



40-8027

August 15, 1989

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Myron O. Knudson, P.E., Director
Water Management Division (6W), Region VI
U. S. Environmental Protection Agency
Allied Bank Tower
1445 Ross Avenue
Dallas, Texas 75202-2733

Re: NPDES Permit OK0000191
Sequoyah Fuels Corporation

Dear Mr. Knudson:

Attached are the Discharge Monitoring Reports (DMRs) for the period July 1, through July 31, 1989, for the subject permit.

This report is required by and specifically prepared for the U.S. Environmental Protection Agency. It presents the observed results of measurements and analyses required to be performed by EPA. It is not intended as an assertion of the accuracy of any instrument, reading, or analytical result, nor is it an endorsement of the suitability of any analytical or measurement procedure.

If you have any questions or require further information, please contact me at (918) 489-3231.

Sincerely,

Scott P. Knight
Scott P. Knight
Vice President,
Administration

SPK:RJD/mmp

Attachment: (1)

8910030237 890731
PDR ADOCK 04008027
C PNU

xc: James Barnett, Oklahoma Water Resources Board
R. E. Hall, U.S. NRC, Region IV

DESIGNATED ORIGINAL

Certified By *Mary C. Hood*

Hwy 10 & I-4C

P.O. Box 610

Gore, Oklahoma 74435

Telephone (918) 489 5511

Facsimile (918) 489 5620

RE: 89132-E
RETURN ORIGINAL TO PDR, HQ.

AUG 1989
RECEIVED

TO
LPDR

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AUG 17 1989
USNRC
MAIL SECTION
DOCKET CLERK

PFO 2
11

89-0904

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY Sequoyah Fuels Corporation
LOCATION P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

DK0000191 #

DISCHARGE NUMBER # 001 N #

ATTN: Scott P. Knight
V. President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD

from 07/01/89

to 07/31/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
PH	sample measurement	7.2	8.3	SU	7.2	8.3			0	3/DAY	GRAB
00400 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	6.0	7.0	SU	6.0	7.0				3/DAY	GRAB
SOLIDS, TOTAL SUSPENDED	sample measurement	26	35	LB/DAY					0	3/WEEK	COMP
00530 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	543	1086	LB/DAY						3/WEEK	COMP
NITROGEN, NITRATE TOTAL (as N)	sample measurement	21	38	LB/DAY		1.62	2.55	mg/L	0	3/WEEK	COMP
00620 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	75	300	LB/DAY		REPORT	REPORT	mg/L		3/WEEK	COMP
FLUORIDE, TOTAL (as F)	sample measurement	4.1	8.3	LB/DAY		0.33	0.68	mg/L	0	3/WEEK	COMP
00951 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	30	75	LB/DAY		REPORT	REPORT	mg/L		3/WEEK	COMP
NITROGEN, AMMONIA TOTAL (as N)	sample measurement					0.38	0.55	mg/L	0	1/WEEK	COMP
EFFLUENT GROSS VALUE	permit requirement					REPORT	REPORT	mg/L		1/WEEK	COMP
Radium-226, TOTAL (as Ra)	sample measurement					.3	.4	pCi/L	0	1/WEEK	COMP
EFFLUENT GROSS VALUE	permit requirement					REPORT	30.0	pCi/L		1/WEEK	COMP
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	sample measurement	1.490	1.964	MGD					N/A	CONTINUOUS RECORDER	
50050 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD						CONTINUOUS RECORDER	

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 10 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY Sequoyah Fuels Corporation
LOCATION P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

