

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

PERMITTEE

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

PERMIT NUMBER

DK0000191

DISCHARGE NUMBER

001 N
FINAL
COMBINED WASTEWATER

ATTN: Scott P. Knight
Vice President
Administration

MONITORING PERIOD

from 09/01/89

to 09/30/89

MAJOR

PARAMETER	QUANTITY/LOADING	QUALITY/CONCENTRATION			NO. OF EXC.	FREQ. of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS			
PH	sample measurement	7.2	7.9	SU	0	3/DAY	BRAB
00400 1 0 0 EFFLUENT GROSS VALUE	permit requirement	6.0	9.0	SU		3/DAY	BRAB
SOLIDS, TOTAL SUSPENDED	sample measurement	56.0	140.0	LB/DAY	0	3/WEEK	COMP
00530 1 0 0 EFFLUENT GROSS VALUE	permit requirement	543.0	1086.0	LB/DAY		3/WEEK	COMP
NITROGEN, NITRATE TOTAL (as N)	sample measurement	29.0	56.0	LB/DAY	0	3/WEEK	COMP
00620 1 0 0 EFFLUENT GROSS VALUE	permit requirement	75.0	300.0	LB/DAY		3/WEEK	COMP
FLUORIDE, TOTAL (as F)	sample measurement	9.7	23.1	LB/DAY	0	3/WEEK	COMP
00951 1 0 0 EFFLUENT GROSS VALUE	permit requirement	30.0	75.0	LB/DAY		3/WEEK	COMP
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	0.80	1.00	aq/L	NA	1/WEEK	COMP
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	aq/L		1/WEEK	COMP
Radium-226, TOTAL (as Ra)	sample measurement	0.13	0.40	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	2.252	3.113	MGD	NA	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

10-26-89

COMMENT and EXPLANATION of any VIOLATIONS

*Mechanical failure on Flow Totalizer, calculations based upon historical figures.

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. 1 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).

8912080174 891026
PDR ADDCK 04008027
PNU

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PERMITTEE

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LOCATION: P. O. Box 610
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FINAL
COMBINED WASTEWATER

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Vice President
Administration

MONITORING PERIOD

from 09/01/89

to 09/30/89

MAJOR

PARAMETER	QUANTITY/LOADING	QUALITY/CONCENTRATION				NO. OF EXC.	FREQ of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	UNITS			
PH	sample measurement	7.0	7.1	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	1.85	1.95	mg/L	NA	1/DAY	PROPOR	
00620 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L		1/DAY	PROPOR	
FLUORIDE, TOTAL (as F)	sample measurement	0.30	0.38	mg/L	NA	1/DAY	PROPOR	
00951 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L		1/DAY	PROPOR	
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	0.79	1.10	mg/L	NA	1/DAY	PROPOR	
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L		1/DAY	PROPOR	
Radium-226, TOTAL (as Ra)	sample measurement	0.00	0.00	pCi/L	0	1/DAY	PROPOR	
EFFLUENT GROSS VALUE	permit requirement	REPORT	30.0	pCi/L		1/DAY	PROPOR	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	sample measurement	0.0203	0.0205	MGD	NA	1/DAY	ESTIMATE	
50050 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD		1/DAY	ESTIMATE	

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10-26-89

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. 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).

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Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD from 09/01/89

to 09/30/89

#MAJOR#

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ. of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
PH	sample measurement	###	###	###	7.0	###	8.0	SU	0	1/DAY	PROPOR
00400 1 0 0	permit requirement	###	###	###	6.0	###	9.0	SU		1/DAY	PROPOR
NITROGEN, NITRATE TOTAL (as N)	sample measurement	NA	NA	NA	###	131.99	373.00	mg/L	NA	1/DAY	PROPOR
00620 1 0 0	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
EFFLUENT GROSS VALUE											
FLUORIDE, TOTAL (as F)	sample measurement	NA	NA	NA	###	1.13	1.41	mg/L	NA	1/DAY	PROPOR
00951 1 0 0	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	NA	NA	NA	###	2.88	7.20	mg/L	NA	1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	NA	NA	NA	###	REPORT	REPORT	mg/L		1/DAY	PROPOR
Radon-226, TOTAL (as Ra)	sample measurement	NA	NA	NA	###	0.13	0.30	pCi/L	0	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	0.0254	0.0596	MGD	###	###	###	###	NA	1/DAY	ESTIMATE
50050 1 0 0	permit requirement	REPORT	REPORT	MGD	###	###	###	###		1/DAY	ESTIMATE
EFFLUENT GROSS VALUE											

PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

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

SIGNATURE

Scott P. Knight

DATE

10-26-89

COMMENT and EXPLANATION of any VIOLATIONS

There were four (4) 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. 1001 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

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LOCATION: P. O. Box 610
Bore, DK 74435

PERMIT NUMBER

DK0000191

DISCHARGE NUMBER

007 N

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD from 09/01/89 to 09/30/89 MAJOR

