MOORE OIL

There's More to Moore Than Oil

November 3rd, 2000

State of Wisconsin
Department of Natural Resources
Milwaukee Service Center
2300 N. Dr. Martin Luther King Drive
Milwaukee, WI 53212-0436
Attn: Theodore Busch
Waste Water Engineer

Dear Mr. Busch,

As per your letter dated June 16th, 2000, I'm sending you quarterly storm water discharge reports, a copy of my last water sample analysis and a general update of what has taken place during the last quarter at our facility.

1) On June 30th, 2000, Pioneer Environmental Inc., was contracted to check out our groundwater treatment system.

2) The old tank farm pit located at the back of the property has been filled in with fresh clay. As of this date, this process is still in progress and should be completed by November 1st, 2000.

3) Railroad siding located on the east side of the building, has been cleaned up and topped with new stone. New unloading procedures for unloading railcars to avoid spillage, has also been implemented.

4) All of our roof drains have been redirected and no longer add water that has to be treated in our groundwater treatment systems, this will reduce our treatable water.

5) I'm enclosing a few pictures of what has been accomplished this past quarter. If you have any questions, please don't hesitate to call.

Sincerely,

Randy Reiter

cc. Mark Drews
cc. Mike Zillmer
Daniel Morgan P.E. HSI Geotrans

Discharge Monitoring Report Form (Contaminated Groundwater) Permit No. - WI-0046566-3 Permittee Scott Haag
Moore Oil Company, Inc.
4033 W. Custer Avenue
Milwaukee WI 53209

Lab Name: TEST AMERICA
Lab Cert#: 128053530
DMR Sent to: Moore Oil

DNR FIle Reference Number: 241174340

Outfall Number	001	001	001	001	001	001
Parameter Name	Flow	TSS	Oil & Grease	Field pH	BTEX	Toluene
Parameter Units	gal/day 5000	mg/l	mg/l	s.u.	ug/l	ug/l
Lab Method Used	—	EPA 160.2	SM 5520 B	EPA 150.1	SW 8260B	SW 8260B
Date(s) Sampled	July - Sept.	10-4-00	10-4-00	10-4-00	10-4-00	10-4-00
Results		8.0	2.7	7.2	< 1.1	< 0.39
Daily Max Limit	8800	40	10			
~~Monthly~~ Quarterly Avg. Limit	3085 Gal / Day				750	
Sample Type	estimate	grab	grab	grab	grab	grab
Sample Frequency	continuous	quarterly	quarterly	quarterly	quarterly	quarterly

Unless noted under parameter name, each daily value entered must be the highest value of all sample types analyzed for that day

Send Report To: Wastewater Section
Department of Natural Resources
P.O. Box 12436
Milwaukee, WI 53212

Return Report no later Than: monthly

Please attach notes and/or address-name corrections on a seperate sheet

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediatly responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitted false information, including the possibility of fines and imprisonment, (40 CFR 122.5). I also certify that the values being submitted are the actual values found in the samples; no values have been modified or changed in any manner. Where ever I believe a value being reported is inaccurate, I have added an explaination indicating the reasons why the value is inaccurate.

Signature of Person Completing Form	
Randy Reiter	
Signature of Principal Exec. Officer or Authorized Agent	Title
Scott A. Haag	President

Discharge Monitoring Report Form (Contaminated Groundwater) Permit No. - WI-0046566-3 Permittee Scott Haag
Moore Oil Company, Inc.
4033 W. Custer Avenue
Milwaukee WI 53209

Lab Name: TEST AMERICA
Lab Cert#: 128653530
DMR Sent to: Moore Oil

DNR FIle Reference Number: 241174340

Outfall Number	001	001	001	001	001	
Parameter Name	Benzene	Xylene	PAHs	Tot. Rec Lead	Vinyl Chloride	
Parameter Units	ug/l	ug/l	ug/l	ug/l	ug/l	
Lab Method Used	SW 8260B	SW 8260 B	SW 8310 Aqueous	EPA 200.9	SW 8260 B	
Date(s) Sampled	10-4-00	10-4-00	10-4-00	10-4-00	10-4-00	
RESULTS	< 0.31	< 1.1	< 0.10	< 0.0012 mg/L	< 0.46	
Daily Max Limit				50		
Monthly Avg. Limit	50		0.1		10	
Sample Type	grab	grab	grab	grab	grab	
Sample Frequency	quarterly	quarterly	quarterly	quarterly	quarterly	