OK0000191 #

DISCHARGE NUMBER # 004 N #

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD from 07/01/89 to 07/31/89 #MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO.	FREQ	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS	OF	of	
									EXC.	ANALYSIS	
PH											
	sample measurement				N/A		N/A	SU	N/A	1/DAY	PROPOR
00400 1 0 0											
EFFLUENT GROSS VALUE	permit requirement				6.0		9.0	SU		1/DAY	PROPOR
NITROGEN,NITRATE											
TOTAL (as N)	sample measurement	NA	NA	NA		N/A	N/A	mg/L	N/A	1/DAY	PROPOR
00620 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L		1/DAY	PROPOR
FLUORIDE, TOTAL											
(as F)	sample measurement	NA	NA	NA		N/A	N/A	mg/L	N/A	1/DAY	PROPOR
00951 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L		1/DAY	PROPOR
NITROGEN, AMMONIA											
TOTAL (as N)	sample measurement	NA	NA	NA		N/A	N/A	mg/L	N/A	1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L		1/DAY	PROPOR
Radium-226, TOTAL											
(as Ra)	sample measurement	NA	NA	NA		N/A	N/A	pCi/L	N/A	1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	30.0	pCi/L		1/DAY	PROPOR
FLOW, IN CONDUIT OR											
THRU TREATMENT PLANT	sample measurement	N/A	N/A	MGD					N/A	1/DAY	ESTIMATE
50050 1 0 0											
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD						1/DAY	ESTIMATE

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

* There were zero days of flow during this monitoring period.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 101 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY Sequoyah Fuels Corporation
LOCATION P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

OK0000191 #

DISCHARGE NUMBER # 005 W #

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD

from 07/01/89

to 07/31/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
PH											
	sample measurement	###	###	###	7.1	###	7.8	SU		1/DAY	PROPOR
00400 1 0 0									0		
EFFLUENT GROSS VALUE	permit requirement	###	###	###	6.0	###	9.0	SU		1/DAY	PROPOR
NITROGEN, NITRATE											
TOTAL (as N)	sample measurement	NA	NA	NA	###	182	286	mg/L		1/DAY	PROPOR
00620 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
FLUORIDE, TOTAL											
(as F)	sample measurement	NA	NA	NA	###	.90	.96	mg/L		1/DAY	PROPOR
00951 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
NITROGEN, AMMONIA											
TOTAL (as N)	sample measurement	NA	NA	NA	###	5.9	9.4	mg/L		1/DAY	PROPOR
									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
Radium-226, TOTAL											
(as Ra)	sample measurement	NA	NA	NA	###	.4	.4	pCi/L		1/DAY	PROPOR
									0		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	###	REPORT	30.0	pCi/L		1/DAY	PROPOR
FLOW, IN CONDUIT OR											
THRU TREATMENT PLANT	sample measurement	0.3571	0.4709	MGD	###	###	###	###		1/DAY	ESTIMATE
50050 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD	###	###	###	###		1/DAY	ESTIMATE

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

* There were two (2) days of flow during this monitoring period.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 101 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY LOCATION Sequoyah Fuels Corporation
P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

\$ OK0000191 \$

DISCHARGE NUMBER \$ 007 N \$

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD

from 07/01/89

to 07/31/89

\$MAJOR\$

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
PH	sample measurement	***	***	***	7.6	***	8.3	SU	0	1/DAY	PROPOR
00400 1 0 0 EFFLUENT GROSS VALUE	permit requirement	***	***	***	6.0	***	9.0	SU		1/DAY	PROPOR
NITROGEN, NITRATE TOTAL (as N)	sample measurement	NA	NA	NA	***	1.9	2.5	mg/L		1/DAY	PROPOR
00620 1 0 0 EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	***	REPORT	REPORT	mg/L	N/A	1/DAY	PROPOR
FLUORIDE, TOTAL (as F)	sample measurement	NA	NA	NA	***	0.71	0.78	mg/L		1/DAY	PROPOR
00951 1 0 0 EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	***	REPORT	REPORT	mg/L	N/A	1/DAY	PROPOR
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	NA	NA	NA	***	0.39	0.52	mg/L		1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	***	REPORT	REPORT	mg/L	N/A	1/DAY	PROPOR
Radium-226, TOTAL (as Ra)	sample measurement	NA	NA	NA	***	.4	.4	pCi/L		1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	***	REPORT	30.0	pCi/L	0	1/DAY	PROPOR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	sample measurement	0.3701	0.4798	MGD	***	***	***	***		1/DAY	ESTIMATE
50050 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD	***	***	***	***	N/A	1/DAY	ESTIMATE

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight
8-15-89

DATE

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 10 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

COMMENT and EXPLANATION of any VIOLATIONS

\$ There were two (2) days of flow during this monitoring period.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY Sequoyah Fuels Corporation
LOCATION P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

