651) 487-1208
Fax: (651) 487-0662

Paul W. Muilenberg
paul@strusinski.com

April 19, 2000

VIA FACSIMILE AND UNITED STATES MAIL
(651) 296-8591

Ms. Sue A. Sauer
Minnesota Department of Commerce
133 East Seventh Street
St. Paul, MN 55101-2333

Re: Supplemental Application for Reimbursement
Jordan Texaco – Leak #11991

Dear Ms. Sauer:

Please be advised that I represent Yocum Oil Company in the above-referenced matter. Yocum Oil Company hereby advises you that it is appealing the amount approved for reimbursement as set forth in your letter dated February 23, 2000 (the "Determination Letter").

In the Determination Letter, you state that Yocum Oil Company will be assessed a reduction in reimbursement due to its failure to obtain written proposals for the remedial investigation/corrective action design report step and because it failed to obtain a written proposal for the remedial design/maintenance step. We believe these reductions are inappropriate given the unique circumstances surrounding this remediation site.

As you may or may not be aware, the remediation of the Yocum-Jordan Site began as an emergency response to a spill. After the initial emergency response activities, Yocum's environmental consultants met with the project manager from the Minnesota Pollution Control Agency to determine what to do next in the response process. Following that meeting, the consultants performed the work requested by the MPCA. It is this work that was described as "Remedial Design / Maintenance" in the application for reimbursement. In reality, there really was no "remedial design / maintenance" step. The work done was merely labeled "remedial design / maintenance" because it was the most convenient "label" available in the application forms. The reporting step was also out of the ordinary since it did not stem from a true remedial design / maintenance step. The report was a detailed summary of a multitude of response activities which have been performed at the site to date, necessitated in part by the fact that

OCT-28-1998 14:45 MN. PCA GWSW P.01/01

Minnesota Pollution Control Agency

Tanks and Emergency Response Section, 520 Lafayette Road, St. Paul, MN 55155

Emergency Response Bid Waiver

To: Responsible Party: **Yokum Oil Company**
Street Address: **2719 Stillwater Road**
City, State, Zip Code: **. Maplewood, Minnesota 55119**

RE: Site Name: **Jordan Texaco**
Address: **255 Triangle Lane, Jordan**

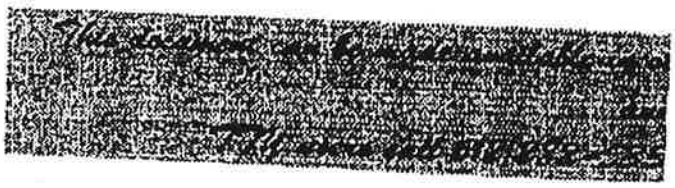
LEAK #: 11991
Date of Report: 10/28/98

The following actions should be taken to remediate the emergency conditions at the above-referenced site. Only these specified tasks are exempt from the two bid requirements. Unless approved by the assigned project manager, other phases of investigation and remediation at this site will need two bids.

- ☐ Recovery and control of pooled petroleum on land.
- ☒ Recovery and control of petroleum on surface or ground waters.
- ☒ Recovery and control of petroleum infiltrating a sanitary or storm sewer.
- ☒ Recovery and control of petroleum infiltrating a building or structure.
- ☒ Removal and control of petroleum vapors in a building, structure or sewer.
- ☐ Relocation of affected residents.
- ☐ Excavation of petroleum contaminated soil to eliminate emergency conditions.
- ☐ Product removal from a tank.
- ☐ Soil borings/monitoring well installation to assess the emergency conditions.
- ☐ Collecting and analyzing surface water, ground water, soil or air samples to assess or monitor the emergency situation.
- ☐ Providing an alternate water supply to an affected well owner.
- ☐ Other, specify:

Authorization:
Richard Newquist 10-28-98
sign and date
Richard Newquist
print name and telephone #
651 - 297 - 8582
Tanks and Emergency Response Section
Hazardous Waste Division

DONNA
FYI
JORDAN - YOCUM SITE



Post-it® Fax Note 7671 | Date 10/28 | # of pages ▶ 1
To John Mills | From Richard Newquist
Co./Dept. Arden Env. | Co. MPCA
Phone # | Phone #
Fax # 651 484 5568 | Fax # 651 296 9707

TOTAL P.01

Arden Environmental, the consultant until early this year, has resigned and a new consultant has been chosen. We anticipate that a final RI report will be submitted at a later date, after the new consultant has completed further activities which have been requested by the MPCA.

In summary, most of the work which is the subject of the current reimbursement application was performed in an emergency situation, its scope was developed during a meeting and telephone conversations between the MPCA and Yocum Oil Company's environmental consultants and the work performed and results reported did not fit neatly into the categories established by the Petrofund in its application process. Given these considerations, it is both fair and reasonable for Yocum Oil Company to obtain full reimbursement for its expenses.

It is my sincere wish that the Department of Commerce will be willing to resolve this issue without the need to proceed to an appeal hearing. My client believes strongly that it should be entitled to full reimbursement when it has made a good faith effort to comply with the MPCA's requests and the Petrofund rules. I ask that you reconsider your reimbursement decision.

Sincerely,

STRUSINSKI & ASSOCIATES, P. A.

Paul W. Muilenberg

PWM/ddc

Cc: Anthony Yocum @ Yocum Oil Company, Inc.

high levels downgradient. The furthest downgradient boring, GP-4, had 7300 ppb benzene and 32000 ppb GRO.
According to our guidance it's pretty clear that additional investigation downgradient needs to be conducted. I'm guessing that the best spot would probably be across Hwy 169.
Also there is a creek that runs on the north side of 169 and a well should be placed between the creek and the release.
However, considering the site constraints in may only be feasible to advance periodic geoprobes instead of borings between 169 and the creek.

02/16/2000;

Contacted John Mills, Arden Environmental, to discuss my concerns. John said they no longer are working on the project and the project is currently being handled by Strusinski & Associates. Donna Strusinski's phone # 651/487-1208.

Spoke with Donna. She said that they called Commerce and Commerce recommended that they get 2 bids from environmental consultants to address finishing the project. She expects to be awarding the project in the next day or so and that she would have the consultant give me a call. We also discussed the additional investigation needed but I explained to her that that wouldn't affect the bidding process.

02/22/2000;

Spoke with the new consultants, Eric Ealy and Brad Birke, IT Corp and discussed the site. We discussed the need for additional work in the downgradient (NNW) direction.

03/15/200;

Spoke with Eric Ealy. He said that they had discussed the site with the RP and MNDOT. The RP needs a letter specifically requesting the need for geoprobing on the other side of 169 and if possible a geoprobe in the median between the northbound and southbound lanes of 169.

03/31/00:

In review of the September 21, 1999 Remedial Investigation Report submitted by Arden Environmental Engineering, Inc., pertaining to the Yocum Oil Company leaksite, MPCA LEAK #11991, MPCA has determined that additional work is necessary . Specifically further investigation is needed to delineate the downgradient extent of the contaminant plume. A minimum of two geoprobes should be advanced across Highway 169 near the creek and lowland area. If possible a third geoprobe should be advanced in the median between the north and southbound lanes of Highway 169.