CEO

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

- NAME: GreenBack Produced Water Recovery LLC ADDRESS: 1900 Grant St Ste 630
- Denver, CO 80202 FACILITY: GREENBACK SCHAEFFER RANCH
- LOCATION: 5.5 MILES SE OF TOWN

RIFLE, CO 00000

ATTN: Daniel Packard, CEO

Nan

Par

Lant

TYPED OR PRINTED

PARAMETER

COG840002 001-A PERMIT NUMBER **DISCHARGE NUMBER** MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 08/01/2014 08/31/2014

VALUE

QUALITY OR CONCENTRATION

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR

AUTHORIZED AGENT

VALUE

VALUE

QUANTITY OR LOADING

significant penalties for submitting false information, including the possibility of fine and imprisonment for

VALUE

UNITS

VALUE

Form Approved

OMB No. 2040-0004

81650

Received

DMR Mailing ZIP CODE:

NO.

EX

UNITS

MINOR
Discharge to Unnamed Tributary of West Mamm Creek 2814 External Outfall

> FREQUENCY OF ANALYSIS

No Discharge X

SAMPLE

TYPE

Temperature, water deg. centigrade	SAMPLE MEASUREMENT	****	*****	*****	*****					
00010 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	Req. Mon. MX 7D AV	Req. Mon. MAXIMUM	deg C	Continuous	RCORDF
Conductivity	SAMPLE MEASUREMENT	****	*****	*****	*****		*****			
0094 1 0 ffluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	1.5 30DA AVG	*****	dS/m	Monthly	GRAB
Н	SAMPLE MEASUREMENT	****	*****	*****		*****				
0400 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	6.5 MINIMUM	*****	9 MAXIMUM	SU	Monthly	GRAB
Bicarbonate ion- [as HCO3]	SAMPLE MEASUREMENT	****	****	*****	*****		*****			
00440 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	*****	Req. Mon. 30DA AVG	*****	mg/L	Monthly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	****	****	*****	*****					
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	*****	30 30DA AVG	45 DAILY MX	mg/L	Monthly	GRAB
Calcium, total recoverable	SAMPLE MEASUREMENT	****	*****	*****	****		*****			
00918 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	Req. Mon. 30DA AVG	****	mg/L	Monthly	GRAB
Agnesium, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****			×
00921 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	****	Req. Mon. 30DA AVG	*****	mg/L	Monthly	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER I certify under pe	enalty of law that this docur	nent and all attachments we	re prepared under my di	rection or				TELEPHONE	DATE

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

wing violations

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

9

MM/DD/YYYY

970-495-7780

NUMBER

DISCHARGE MONITORING REPORT (DMR)

Form Approvea OMB No. 2040-0004

81650

DMR Mailing ZIP CODE:

MINOR
Discharge to Unnamed Tributary of West Mamm Creel

External Outfall

No Discharge

PERMITTEE NAME/ADDRESS	(Include Facility	Name/Location if Different)
------------------------	-------------------	-----------------------------

- NAME: GreenBack Produced Water Recovery LLC
- ADDRESS: 1900 Grant St Ste 630 Denver, CO 80202

FACILITY: GREENBACK SCHAEFFER RANCH LOCATION: 5.5 MILES SE OF TOWN

- RIFLE, CO 00000
- ATTN: Daniel Packard, CEO

COG840002	001-A
PERMIT NUMBER	DISCHARGE NUMBER
MONITO	RING PERIOD
montho	TUTO T EIGOB
MM/DD/YYYY	MM/DD/YYYY

		QUANTITY OR LOADING			QUALITY OR CONCENTRATION					FREQUENCY	SAMPLE
PARAMETER	1997年1月1日	VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	OF ANALYSIS	TYPE
Sodium, total recoverable	SAMPLE MEASUREMENT	****	****	****	*****		*****				
00923 1 0 Effluent Gross	PERMIT	****	*****	****	*****	Req. Mon. 30DA AVG	*****	mg/L		Monthly	GRAB
Chloride [as Cl]	SAMPLE MEASUREMENT	*****	****	*****	*****						
00940 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	250 30DA AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Chloride [as Cl]	SAMPLE MEASUREMENT	****	*****	*****	****		*****				
00940 P 0 See Comments	PERMIT	****	****	*****	****	38 ROLL AVG	****	mg/L		Monthly	GRAB
Arsenic, total recoverable	SAMPLE MEASUREMENT	****	*****	*****	*****		*****				
00978 1 0 Effluent Gross	PERMIT	****	*****	*****	*****	100 30DA AVG	****	ug/L		Monthly	GRAB
Arsenic, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	****		*****				
00978 P 0 See Comments	PERMIT	****	*****	*****	*****	15 ROLL AVG	****	ug/L		Monthly	GRAB
Iron, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****				
00980 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	1000 30DA AVG	****	ug/L		Monthly	GRAB
ron, total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****		****				
00980 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	150 ROLL AVG	****	ug/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the	10	TELEPH	IONE	DATE
	system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	970 - 493 - AREA Code	-7780 NUMBER	9/1/14 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