Unless noted under parameter name, each daily value entered must be the highest value of all sample types analyzed for that day

Send Report To: Wastewater Section
Department of Natural Resources
P.O. Box 12436
Milwaukee, WI 53212

Return Report no later Than: monthly

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I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediatly responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitted false information, including the possibility of fines and imprisonment, (40 CFR 122.5). I also certify that the values being submitted are the actual values found in the samples; no values have been modified or changed in any manner. Where ever I believe a value being reported is inaccurate, I have added an explaination indicating the reasons why the value is inaccurate.

Signature of Person Completing Form	
Signature of Principal Exec. Officer or Authorized Agent: Scott R Haag	Title: President

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Mr. Randy Reiter
MOORE OIL COMPANY, INC.
4033 W. Custer Avenue
Milwaukee, WI 53209

10/20/2000
Job No: 00.08751
Sample No: 414111
Account No: 51727

JOB DESCRIPTION: Effluent/Influent Water
PROJECT DESCRIPTION: Wastewater Analysis
SAMPLE DESCRIPTION: Effluent/Influent Water 10/4
Rec'd 4 degrees C

Date/Time Taken: 10/04/2000 06:00 Date Received: 10/05/2000

Parameter		Results	Units	MDL	LOQ	Method	Date Analyzed	Prep/Run Batch	
Oil & Grease, Freon	P	2.7	mg/L	1.0	3.3	SM 5520B	10/17/2000		1262
pH, Lab		7.2	units	n/a	n/a	EPA 150.1	10/16/2000		2034
Solids, Total Suspended		8.0	mg/L	1.0	3.3	EPA 160.2	10/10/2000		2247
Lead, T Rec., GFAA		<0.0012	mg/L	0.0012	0.0044	EPA 200.9	10/13/2000	1047	655
VOC - AQUEOUS - EPA 8260B									
Benzene		<0.31	ug/L	0.31	0.98	SW 8260B	10/09/2000		784
Ethylbenzene		<0.38	ug/L	0.38	1.2	SW 8260B	10/09/2000		784
Toluene		<0.39	ug/L	0.39	1.3	SW 8260B	10/09/2000		784
Vinyl Chloride		<0.46	ug/L	0.46	1.5	SW 8260B	10/09/2000		784
Xylenes, Total		<1.1	ug/L	1.1	3.6	SW 8260B	10/09/2000		784
Surr: Dibromofluoromethane		112.8	%		83-125	SW 8260B	10/09/2000		784
Surr: Toluene-d8		101.8	%		90-110	SW 8260B	10/09/2000		784
Surr: Bromofluorobenzene		97.4	%		86-115	SW 8260B	10/09/2000		784
PNA Extraction		10/09/2000				SW 3510C	10/09/2000	889	
PNA - 8310 AQUEOUS									
Acenaphthene		<0.23	ug/L	0.22	0.76	SW 8310	10/10/2000	889	1367
Acenaphthylene		<0.58	ug/L	0.55	1.9	SW 8310	10/10/2000	889	1367
Anthracene		<0.019	ug/L	0.018	0.062	SW 8310	10/10/2000	889	1367
Benzo(a)anthracene		<0.018	ug/L	0.017	0.060	SW 8310	10/10/2000	889	1367
Benzo(b)fluoranthene		<0.045	ug/L	0.043	0.15	SW 8310	10/10/2000	889	1367
Benzo(k)fluoranthene		<0.030	ug/L	0.029	0.10	SW 8310	10/10/2000	889	1367
Benzo(a)pyrene		<0.028	ug/L	0.027	0.096	SW 8310	10/10/2000	889	1367
Benzo(ghi)perylene		<0.10	ug/L	0.10	0.36	SW 8310	10/10/2000	889	1367
Chrysene		<0.014	ug/L	0.013	0.046	SW 8310	10/10/2000	889	1367
Dibenzo(a,h)anthracene		<0.17	ug/L	0.16	0.55	SW 8310	10/10/2000	889	1367
Fluoranthene		<0.10	ug/L	0.10	0.36	SW 8310	10/10/2000	889	1367
Fluorene		<0.030	ug/L	0.029	0.10	SW 8310	10/10/2000	889	1367
Indeno(1,2,3-cd)pyrene		<0.087	ug/L	0.083	0.29	SW 8310	10/10/2000	889	1367
1-Methylnaphthalene		<0.42	ug/L	0.40	1.4	SW 8310	10/10/2000	889	1367
2-Methylnaphthalene		<0.63	ug/L	0.60	2.1	SW 8310	10/10/2000	889	1367
Naphthalene		<0.23	ug/L	0.22	0.80	SW 8310	10/10/2000	889	1367
Phenanthrene		<0.015	ug/L	0.014	0.048	SW 8310	10/10/2000	889	1367
Pyrene		<0.049	ug/L	0.047	0.17	SW 8310	10/10/2000	889	1367
Surr: 2-Fluorobiphenyl		91.2	%		31-143	SW 8310	10/10/2000	889	1367

