

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: **COG840015 Minor Modification 1**

This Certification to Discharge specifically authorizes:

WPX Energy Rocky Mountain LLC

to discharge from the facility identified as

**Parachute Treatment Facility
Latitude 39.472975° N Longitude -108.064998° W
to:**

Hayes Gulch (Allenwater Creek) in the Lower Colorado River Basin

Facility Located at: NW ¼, NW ¼, Section 1, T7S, R96W, Garfield County, North of Parachute, CO
Near County Road 215 and I-70 Frontage Road

Outfall 001A	Latitude 39.470583° , Longitude -108.058038° . After completion of all treatment and prior to being released to Hayes Gulch.
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Permit Limitations and Monitoring Requirements apply consistent with General Permit Part I.B and Part I.C

Parameter	ICIS Code	Discharge Limitations Maximum Concentrations				Monitoring Frequency	Sample Type
		30-Day Average	7-Day Average	Daily Max.	2-Year Average*		
Flow, MGD	50050	0.42	NA	Report	NA	Continuous	Recorder
Total Suspended Solids, mg/l	00530	30	45	NA	NA	2 days/month	Composite
Total Dissolved Solids, mg/l	70295	Report	NA	Report	NA	Quarterly	Composite
pH, s.u. (Minimum-Maximum)	00400	NA	NA	6.5-9.0	NA	2 days/month	Grab
Oil and Grease, mg/l	03582	NA	NA	35	NA	2 days/month	Composite
BOD ₅ , Effluent, mg/l	00310	30	45	NA	NA	2 days/month	Composite
CN, WAD, µg/l	00718	NA	NA	5	0.75	2 days/month	Composite
Nitrite as N, mg/l	00615	NA	NA	0.05	0.0075	2 days/month	Composite
Nitrate as N, mg/l	00620	NA	NA	10	1.5	2 days/month	Composite
Boron, mg/l	82057	0.75	NA	NA	0.11	2 days/month	Composite
Chloride, mg/l	00940	250	NA	Report	38	2 days/month	Composite
Sulfate, mg/l	81020	250	NA	NA	37.5	2 days/month	Composite
Benzene, µg/l	34030	2.2	NA	5300	0.33	2 days/month	Grab
Toluene, µg/l	34010	510	NA	17,500	76.5	2 days/month	Grab
Ethylbenzene, µg/l	37371	530	NA	32,000	79.5	2 days/month	Grab
Xylenes (Total), µg/l	81551	10000	NA	Report	1500	2 days/month	Grab
1,2 Dichloroethane, µg/l	32103	0.38	NA	118,000	0.057	2 days/month	Grab
2, 4 Dimethylphenol, µg/l	34606	140	NA	2120	21	2 days/month	Grab
Bis(2-ethylhexyl)phthalate, µg/l	39100	1.2	NA	Report	0.18	2 days/month	Grab
Naphthalene, µg/l	34445	140	NA	2300	21	2 days/month	Grab
Phenol, µg/l	34694	2100	NA	10,200	315	2 days/month	Grab
Aluminum, Total Recoverable, µg/l	01104	1438	NA	10071	216	2 days/month	Composite
Antimony, Dissolved, µg/l	01095	Report	NA	Report	NA	2 days/month	Composite
Arsenic, Total Recoverable, µg/l	00978	3	NA	NA	NA	2 days/month	Composite
Beryllium, Total Recoverable, µg/l	00998	100	NA	Report	15	2 days/month	Composite
Cadmium, Potentially Dissolved, µg/l	01313	0.8	NA	5.7	0.12	2 days/month	Composite
Trivalent Chromium, Total Recoverable, µg/l	04262	NA	NA	50	7.5	2 days/month	Composite

Hexavalent Chromium, Dissolved, µg/l	01220	11	NA	16	1.7	2 days/month	Composite
Copper, Potentially Dissolved, µg/l	01306	18	NA	30	2.7	2 days/month	Composite
Iron, Dissolved, µg/l	01046	300	NA	NA	45	2 days/month	Composite
Lead, Potentially Dissolved, µg/l	01318	6.2	NA	159	0.93	2 days/month	Composite
Manganese, Potentially Dissolved, µg/l	01319	50	NA	3946	7.5	2 days/month	Composite
Mercury, Total, µg/l	71900	0.01	NA	NA	0.0015	2 days/month	Composite
Nickel, Potentially Dissolved, µg/l	01322	106	NA	951	15.9	2 days/month	Composite
Selenium, Potentially Dissolved, µg/l	01323	4.6	NA	18.4	0.69	2 days/month	Composite
Silver, Potentially Dissolved, µg/l	01304	1.4	NA	8.6	0.21	2 days/month	Composite
Zinc, Potentially Dissolved, µg/l	01303	254	NA	293	38.1	2 days/month	Composite
Radium 226+228, Total pCi/l	11503	Report	NA	5	0.75	2 days/month	Grab
WET, Chronic							
Static Renewal 7 Day Chronic <i>Pimephales promelas</i>	TKP6C	NA	NA	NOEC or IC25 ≥ IWC	NA	Quarterly	3 Composites/test
Static Renewal 7 Day Chronic <i>Ceriodaphnia dubia</i>	TKP3B	NA	NA	NOEC or IC25 ≥ IWC	NA	Quarterly	3 Composites/test

*See the Definitions section of the general permit of 2 Year Rolling Average on how to calculate these limitations.

See the permit for definitions and more information regarding the terms and conditions associated with the above limitations. Note, monitoring frequencies are determined from the general permit and from the Division's Baseline Monitoring Frequency policy (WQP-20) when not directly referenced.

Issued: December 19, 2013

Effective: January 1, 2014

Expiration: 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,

Kenan Diker
Manager Permits Unit 2
Water Quality Control Division