DK0000191 #

DISCHARGE NUMBER # 008 N #

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD

from 07/01/89

to 07/31/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO.	FREQ	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS	OF	of	
									EXC.	ANALYSIS	
PH											
	sample measurement				6.8		6.8	SU			1/DAY PROPOR
00400 1 0 0									0		
EFFLUENT GROSS VALUE	permit requirement				6.0		9.0	SU			1/DAY PROPOR
NITROGEN,NITRATE											
TOTAL (as N)	sample measurement	NA	NA	NA		224	310	mg/L			1/DAY PROPOR
00620 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L			1/DAY PROPOR
FLUORIDE, TOTAL											
(as F)	sample measurement	NA	NA	NA		0.92	0.96	mg/L			1/DAY PROPOR
00951 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L			1/DAY PROPOR
NITROGEN, AMMONIA											
TOTAL (as N)	sample measurement	NA	NA	NA		96	122	mg/L			1/DAY PROPOR
									N/A		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	REPORT	mg/L			1/DAY PROPOR
Radium-226, TOTAL											
(as Ra)	sample measurement	NA	NA	NA		.5	.7	pCi/L			1/DAY PROPOR
									0		
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA		REPORT	30.0	pCi/L			1/DAY PROPOR
FLOW, IN CONDUIT OR											
THRU TREATMENT PLANT	sample measurement	0.1891	0.2433	MGD							1/DAY ESTIMATE
50050 1 0 0									N/A		
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD							1/DAY ESTIMATE

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

* There were two (2) days of flow during this monitoring period.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 101 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY LOCATION Sequoyah Fuels Corporation
P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

OK0000191 #

DISCHARGE NUMBER # 01A N #

ATTN: Scott P. Knight
Vice President
Administration

TREATED
SANITARY WASTEWATER

MONITORING PERIOD

from 07/01/89

to 07/31/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ OF ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 0 0	sample measurement					12.7	20.6	MG/L	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	permit requirement					30.0	45.0	MG/L		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	sample measurement					2.0	3.6	MG/L	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	permit requirement					30.0	45.0	MG/L		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	sample measurement	.0049	.0099	MGD					0	DAILY	ESTIMATE
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD						DAILY	ESTIMATE

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

There were thirty-one (31) days of flow during this monitor period.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment (see 18 USC para. 101 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

PERMITTEE

FACILITY Sequoyah Fuels Corporation
LOCATION P. O. Box 610
Gore, OK 74435

PERMIT NUMBER

DK0000191 #

DISCHARGE NUMBER # TX 1 A#

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD

from 07/16/89

to 07/21/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ OF ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
LF P/F STATRE 7 DAY											
CHR CERIODAPHNIA	sample measurement					77%		0	#	ONCE/MO	COMP=24
TEP 3 B 1 0 0						REPORT					
EFFLUENT GROSS VALUE	permit requirement					DAILY AV		P=0/F=1	#	ONCE/MO	COMP=24
LF P/F STATRE 7 DAY											
CHR PINEPHALES	sample measurement					77%		0	#	ONCE/MO	COMP=24
TEP 6 C 1 0 0						REPORT					
EFFLUENT GROSS VALUE	permit requirement					DAILY AV		P=0/F=1	#	ONCE/MO	COMP=24
HLF P/F/ STATRE 7 DAY											
CHR CERIODAPHNIA	sample measurement					87%		0	#	ONCE/MO	COMP=24
TEP 3 B 1 0 0						REPORT					
EFFLUENT GROSS VALUE	permit requirement					DAILY AV		P=0/F=1	#	ONCE/MO	COMP=24
HLF P/F/ STATRE 7 DAY											
CHR PINEPHALES	sample measurement					87%		0	#	ONCE/MO	COMP=24
TEP 6 C 1 0 0						REPORT					
EFFLUENT GROSS VALUE	permit requirement					DAILY AV		P=0/F=1	#	ONCE/MO	COMP=24

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

S. P. Knight
VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

8-15-89

COMMENT and EXPLANATION of any VIOLATIONS

SFC PASSED ALL REQUIRED BIOMONITORING TESTS.

I certify under penalty of law that I have personally examined and am familiar with the information submitted herein and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment (see 18 USC para. 101 and 33 USC para. 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years).