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QUALITY CONTROL REPORT
BLANKS

10/20/2000

Mr. Randy Reiter
MOORE OIL COMPANY, INC.
4033 W. Custer Avenue
Milwaukee, WI 53209

Job No: 00.08751
Account No: 51727

Job Description: Effluent/Influent Water

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Benzo(k)fluoranthene	889	1368	<0.029	0.029	0.10	ug/L
Benzo(a)pyrene	889	1368	<0.027	0.027	0.096	ug/L
Benzo(ghi)perylene	889	1368	<0.10	0.10	0.36	ug/L
Chrysene	889	1368	<0.013	0.013	0.046	ug/L
Dibenzo(a,h)anthracene	889	1368	<0.16	0.16	0.55	ug/L
Fluoranthene	889	1368	<0.10	0.10	0.36	ug/L
Fluorene	889	1368	<0.029	0.029	0.10	ug/L
Indeno(1,2,3-cd)pyrene	889	1368	<0.083	0.083	0.29	ug/L
1-Methylnaphthalene	889	1368	<0.40	0.40	1.4	ug/L
2-Methylnaphthalene	889	1368	<0.60	0.60	2.1	ug/L
Naphthalene	889	1368	<0.22	0.22	0.80	ug/L
Phenanthrene	889	1368	<0.014	0.014	0.048	ug/L
Pyrene	889	1368	<0.047	0.047	0.17	ug/L
Surr: 2-Fluorobiphenyl	889	1368	101.0		31-143	%

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample.

662 COMMERCE DRIVE / WATERTOWN, WI 53094 (920-261-1660)/FAX: 920-261-8120

00.08751

TestAmerica INCORPORATED

602 Commerce Drive / Watertown, WI 53094
Phone: (920) 261-1660 / Fax: (920) 261-8120

CHAIN OF CUSTODY RECORD

COMPANY: Moore Oil Company
ADDRESS: 4033 W Custer Ave
PHONE: Milw WI 53209 FAX:
PROJECT DESCRIPTION/NO.: 414-462-3200 x117
PROJECT MANAGER:

REPORT TO:
INVOICE TO:
P.O. NO.:
QUOTE NO.:

SAMPLED BY: Randy Reiter
NAME: R Reiter
NAME:

Fax Results?____ QC w/Results?____

Which regulations apply?
NPDES/Wastewater____ RCRA____ UST____
Drinking Water____ Other____ None____

DATE	TIME	SAMPLE ID/DESCRIPTION	FILTERED	MATRIX	GRAB	COMP	# and Type of Containers: HCl	NaOH	HNO_3	H_2SO_4	NONE	METHANOL	OTHER	ANALYSIS: Oil Grease	pH, TSS	PAH	BTEX	LEAD	VOC's chloride				COMMENTS
10/4	0600	Effluent / Influent Water		W			3		3		3												2 NT ambers - preserve / for OG