X

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

COG840002

PERMIT NUMBER

MM/DD/YYYY

08/01/2014

UNITS

QUANTITY OR LOADING

VALUE

VALUE

DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

VALUE

001-A

DISCHARGE NUMBER

MM/DD/YYYY

08/31/2014

QUALITY OR CONCENTRATION

VALUE

VALUE

⊢orm Approvea

81650

OMB No. 2040-0004

DMR Mailing ZIP CODE:

Discharge to Unnamed Tributary of West Mamm Creel External Outfall 2814

FREQUENCY

OF ANALYSIS

No Discharge

Derymunn, total recoverable [as De]	MEASUREME	ΝΤ									
00998 1 0 Effluent Gross	PERMIT REQUIREME	****** NT	****	*****	*****	100 30DA AVG	Req. Mon. DAILY MX	ug/L		Monthly	GRAB
Beryllium, total recoverable [as Be]	SAMPLE MEASUREME	******	****	*****	*****		*****				
00998 P 0 See Comments	PERMIT REQUIREME	****** NT	*****	*****	*****	15 ROLL AVG	****	ug/L		Monthly	GRAB
Antimony, dissolved [as Sb]	SAMPLE MEASUREME	******	*****	*****	*****						
01095 1 0 Effluent Gross	PERMIT REQUIREME	****** NT	****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L		Monthly	GRAB
Aluminum, total recoverable	SAMPLE MEASUREME	******	*****	*****	*****						
01104 1 0 Effluent Gross	PERMIT	*****	****	*****	****	1438 30DA AVG	10071 DAILY MX	ug/L		Monthly	GRAB
Aluminum, total recoverable	SAMPLE MEASUREME	******	*****	*****	*****		****				
01104 P 0 See Comments	PERMIT REQUIREME	*****	*****	*****	*****	216 ROLL AVG	****	ug/L		Monthly	GRAB
Chromium, hexavalent dissolved [as Cr]	SAMPLE MEASUREME	NT ******	*****	*****	*****						
01220 1 0 Effluent Gross	PERMIT REQUIREME	*****	*****	*****	*****	11 30DA AVG	16 DAILY MX	ug/L		Monthly	GRAB
Chromium, hexavalent dissolved [as Cr]	SAMPLE MEASUREME	******	*****	*****	*****		****				
01220 P 0 See Comments	PERMIT REQUIREME	******	*****	*****	*****	1.7 ROLL AVG	****	ug/L		Monthly	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE	super	vision in accordance with a sys	document and all attachments v tem designed to assure that qua Based on my inquiry of the perso	alified personnel properly g	ather and	11			TELEP	HONE	DATE
Day Packard CEO	system to the signifi	m, or those persons directly res best of my knowledge and beli cant penalties for submitting fa	sponsible for gathering the inform ief, true, accurate, and complete lse information, including the po	nation, the information sub e. I am aware that there are	mitted is,	TURE OF PRINCIPAL		EROR	970-493	7730	9/1/14
TYPED OR PRINTED	know	ng violations.			0	AUTHORIZE	DAGENT	Ī	AREA Code	NUMBER	MM/DD/YYYY

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

RIFLE, CO 00000 ATTN: Daniel Packard, CEO

PARAMETER

Benyllium total recoverable [as Be]

ADDRESS: 1900 Grant St Ste 630 Denver, CO 80202

LOCATION: 5.5 MILES SE OF TOWN

FACILITY: GREENBACK SCHAEFFER RANCH

NAME:

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

GreenBack Produced Water Recovery LLC

SAMPLE

V

SAMPLE

TYPE

Received

89

MINOR

UNITS

NO

EX

DISCHARGE MONITORING REPORT (DMR)

