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Permit

Permit ID: CO0047562 **Major:** 

Permittee: Energy Fuels Resources Corp **Permittee Address:** 44 Union Blvd Ste 600
Lakewood , CO80228

Facility: WHIRLWIND PROJECT **Facility Location:** 31525 HWY 90
NUCLA , CO81424

Permitted Feature: 001 - External Outfall **Discharge:** 001-A - POST TRMNT DISCH TO LUMSDEN CR

Report Dates & Status

Monitoring Period: From 04/01/12 to 04/30/12 **DMR Due Date:** 05/28/12

Status: NetDMR Validated

Considerations for Form Completion

QUARTERLY SAMPLING & REPORTING INSTRUCTIONS - SEE I.C.9, PAGE 9. OILAND GREASE - SEE I.C.15.

Principal Executive Officer

First Name: Stephen **Last Name:** Antony
Title: President,CEO **Telephone:** 303-974-2140

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00400	pH	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				>=6.5 MINIMUM		<=9 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
NODI: -		NODI				C - No Discharge		C - No Discharge				
00530	Solids, total suspended	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=20 30DA AVG	<=30 MX 7D AV	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
00981	Selenium, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=20 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01002	Arsenic, total (as As)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=100 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
NODI: -		NODI					C - No Discharge	C - No Discharge				
01094	Zinc, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=500 30DA AVG	<=1000 DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01113	Cadmium, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=10 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
03582	Oil and grease	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=10 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
NODI: -		NODI						C - No Discharge				
09503	Radium 226, dissolved	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=3 30DA AVG		17 - pCi/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge					
11123	Manganese, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=200 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
11503	Radium 226 + radium 228, total	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=5 DAILY MX	17 - pCi/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI						C - No Discharge				
22706	Uranium, total as U308	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=700 30DA AVG	<=1100 DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	Smpl.										
1 - Effluent Gross												
Season: 0		Req.	<=.03 30DA AVG	Req Mon DAILY MX	03 - MGD						99/99 - Continuous	RC - RCORDR
NODI: -		NODI	C - No Discharge	C - No Discharge								
81017	Chemical Oxygen Demand (COD)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=100 30DA AVG	<=200 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
84066	Oil and grease visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		Req Mon INST MAX	9P - Y=1;N=0						01/07 - Weekly	VI - VISUAL
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments**Attachments**

No attachments.

Report Last Saved By**Energy Fuels Resources Corp**

User: r.ellis@energyfuels.com
Name: Ryan Ellis
E-Mail: r.ellis@energyfuels.com
Date/Time: 2012-05-18 08:50 (Time Zone: -06:00)

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DMR Copy of Record

Permit

Permit ID: CO0047562 **Major:** ☐

Permittee: Energy Fuels Resources Corp **Permittee Address:** 44 Union Blvd Ste 600
Lakewood , CO80228

Facility: WHIRLWIND PROJECT **Facility Location:** 31525 HWY 90
NUCLA , CO81424

Permitted Feature: MON - External Outfall **Discharge:** MON-1 - POST TRMNT DSCHG TO LUMSDEN CR

Report Dates & Status

Monitoring Period: From 04/01/12 to 04/30/12 **DMR Due Date:** 05/28/12

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Stephen **Last Name:** Antony

Title: President,CEO **Telephone:** 303-974-2140

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00718	Cyanide, weak acid, dissociable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01012	Beryllium, total (as Be)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01022	Boron, total (as B)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01074	Nickel, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	CP - COMPOS

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
NODI: -		NODI					C - No Discharge	C - No Discharge				
01114	Lead, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01128	Vanadium, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
04262	Chromium, trivalent total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					Req Mon 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/30 - Monthly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments**Attachments**

No attachments.

Report Last Saved By**Energy Fuels Resources Corp**

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Name: Ryan Ellis
E-Mail: r.ellis@energyfuels.com
Date/Time: 2012-05-18 08:53 (Time Zone:-06:00)

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DMR Copy of Record

Permit

Permit ID: CO0047562 **Major:** 

Permittee: Energy Fuels Resources Corp **Permittee Address:** 44 Union Blvd Ste 600
Lakewood , CO80228

Facility: WHIRLWIND PROJECT **Facility Location:** 31525 HWY 90
NUCLA , CO81424

Permitted Feature: 001 - External Outfall **Discharge:** 001-A - POST TRMNT DISCH TO LUMSDEN CR

Report Dates & Status

Monitoring Period: From 05/01/12 to 05/31/12 **DMR Due Date:** 06/28/12

Status: **NetDMR Validated**

Considerations for Form Completion

QUARTERLY SAMPLING & REPORTING INSTRUCTIONS - SEE I.C.9, PAGE 9. OILAND GREASE - SEE I.C.15.

Principal Executive Officer

First Name: Stephen **Last Name:** Antony
Title: President,CEO **Telephone:** 303-974-2140

No Data Indicator (NODI)

Form NODI: -

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
00400	pH	Smpl.										
1 - Effluent Gross												
Season: 0		Req.				>=6.5 MINIMUM		<=9 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
NODI: -		NODI				C - No Discharge		C - No Discharge				
00530	Solids, total suspended	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=20 30DA AVG	<=30 MX 7D AV	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
00981	Selenium, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=20 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01002	Arsenic, total (as As)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=100 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
NODI: -		NODI					C - No Discharge	C - No Discharge				
01094	Zinc, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=500 30DA AVG	<=1000 DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
01113	Cadmium, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=10 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
03582	Oil and grease	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=10 INST MAX	19 - mg/L		77/77 - Contingent	GR - GRAB
NODI: -		NODI						C - No Discharge				
09503	Radium 226, dissolved	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=3 30DA AVG		17 - pCi/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge					
11123	Manganese, total recoverable	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=200 30DA AVG	Req Mon DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
11503	Radium 226 + radium 228, total	Smpl.										
1 - Effluent Gross												
Season: 0		Req.						<=5 DAILY MX	17 - pCi/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI						C - No Discharge				
22706	Uranium, total as U308	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=700 30DA AVG	<=1100 DAILY MX	28 - ug/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				

Parameter		NODI	Quantity or Loading			Quality or Concentration				# of Ex.	Freq. of Analysis	Smpl. Type
Code	Name		Value 1	Value 2	Units	Value 1	Value 2	Value 3	Units			
50050	Flow, in conduit or thru treatment plant	Smpl.										
1 - Effluent Gross												
Season: 0		Req.	<=.03 30DA AVG	Req Mon DAILY MX	03 - MGD						99/99 - Continuous	RC - RCORDR
NODI: -		NODI	C - No Discharge	C - No Discharge								
81017	Chemical Oxygen Demand (COD)	Smpl.										
1 - Effluent Gross												
Season: 0		Req.					<=100 30DA AVG	<=200 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
NODI: -		NODI					C - No Discharge	C - No Discharge				
84066	Oil and grease visual	Smpl.										
1 - Effluent Gross												
Season: 0		Req.		Req Mon INST MAX	9P - Y=1;N=0						01/07 - Weekly	VI - VISUAL
NODI: -		NODI		C - No Discharge								

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments**Attachments**

No attachments.

Report Last Saved By**Energy Fuels Resources Corp**

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