LAB USE ONLY

CONDITION OF SAMPLE: BOTTLES INTACT? YES / NO VOLATILES FREE OF HEADSPACE? YES / NO BOTTLES SUPPLIED BY LAB? YES / NO TEMPERATURE UPON RECEIPT: 4 °C

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	RELINQUISHED BY:	DATE	TIME	RECEIVED FOR LAB BY:
R Reiter	10/5/00	9:00			10/5/00	13:50	Carla B 10/6/00

METHOD OF SHIPMENT:
TestAmerica Courier X
Client ____
Common Carrier ____

REMARKS:

TestAmerica
INCORPORATED

ANALYTICAL AND QUALITY CONTROL REPORT

Mr. Randy Reiter
MOORE OIL COMPANY, INC.
4033 W. Custer Avenue
Milwaukee, WI 53209

10/20/2000

Job No: 00.08751

Enclosed are the Analytical and Quality Control reports for the following samples submitted for analysis:

Sample Number	Sample Description	Date Taken	Date Received
414111	Effluent/Influent Water 10/4	10/04/2000	10/05/2000

Soil results are reported on a dry weight basis. The above sample(s) may have a result flag shown on the report. The following are the result flag definitions:

A = Analyzed/extracted past hold time
C = Standard outside of control limits
F = Sample filtered in lab
H = Late eluting hydrocarbons present
J = Estimated concentration
M = Matrix interference
Q = Result confirmed via re-analysis
T = Does not match typical pattern
X = Unidentified compound(s) present
B = Blank is contaminated
D = Diluted for analysis
G = Received past hold time
I = Improperly handled sample
L = Common lab solvent and contaminant
P = Improperly preserved sample
S = Sediment present
W = BOD re-set due to missed dilution
Z = Internal standard outside limits

Karen R. Wenta
Inorganic Operations Manager

602 Commerce Drive / Watertown, WI 53094 / 920-261-1660 / Fax: 920-261-8120
WDNR No. 128053530

TestAmerica
INCORPORATED

QUALITY CONTROL REPORT
BLANKS

10/20/2000

Mr. Randy Reiter
MOORE OIL COMPANY, INC.
4033 W. Custer Avenue
Milwaukee, WI 53209

Job No: 00.08751
Account No: 51727

Job Description: Effluent/Influent Water

Parameter	Prep Batch	Run Batch	Blank Result	MDL	LOQ	Units
Lead, T Rec., GFAA	1047	655	<0.0012	0.0012	0.0044	mg/L
Lead, T Rec., GFAA		655	<0.0012	0.0012	0.0044	mg/L
VOC - AQUEOUS - EPA 8260B						
Benzene		784	<0.31	0.31	0.98	ug/L
Ethylbenzene		784	<0.38	0.38	1.2	ug/L
Toluene		784	<0.39	0.39	1.3	ug/L
Vinyl Chloride		784	<0.46	0.46	1.5	ug/L
Xylenes, Total		784	<1.1	1.1	3.6	ug/L
Surr: Dibromofluoromethane		784	102.8		83-125	%
Surr: Toluene-d8		784	99.6		90-110	%
Surr: Bromofluorobenzene		784	101.0		86-115	%
PNA - 8310 AQUEOUS						
Acenaphthene	889	1367	<0.22	0.22	0.76	ug/L
Acenaphthylene	889	1367	<0.55	0.55	1.9	ug/L
Anthracene	889	1367	<0.018	0.018	0.062	ug/L
Benzo(a)anthracene	889	1367	<0.017	0.017	0.060	ug/L
Benzo(b)fluoranthene	889	1367	<0.043	0.043	0.15	ug/L
Benzo(k)fluoranthene	889	1367	<0.029	0.029	0.10	ug/L
Benzo(a)pyrene	889	1367	<0.027	0.027	0.096	ug/L
Benzo(ghi)perylene	889	1367	<0.10	0.10	0.36	ug/L
Chrysene	889	1367	<0.013	0.013	0.046	ug/L
Dibenzo(a,h)anthracene	889	1367	<0.16	0.16	0.55	ug/L
Fluoranthene	889	1367	<0.10	0.10	0.36	ug/L
Fluorene	889	1367	<0.029	0.029	0.10	ug/L
Indeno(1,2,3-cd)pyrene	889	1367	<0.083	0.083	0.29	ug/L
1-Methylnaphthalene	889	1367	<0.40	0.40	1.4	ug/L
2-Methylnaphthalene	889	1367	<0.60	0.60	2.1	ug/L
Naphthalene	889	1367	<0.22	0.22	0.80	ug/L
Phenanthrene	889	1367	<0.014	0.014	0.048	ug/L
Pyrene	889	1367	<0.047	0.047	0.17	ug/L
Surr: 2-Fluorobiphenyl	889	1367	93.0		31-143	%
PNA - 8310 AQUEOUS						
Acenaphthene	889	1368	<0.22	0.22	0.76	ug/L
Acenaphthylene	889	1368	<0.55	0.55	1.9	ug/L
Anthracene	889	1368	<0.018	0.018	0.062	ug/L
Benzo(a)anthracene	889	1368	<0.017	0.017	0.060	ug/L
Benzo(b)fluoranthene	889	1368	<0.043	0.043	0.15	ug/L