Form Approvea OMB No. 2040-0004

81650

DMR Mailing ZIP CODE: MINOR

Discharge to Unnamed Tributary of West Mamm Creel External Outfall

No Discharge X

RIFLE, CO 00000 ATTN: Daniel Packard, CEO

ADDRESS: 1900 Grant St Ste 630 Denver, CO 80202

LOCATION: 5.5 MILES SE OF TOWN

FACILITY: GREENBACK SCHAEFFER RANCH

NAME:

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

GreenBack Produced Water Recovery LLC

COG840002 001-A PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 08/01/2014 08/31/2014

PARAMETER		QUAN	TITY OR LOADIN	NG	(QUALITY OR CONC	ENTRATION		NO.	FREQUENCY	SAMPLE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	OF ANALYSIS	TYPE
Zinc, potentially dissolved	SAMPLE MEASUREMENT	****	*****	*****	*****						
01303 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	317 30DA AVG	366 DAILY MX	ug/L		Monthly	GRAB
Zinc, potentially dissolved	SAMPLE MEASUREMENT	*****	****	*****	*****		****				
01303 P 0 See Comments	PERMIT REQUIREMENT	****	*****	****	*****	48 ROLL AVG	****	ug/L		Monthly	GRAB
Silver, potentially dissolved	SAMPLE MEASUREMENT	****	****	*****	*****						
01304 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	2.1 30DA AVG	13 DAILY MX	ug/L		Monthly	GRAB
Silver, potentially dissolved	SAMPLE MEASUREMENT	****	*****	****	*****		****				
01304 P 0 See Comments	PERMIT REQUIREMENT	****	****	*****	*****	.32 ROLL AVG	****	ug/L		Monthly	GRAB
Copper, potentially dissolved	SAMPLE MEASUREMENT	****	*****	*****	*****						
01306 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	****	****	23 30DA AVG	38 DAILY MX	ug/L		Monthly	GRAB
Copper, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****		****				
01306 P 0 See Comments	PERMIT REQUIREMENT	****	*****	****	*****	3.5 ROLL AVG	*****	ug/L		Monthly	GRAB
Arsenic, potentially dissolved	SAMPLE MEASUREMENT	****	*****	*****	*****	*****					
01309 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	****	340 DAILY MX	ug/L		Monthly	GRAB
NAME/TITLE PRINCIPAL EXECUT	supervision in a	ccordance with a system de	nent and all attachments we esigned to assure that qualifi	ed personnel properly ga	ther and	0.0			TEL	EPHONE	DATE
De Parked (E)	system, or those to the best of m	e persons directly responsit y knowledge and belief, true	on my inquiry of the person of ole for gathering the informat e, accurate, and complete. I prmation, including the possi	tion, the information subm am aware that there are	hitted is,	URE OF PRINCIPAL	EXECUTIVE OFFIC	EROR	910-4	93-7760	Velix

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

nowing violations.

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

AUTHORIZED AGENT

(E)

TYPÉD OR PRINTED

Kar

MM/DD/YYYY

NUMBER

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

GreenBack Produced Water Recovery LLC

NAME:

0131910

Effluent Gross

ADDRESS: 1900 Grant St Ste 630

LOCATION: 5.5 MILES SE OF TOWN

ATTN: Daniel Packard, CEO

PARAMETER

Denver, CO 80202

RIFLE, CO 00000

FACILITY: GREENBACK SCHAEFFER RANCH

	NATIONAL PULLUTANT	DISCHARGE ELIMINATION S	YSIEM (NPDES)
--	--------------------	-------------------------	---------------

COG840002

PERMIT NUMBER

MM/DD/YYYY

08/01/2014

UNITS

-

QUANTITY OR LOADING

VALUE

+++++

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that gualified personnel properly gather and

significant penalties for submitting false information, including the possibility of fine and imprisonment for

to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are

VALUE

.....

DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

VALUE

001-A

DISCHARGE NUMBER

MM/DD/YYYY

08/31/2014

QUALITY OR CONCENTRATION

VALUE

VALUE

2379

30DA AVG

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR

AUTHORIZED AGENT

Form Approvea

81650

Received

89

2814

DMR Mailing ZIP CODE: MINOR

NO.