PARAMETER		QUANTITY/LOADING			QUALITY/CONCENTRATION				NO. OF EXC.	FREQ of ANALYSIS	SAMPLE TYPE
		AVG	MAX	UNITS	MIN	AVG	MAX	UNITS			
PH	sample measurement	7.3	8.1	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	1.39	2.70	mg/L					NA	1/DAY	PROPOR
00620 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPOR
FLUORIDE, TOTAL (as F)	sample measurement	0.82	1.27	mg/L					NA	1/DAY	PROPOR
00951 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPOR
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	0.42	0.50	mg/L					NA	1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPOR
Radium-226, TOTAL (as Ra)	sample measurement	0.10	0.30	pCi/L					0	1/DAY	PROPOR
EFFLUENT GROSS VALUE	permit requirement	REPORT	30.0	pCi/L						1/DAY	PROPOR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	sample measurement	0.0162	0.0388	MGD					NA	1/DAY	ESTIMATE
50050 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD						1/DAY	ESTIMATE

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VICE PRESIDENT
ADMINISTRATION
PHONE 918 489 3231

SIGNATURE

Scott P. Knight

DATE

10-26-89

COMMENT and EXPLANATION of any VIOLATIONS

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PERMITTEE

FACILITY LOCATION Sequoyah Fuels Corporation
P. O. Box 610
Sore, DK 74435

PERMIT NUMBER

DK0000191

DISCHARGE NUMBER

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ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATER

MONITORING PERIOD from 09/01/89

to 09/30/89

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	7.6	SU						1/DAY	PROPDR
00400 1 0 0 EFFLUENT GROSS VALUE	permit requirement	6.0	9.0	SU						1/DAY	PROPDR
NITROGEN, NITRATE TOTAL (as N)	sample measurement	86.64	278.00	mg/L						1/DAY	PROPDR
00620 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPDR
FLUORIDE, TOTAL (as F)	sample measurement	0.57	0.80	mg/L						1/DAY	PROPDR
00951 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPDR
NITROGEN, AMMONIA TOTAL (as N)	sample measurement	40.12	150.00	mg/L						1/DAY	PROPDR
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	mg/L						1/DAY	PROPDR
Radium-226, TOTAL (as Ra)	sample measurement	0.28	0.80	pCi/L						1/DAY	PROPDR
EFFLUENT GROSS VALUE	permit requirement	REPORT	30.0	pCi/L						1/DAY	PROPDR
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	sample measurement	0.0215	0.0548	MGD						1/DAY	ESTIMATE
50050 1 0 0 EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD						1/DAY	ESTIMATE

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VICE PRESIDENT
ADMINISTRATION
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SIGNATURE

Scott P. Knight

DATE

10-26-89

COMMENT and EXPLANATION of any VIOLATIONS

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PERMITTEE

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

PERMIT NUMBER

DK0000191 #

DISCHARGE NUMBER

01A N #

ATTN: Scott P. Knight
Vice President
Administration

TREATED
SANITARY WASTEWATER

MONITORING PERIOD from 09/01/89

to 09/30/89

#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	####	####	####	####	8.9	16.0	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	####	####	####	####	5.1	8.6	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	0.0037	0.0096	MGD	####	####	####	####	NA	DAILY	ESTIMATE
EFFLUENT GROSS VALUE	permit requirement	REPORT	REPORT	MGD	####	####	####	####		DAILY	ESTIMATE

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VICE PRESIDENT
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FACILITY: Sequoyah Fuels Corporation
LOCATION: P. O. Box 610
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X 0K0000191 X
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DISCHARGE NUMBER

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X TX 1 A X
XXXXXXXXXX

ATTN: Scott P. Knight
Vice President
Administration

FINAL
COMBINED WASTEWATE

MONITORING PERIOD

from 09/01/89

to 09/30/89

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 TFP 3 B 1 0 0 EFFLUENT GROSS VALUE	sample measurement	XXXX	XXXX	XXXX	XXXX	0	XXXX	0	X	ONCE/MO	COMP=24
	permit requirement	XXXX	XXXX	XXXX	XXXX	DAILY AV	XXXX	P=0/F=1	X	ONCE/MO	COMP=24
LF P/F STATRE 7 DAY CHR PIMEPHALES TFP 6 C 1 0 0 EFFLUENT GROSS VALUE	sample measurement	XXXX	XXXX	XXXX	XXXX	0	XXXX	0	X	ONCE/MO	COMP=24
	permit requirement	XXXX	XXXX	XXXX	XXXX	DAILY AV	XXXX	P=0/F=1	X	ONCE/MO	COMP=24
HLF P/F STATRE 7 DAY CHR CERIODAPHNIA TFP 3 B 1 0 0 EFFLUENT GROSS VALUE	sample measurement	XXXX	XXXX	XXXX	XXXX	0	XXXX	0	X	ONCE/MO	COMP=24
	permit requirement	XXXX	XXXX	XXXX	XXXX	DAILY AV	XXXX	P=0/F=1	X	ONCE/MO	COMP=24
HLF P/F STATRE 7 DAY CHR PIMEPHALES TFP 6 C 1 0 0 EFFLUENT GROSS VALUE	sample measurement	XXXX	XXXX	XXXX	XXXX	0	XXXX	0	X	ONCE/MO	COMP=24
	permit requirement	XXXX	XXXX	XXXX	XXXX	DAILY AV	XXXX	P=0/F=1	X	ONCE/MO	COMP=24

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SFC PASSED ALL REQUIRED BIOMONITORING TESTS.

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