Method blank results exceed control limits when results are higher than the highest of any of the following: 1 - The limit of detection; 2 - Five percent of the regulatory limit for that analyte; 3 - Five percent of the measured concentration in the sample. NR149.14 (3)d

PUMP READINGS FOR MONTH OF Sept 2000

DATE	METER BEGIN	METER END	TOTAL GALLONS
1	271480	271560	80
2			
3			
4			
5	271560	276490	4930
6	276490	282330	5840
7	282330	283700	1370
8	283700	289920	6220
9			
10			
11	289920	295640	5720
12	295640	300330	4690
13	300330	302010	1680
14	302010	306350	4340
15			
16			
17	306350	321170	14820
18	321170	325970	4800
19	325970	330890	4920
20	330890	335870	4980
21	335870	340660	4790
22	340660	345670	5010
23			
24			
25	345670	360570	14900
26	360570	360810	240
27	360810	360890	80
28	360890	360890	0
29	360890	360890	0
30			
31			
		TOTALTS	89410

PUMP READINGS FOR MONTH OF AUG. 2000

DATE	METER BEGIN	METER END	TOTAL GALLONS
1	178124	180236	2112
2	180236	182348	2112
3	182348	184460	2112
4	184460	186572	2112
5			
6			
7	186572	188690	2118
8	188690	194590	5900
9	194590	202160	7570
10	202160	205880	3720
11	205880	207490	1610
12			
13			
14	207490	210260	2770
15	210260	212820	2560
16	212820	219100	6280
17	219100	223800	4700
18	223800	229970	6170
19			
20			
21	229970	235510	5540
22	235510	242190	6680
23	242190	250990	8800
24	250990	257770	6780
25	257770	260480	2710
26			
27			
28	260480	266440	5960
29	266440	268450	2010
30	268450	270790	2340
31	270790	271480	690
		TOTALTS	93,356

PUMP READINGS FOR MONTH OF July 2000

DATE	METER BEGIN	METER END	TOTAL GALLONS
1			
2			
3	77050	77050	0
4			
5	77050	80200	3150
6	80200	83880	3680
7	83880	85580	1700
8			
9			
10	85580	89480	3900
11	89480	95220	5740
12	95220	101210	5990
13	101210	105920	4710
14	105920	122850	16930
15			
16			
17	122850	128540	5690
18	128540	132140	3600
19	132140	137600	5460
20	137600	142090	4490
21	142090	156570	14480
22			
23			
24	156570	162900	6330
25	162900	165190	2290
26	165190	169240	4050
27	169240	173900	4660
28	173900	176012	2112
29			
30			
31	176012	178124	2112
		TOTALTS	101074

July 28 to Aug 8
Took Average
(On Vacation)