EX

UNITS

ug/L

4305

DAILY MX

Discharge to Unnamed Tributary of West Mamm Creel External Outfall

FREQUENCY

OF ANALYSIS

No Discharge X

SAMPLE

TYPE

Arsenic, potentially dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****			
01309 P 0 See Comments	PERMIT REQUIREMENT	****	*****	****	****	51 ROLL AVG	*****	ug/L	Monthly	GRAB
Barium, potentially dissolvd	SAMPLE MEASUREMENT	****	****	****	*****					
01311 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	ug/L	Monthly	GRAB
Cadmium, potentially dissolvd	SAMPLE MEASUREMENT	****	*****	****	****					
01313 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	.97 30DA AVG	9.1 DAILY MX	ug/L	Monthly	GRAB
Cadmium, potentially dissolvd	SAMPLE MEASUREMENT	****	*****	****	****		*****			7
01313 P 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	*****	.15 ROLL AVG	*****	ug/L	Monthly	GRAB
Lead, potentially dissolvd	SAMPLE MEASUREMENT	****	*****	****	****					
01318 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	8.1 30DA AVG	209 DAILY MX	ug/L	Monthly	GRAB
Lead, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	****	****		*****			
01318 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	****	****	1.2 ROLL AVG	*****	ug/L	Monthly	GRAB
Manganese, potentially dissolvd	SAMPLE	*****	*****	*****	*****					

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MEASUREMENT

PERMIT

REQUIREMENT

nowing violations

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

Monthly

NUMBER

TELEPHONE

970-493-770

AREA Code

GRAB

DATE

91/14

MM/DD/YYYY

OMB No. 2040-0004

(Fo

Packad

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

GreenBack Produced Water Recovery LLC

NAME:

ADDRESS: 1900 Grant St Ste 630

LOCATION: 5.5 MILES SE OF TOWN

ATTN: Daniel Packard, CEO

Denver, CO 80202

RIFLE, CO 00000

FACILITY: GREENBACK SCHAEFFER RANCH

EPA Form 3320-1 (Rev.01/06) Previous editions may be used.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

COG840002

PERMIT NUMBER

MM/DD/YYYY

08/01/2014

QUANTITY OR LOADING

DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

001-A

DISCHARGE NUMBER

MM/DD/YYYY

08/31/2014

QUALITY OR CONCENTRATION

AUTHORIZED AGENT

Form Approvea OMB No. 2040-0004

81650

Received

89

DMR Mailing ZIP CODE: MINOR

Discharge to Unnamed Tributary of West Mamm Creel 2814 External Outfall

No Discharge V

NO. FREQUENCY SAMPLE

PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	OF ANALYSIS	TYPE
Manganese, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	****	****		*****				
01319 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	*****	*****	357 ROLL AVG	*****	ug/L		Monthly	GRAB
Nickel, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01322 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	132 30DA AVG	1186 DAILY MX	ug/L		Monthly	GRAB
Nickel, potentially dissolvd	SAMPLE MEASUREMENT	****	*****	*****	*****		****				
01322 P 0 See Comments	PERMIT REQUIREMENT	****	****	****	****	20 ROLL AVG	*****	ug/L		Monthly	GRAB
Selenium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****						
01323 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	****	****	4.6 30DA AVG	18.4 DAILY MX	ug/L		Monthly	GRAB
Selenium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****		****				
01323 P 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	*****	.69 ROLL AVG	*****	ug/L		Monthly	GRAB
Thallium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****				
01324 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	15 30DA AVG	*****	ug/L		Monthly	GRAB
Thallium, potentially dissolvd	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****				
01324 P 0 See Comments	PERMIT REQUIREMENT	*****	*****	****	****	2.3 ROLL AVG	*****	ug/L		Monthly	GRAB
NAME/TITLE PRINCIPAL EXECUTIV	supervision in	r penalty of law that this docu n accordance with a system d information submitted. Based	esigned to assure that qualif	ied personnel properly ga	ther and				TEL	LEPHONE	DATE
Des Packard (Fr	system, or the to the best of	movination submitted. Dased ose persons directly responsi my knowledge and belief, tru nalties for submitting false inf	ble for gathering the informate, accurate, and complete. I	tion, the information subm am aware that there are	nitted is,	TURE OF PRINCIPAL	EXECUTIVE OFFIC	EROR	778.4	93-1760	81114

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

owing violations.

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.



