

STATE OF COLORADO



COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT
WATER QUALITY CONTROL DIVISION
TELEPHONE: (303) 692-3500

**CERTIFICATION TO DISCHARGE
 UNDER
 CDPS GENERAL PERMIT COG840000
 DISCHARGES ASSOCIATED WITH PRODUCED WATER TREATMENT FACILITIES**

Certification Number: **COG840002**

This Certification to Discharge specifically authorizes:

GreenBack Produced Water Recovery, LLC
 to discharge from the facility identified as

GreenBack Schaeffer Ranch
Latitude 39 27"59.11 Longitude 107 42" 52.84"
 to:

Unnamed tributary of West Mamm Creek

Facility Located at: 5.5 Miles southeast of Rifle , Garfield County, Colorado

Outfall 001 Location	Latitude 39 27' 59.11", Longitude 107 42" 52.84"
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Permit Limitations and Monitoring Requirements apply consistent with General Permit Part I.B and Part I.C

Parameter	Coding Info*	Discharge Limitations Maximum Concentrations				Monitoring Frequency	Sample Type
		30-Day Average	7-Day Average	Daily Max.	2-Year Average		
Applicable to all Discharges							
GENERAL PARAMETERS OF CONCERN							
Flow, MGD	50050	0.065	NA	0.065	---	Weekly	Instantaneous or Continuous
Temperature, degrees C	00010	NA	Report	Report (2hr Max)	---	Continuous	Recorder
Total Suspended Solids, mg/l	00530	30	45	NA	---	Monthly	Grab
Total Dissolved Solids, mg/l	70295	NA	3,500	NA	---	Monthly	Grab
pH, s.u. (Minimum-Maximum)	00400	NA	NA	6.5-9.0	---	Monthly	Garb
Chlorides, mg/l	00940	250	NA	Report	38	Monthly	Grab
Sulfates, mg/l	81020	250	NA	Report	38	Monthly	Grab
ORGANIC PARAMETERS OF CONCERN							
Oil and Grease, mg/l	03582	Report	NA	10	---	Monthly	Grab
Benzene, ug/l	34030	Report	NA	5,300	---	Monthly	Grab
Toluene, ug/l	34010	Report	NA	17,500	---	Monthly	Grab
Ethylbenzene, ug/l	37371	Report	NA	32,000	---	Monthly	Grab
Xylenes (Total), ug/l	81551	Report	NA	Report	---	Monthly	Grab
Volatile and Semi-Volatile Organic Compounds, ug/l	51577	Report	NA	Report	----	Quarterly	Grab
METAL PARAMETERS OF CONCERN Potentially Dissolved unless noted otherwise)							
Aluminum, Total Recoverable	01104	87	NA	750	13	Quarterly	Grab
Antimony	01095	Report	NA	Report	---	Quarterly	Grab
Arsenic	01209	150	NA	340	23	Quarterly	Grab
Barium	01311	Report	NA	Report	---	Quarterly	Grab
Beryllium	01312	100	NA	Report	15	Quarterly	Grab
Cadmium	01313	1.2	NA	9.1	0.2	Quarterly	Grab
Chromium, Trivalent	04262	231	NA	1,773	35	Quarterly	Grab
Chromium, Hexvalent	01220	11	NA	16	1.7	Quarterly	Grab
Copper	01040	29	NA	50	4.4	Quarterly	Grab
Iron, Total Recoverable	00980	1,000	NA	Report	150	Quarterly	Grab
Iron, Dissolved	01046	Report	NA	Report	----	Quarterly	Grab
Lead	01049	11	NA	281	0.2	Quarterly	Grab

Manganese	01056	2,618	NA	4,738	393	Quarterly	Grab
Mercury, Total	71900	NA	NA	1.4	---	Quarterly	Grab
Nickel	01065	168	NA	1,513	25	Quarterly	Grab
Selenium	01145	4.6	NA	18.4	0.7	Quarterly	Grab
Silver	01075	3.5	NA	22	0.53	Quarterly	Grab
Thallium	01057	15	NA	NA	2.5	Quarterly	Grab
Uranium	22703	6,915	NA	11,070	1,037	Quarterly	Grab
Zinc	01090	405	NA	464	61	Quarterly	Grab
RADIONUCLIDE PARAMETERS OF CONCERN							
Radium 2226+228, pCi/l	[11503 1 0]	Report	NA	Report		Quarterly	Grab
TOXICITY MEASURES							
WET- Chronic	Pimephales Lethality Ceriodaphnia Lethality	TCP6C	NA	NA	Stat Diff & IC25> IWC	Quarterly	Grab
	Pimephales Toxicity Ceriodaphnia Toxicity	TCP3B	NA	NA	Report Stat Diff & IC25	Quarterly	Grab

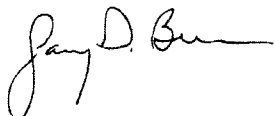
*Note: Coding Info corrected April 13, 2011

Certification is issued and effective April 1, 2011

Certification Expires: August 31, 2014

This certification under the permit requires that specific actions be performed at designated times. The certification holder is legally obligated to comply with all terms and conditions of the permit.

Signed,



Gary Beers
Unit Manager
Water Quality Control Division