



Colorado Department
of Public Health
and Environment

**CERTIFICATION TO DISCHARGE
UNDER
CDPS GENERAL PERMIT COG840000
DISCHARGES ASSOCIATED WITH
PRODUCED WATER TREATMENT FACILITIES**
Certification Number: COG840012

This Certification to Discharge specifically authorizes:

Altela Inc./Laramie Energy II, LLC
to discharge from the facility identified as

Altela Piceance WTF

to: tributaries to the Colorado River

Facility Located at:

NW ¼, SW ¼, S20, T6S, R93W, 6th PM
2101 County Road 321, Garfield County, Rifle, CO 81650

Outfall 1A Location	Latitude 39.515111, Longitude -107.8111083 to unnamed drainage to Colorado River
Outfall 2A Location	Latitude 39.506167, Longitude -107.805722 to Helmer Gulch, tributary to Colorado River

*All discharges must comply with the lawful requirements of federal agencies municipalities, counties, drainage districts an other local agencies regarding any discharges to storm drain systems, conveyances, or other water courses under their jurisdiction.

Permit Limitations and Monitoring Requirements apply as outlined in the Permit Part I.B and Part I.C

Outfall 001A and Outfall 002A

THE FOLLOWING LIMITATIONS ARE EFFECTIVE UNTIL 9/31/2016

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	0.011	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
Temperature, °C	00010	NA	Report (MWAT)	Report (2hr Max)	NA	Continuous	Recorder
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
Nitrite as N, mg/l	00615	NA	NA	Report	Report	2 days/month	Composite
Nitrate as N, mg/l	00620	NA	NA	Report	Report	2 days/month	Composite
Boron, mg/l	82057	Report	NA	NA	Report	2 days/month	Composite
Chloride, mg/l	00940	Report	NA	Report	Report	2 days/month	Composite
Benzene, µg/l	34030	5	NA	NA	0.75	2 days/month	Grab
Toluene, µg/l	34010	1000	NA	NA	150	2 days/month	Grab
Ethylbenzene, µg/l	37371	Report	NA	NA	Report	2 days/month	Grab
Xylenes (Total), µg/l	81551	10000	NA	NA	1500	2 days/month	Grab
1,2 Dichloroethane, µg/l	32103	Report	NA	NA	Report	2 days/month	Grab
2, 4 Dimethylphenol, µg/l	34606	140	NA	NA	21	2 days/month	Grab
Bis(2- ethylhexyl) phtalate, µg/l	39100	6	NA	NA	0.9	2 days/month	Grab
Naphthalene, µg/l	34445	140	NA	NA	21	2 days/month	Grab
Phenol, µg/l	34694	2100	NA	NA	315	2 days/month	Grab
Alumnium, Total Recoverable, µg/l	01104	Report	NA	Report	Report	2 days/month	Composite
Arsenic, Total Recoverable, µg/l	00978	Report	NA	NA	Report	2 days/month	Composite
Beryllium, Total Recoverable, µg/l	00998	Report	NA	Report	Report	2 days/month	Composite
Cadmium, Potentially Dissolved, µg/l	01313	Report	NA	Report	Report	2 days/month	Composite
Trivalent Chromium, Total Recoverable, µg/l	04262	NA	NA	Report	Report	2 days/month	Composite
Hexavalent Chromium, Dissolved, µg/l	01220	Report	NA	Report	Report	2 days/month	Composite
Copper, Potentially Dissolved, µg/l	01306	Report	NA	Report	Report	2 days/month	Composite
Iron, Total Recoverable, µg/l	00980	Report	NA	NA	Report	2 days/month	Composite
Lead, Potentially Dissolved, µg/l	01318	Report	NA	Report	Report	2 days/month	Composite

Manganese, Potentially Dissolved, µg/l	01319	Report	NA	Report	Report	2 days/month	Composite
Mercury, Total, µg/l	71900	Report	NA	NA	Report	2 days/month	Composite
Nickel, Potentially Dissolved, µg/l	01322	Report	NA	Report	Report	2 days/month	Composite
Selenium, Potentially Dissolved, µg/l	01323	Report	NA	Report	Report	2 days/month	Composite
Silver, Potentially Dissolved, µg/l	01304	Report	NA	Report	Report	2 days/month	Composite
Zinc, Potentially Dissolved, µg/l	01303	Report	NA	Report	Report	2 days/month	Composite
Radium 226+228, Total pCi/l	11503	Report	NA	Report	Report	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.

THE FOLLOWING LIMITATIONS ARE EFFECTIVE BEGINNING 10/1/2016

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	0.011	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
Temperature, °C	00010	NA	Report (MWAT)	Report (2hr Max)	NA	Continuous	Recorder
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
Nitrite as N, mg/l	00615	NA	NA	0.05	0.0075	2 days/month	Composite
Nitrate as N, mg/l	00620	NA	NA	100	15	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
Benzene, µg/l	34030	5	NA	NA	0.75	2 days/month	Grab
Toluene, µg/l	34010	1000	NA	NA	150	2 days/month	Grab
Ethylbenzene, µg/l	37371	700	NA	NA	105	2 days/month	Grab
Xylenes (Total), µg/l	81551	10000	NA	NA	1500	2 days/month	Grab
1,2 Dichloroethane, µg/l	32103	5	NA	NA	0.75	2 days/month	Grab
2, 4 Dimethylphenol, µg/l	34606	140	NA	NA	21	2 days/month	Grab
Bis-2 ethylhexyl phthalate	39100	6	NA	NA	0.9	2 days/month	Grab
Naphthalene, µg/l	34445	140	NA	NA	21	2 days/month	Grab
Phenol, µg/l	34694	2100	NA	NA	315	2 days/month	Grab
Aluminum, Total Recoverable, µg/l	01104	1438	NA	10071	216	2 days/month	Composite
Arsenic, Total Recoverable, µg/l	00978	10	NA	NA	1.5	2 days/month	Composite
Beryllium, Total Recoverable, µg/l	00998	100	NA	Report	15	2 days/month	Composite
Cadmium, Potentially Dissolved, µg/l	01313	0.99	NA	7.3	0.15	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	24	NA	39	3.6	2 days/month	Composite
Iron, Total Recoverable, µg/l	00980	1000	NA	NA	150	2 days/month	Composite
Lead, Potentially Dissolved, µg/l	01318	8.4	NA	216	1.3	2 days/month	Composite
Manganese, Potentially Dissolved, µg/l	01319	2405	NA	4352	361	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	135	NA	1219	20	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	2.2	NA	14	0.33	2 days/month	Composite
Zinc, Potentially Dissolved, µg/l	01303	326	NA	376	49	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
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*See the Definitions section of the general permit of 2 Year Rolling Average on how to calculate these limitations.

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Compliance Schedule

Activities to Meet Final Limits – In order to meet the final limitations, the following schedule is included.

Code	Event	Description	Due Date
43699	Facility Evaluation Plan	Submit a report summarizing the first year of data collected and whether the limitations to be effective 10/1/16 can be met. Include an amendment request to remove parameters that are well below the detection limits or significantly below the permit limits as necessary.	1/1/15
00899	Implementation Schedule	Submit a report documenting the options available to meet the final permit limits, including the chosen option and a schedule of activities to be implemented under this option.	8/31/15
00899	Implementation Schedule	Submit a progress report regarding steps taken to date to meet the final effluent limitations.	1/31/16
CS017	Achieve Final Compliance with Emissions or Discharge Limits	Submit study results that show compliance has been attained with the final limitations.	8/31/16

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