MM/DD/YYYY

NUMBER

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

- NAME: GreenBack Produced Water Recovery LLC
- ADDRESS: 1900 Grant St Ste 630 Denver, CO 80202
- FACILITY: GREENBACK SCHAEFFER RANCH LOCATION: 5.5 MILES SE OF TOWN
 - **RIFLE, CO 00000**
- ATTN: Daniel Packard, CEO

COG840002 001-A PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 08/01/2014 08/31/2014

Form Approvea
OMB No. 2040-0004

81650

Received

89

2814

DMR Mailing ZIP CODE: MINOR

Discharge to Unnamed Tributary of West Mamm Creel External Outfall

No Discharge

		QUANTITY OR LOADING			QUALITY OR CONCENTRATION					FREQUENCY	SAMPLE
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	EX	OF ANALYSIS	TYPE
Uranium, potentially dissolvd	SAMPLE MEASUREMENT	****	****	****	*****						
01326 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	*****	5036 30DA AVG	8062 DAILY MX	ug/L		Monthly	GRAB
Jranium, potentially dissolvd	SAMPLE MEASUREMENT	****	*****	*****	*****		*****				
01326 P 0 See Comments	PERMIT REQUIREMENT	****	****	*****	*****	755 ROLL AVG	****	ug/L		Monthly	GRAB
Oil and grease	SAMPLE MEASUREMENT	****	*****	*****	*****	*****					
03582 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	****	*****	10 INST MAX	mg/L		Contingent	GRAB
Chromium, trivalent total recoverable	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****					
04262 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	*****	****	50 DAILY MX	ug/L		Monthly	GRAB
Chromium, trivalent total recoverable	SAMPLE MEASUREMENT	*****	****	*****	*****		****				
04262 P 0 See Comments	PERMIT REQUIREMENT	****	*****	*****	****	7.5 ROLL AVG	****	ug/L		Monthly	GRAB
Toluene	SAMPLE MEASUREMENT	*****	*****	****	*****	*****					
34010 1 0 Effluent Gross	PERMIT REQUIREMENT	****	*****	*****	****	*****	17500 DAILY MX	ug/L		Monthly	GRAB
Toluene	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****				
34010 P 0 See Comments	PERMIT REQUIREMENT	****	****	*****	****	2625 ROLL AVG	*****	ug/L		Monthly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the	11	TELEP	HONE	DATE
Don Packard (La TYPED OR PRINTED	system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	910-493 AREA Code	NUMBER	9/1/1-4 MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

Eo

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

nowing violations.

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

- NAME: GreenBack Produced Water Recovery LLC
- ADDRESS: 1900 Grant St Ste 630 Denver, CO 80202
- FACILITY: GREENBACK SCHAEFFER RANCH LOCATION: 5.5 MILES SE OF TOWN
 - RIFLE, CO 00000
- ATTN: Daniel Packard, CEO

PARAMETER

COG840002 001-A PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 08/01/2014 08/31/2014

VALUE

QUALITY OR CONCENTRATION

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR

AUTHORIZED AGENT

VALUE

VALUE

QUANTITY OR LOADING

certify under penalty of law that this document and all attachments were prepared under my direction or

supervision in accordance with a system designed to assure that gualified personnel properly gather and valuate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are

significant penalties for submitting false information, including the possibility of fine and imprisonment for

VALUE

UNITS

VALUE

For	m Ap	provea
OM	B No.	2040-0004

81650

Received

89

DMR Mailing ZIP CODE: MINOR

NO.

EX

UNITS

Discharge to Unnamed Tributary of West Mamm Creel External Outfall 2814

FREQUENCY

OF ANALYSIS

No Discharge X

SAMPLE

TYPE

	and the second	TALUL	TALOL		TALOL					
Benzene	SAMPLE MEASUREMENT	*****	*****	****	*****	*****				
34030 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	****	****	*****	5300 DAILY MX	ug/L	Monthly	GRAB
Benzene	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****			
34030 P 0 See Comments	PERMIT REQUIREMENT	*****	****	****	****	795 ROLL AVG	****	ug/L	Monthly	GRAB
Ethylbenzene	SAMPLE MEASUREMENT	****	*****	*****	*****	****				
37371 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	*****	****	*****	32000 DAILY MX	ug/L	Monthly	GRAB
Ethylbenzene	SAMPLE MEASUREMENT	****	*****	*****	*****		****			
37371 P 0 See Comments	PERMIT REQUIREMENT	*****	****	*****	****	4800 ROLL AVG	*****	ug/L	Monthly	GRAB
Flow, in conduit or thru treatment pla	ht SAMPLE MEASUREMENT				*****	****	****	*****		
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	.3 30DA AVG	Req. Mon. DAILY MX	MGD	*****	****	****	*****	Continuous	RCORDR
Sodium Absorption Ratio	SAMPLE MEASUREMENT	****	*****	*****	*****		****			
51613 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	****	*****	Req. Mon. 30DA AVG	*****	Ratio	Monthly	CALCTD
Sodium Absorption Ratio	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****			
51613 EG 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	*****	****	Req. Mon. 30DA AVG	****	Ratio	Monthly	CALCTD

DATE

MM/DD/YYYY

9/1/14

TELEPHONE

NUMBER

970-491 7760

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

- NAME: GreenBack Produced Water Recovery LLC ADDRESS: 1900 Grant St Ste 630
- Denver, CO 80202 FACILITY: GREENBACK SCHAEFFER RANCH
- LOCATION: 5.5 MILES SE OF TOWN

RIFLE, CO 00000

ATTN: Daniel Packard, CEO

COG840002 001-A PERMIT NUMBER DISCHARGE NUMBER MONITORING PERIOD MM/DD/YYYY MM/DD/YYYY 08/01/2014 08/31/2014

Form	App	roved
OMB	No.	2040-0004

81650

X

Received

89

DMR Mailing ZIP CODE: MINOR

Discharge to Unnamed Tributary of West Mamm Creel 2814 External Outfall

No Discharge

		QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO.	FREQUENCY	SAMPLE	
PARAMETER		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	† EX	OF ANALYSIS	TYPE
Sodium Absorption Ratio	SAMPLE MEASUREMENT		****		****	****	****	*****			
51613 P 0 See Comments	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	*****	pass=0/fail=1	*****	*****	****	*****		Monthly	CALCTD
Solids, total dissolved	SAMPLE MEASUREMENT	*****	*****	*****	*****						
70295 1 0 Effluent Gross	PERMIT REQUIREMENT	****	****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Monthly	GRAB
Mercury, total [as Hg]	SAMPLE MEASUREMENT	*****	*****	*****	*****		*****				
71900 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	.01 30DA AVG	****	ug/L		Monthly	GRAB
Mercury, total [as Hg]	SAMPLE MEASUREMENT	****	*****	*****	*****		*****				
71900 P 0 See Comments	PERMIT REQUIREMENT	*****	****	****	*****	.0015 ROLL AVG	*****	ug/L		Monthly	GRAB
Xylene [mix of m+o+p]	SAMPLE MEASUREMENT	****	*****	*****	*****	*****					
81551 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	****	****	*****	*****	Req. Mon. DAILY MX	ug/L		Monthly	GRAB
Oil and grease visual	SAMPLE MEASUREMENT	****			****	*****	*****	*****			
84066 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	Req. Mon. INST MAX	Y=1;N=0	****	*****	*****	*****		Monthly	VISUAL

	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and revaluate the information submitted. Based on my inquiry of the person or persons who manage the		TELEPHONE		DATE
Das Packad CES	system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	910-493	7750	9/1/14
TYPED OR PRINTED	THINTING TOTALOTIO.	2 AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Oil and grease - see D.24, pg 14. Antidegradation limits - see D.2, pg 11. SAR - report calculated limit @ MLOC=EG; adjusted SAR @ MLOC=1; SAR pass/fail @ MLOC=P. SAR calculated limit is capped at 8.17.



RECEIVED

SEP 0 8 2014

ENVIRONMENTAL SERVICES

WATER QUALITY CONTROL DIVISION

September 1, 2014

Tania Watson Colorado Department of Public Health and Environment Water Quality Control DivisionWQCD-P-B2 4300 Cherry Creek Drive South Denver Colorado 80246-1530

Subject Periodic Compliance Report GreenBack Schaeffer Ranch Facility Certification No. COG840002 CGRS Project Number 11727

August, 2014 DMR

Dear Ms. Watson:

Enclosed please find the August, 2014 Discharge Monitoring Report (DMR) for the GreenBack Schaeffer Ranch Facility, Certification No. COG840002. CGRS is the contract operator of the Schaeffer Ranch Facility under the direction of GreenBack Produced Water Recovery, LLC.

There was no discharge from the facility in August of 2014. The facility has not accepted water since December 5, 2013 and has not discharged since December 3, 2013. At this point, it is not clear when the facility will be restarted and discharge will recommence.

"I certify under penalty of law this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based upon my inquiry of the person or persons who manage the system or those persons directly responsible for gathering, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations."

If you have any questions regarding the periodic compliance report or need further information, please give me a call at 970-493-7780.

Sincerely, CGRS, Inc.

Douglass H. Brown Senior Process Engineer

Dated 9/1/14