



Colorado Department
of Public Health
and Environment

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

MODIFICATION 2
Certification Number: **COG840005**

This Certification to Discharge specifically authorizes:

Diamond Operating Inc,
to discharge from the facility identified as
Ward Unit

to: an unnamed tributary to Antelope Creek

Facility Located at:

Latitude 39° 53' 28" N, Longitude 103° 23' 43" W, approximately 5.5 miles north of Lindon, CO, 80740 Washington County. In the SE ¼ of the SE ¼ of Section 3, T2S, R54W.

Outfall 001A

Latitude 39° 53' 28" N, Longitude 103° 23' 43" W, after treatment and prior to entering the unnamed drainage to Antelope Creek

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

Permit Limitations and Monitoring Requirements apply consistent with General Permit Part I.B and Part I.C

THE FOLLOWING LIMITATIONS ARE EFFECTIVE UNTIL 12/31/2015

Parameter	ICIS Code	Discharge Limitations Maximum Concentrations				Monitoring Frequency	Sample Type
		30-Day Average	7-Day Average	Daily Max.	2-Year Average		
Flow, GPM	50050	15	NA	Report	NA	Quarterly	Instantaneous
Total Suspended Solids, mg/l	00530	30	45	NA	NA	Quarterly	Grab
Total Dissolved Solids, mg/l	70295	3500	NA	Report	NA	Quarterly	Grab
pH, s.u. (Minimum-Maximum)	00400	NA	NA	6.5-9.0	NA	Quarterly	Garb
Oil and Grease, mg/l	03582	NA	NA	10	NA	Quarterly	Grab
Benzene, ug/l	34030	Report	NA	Report	NA	Quarterly	Grab
Toluene, ug/l	34010	Report	NA	Report	NA	Quarterly	Grab
Ethylbenzene, ug/l	37371	Report	NA	Report	NA	Quarterly	Grab
Xylenes (Total), ug/l	81551	Report	NA	Report	NA	Quarterly	Grab
Volatile and Semi-Volatile Organic Compounds, ug/l	51577	Report	NA	Report	NA	Quarterly	Grab
Arsenic, Total Recoverable, ug/l	00978	Report	NA	Report	NA	Quarterly	Grab
Arsenic, PD, ug/l	01309	Report	NA	Report	NA	Quarterly	Grab
Beryllium, Total Recoverable, ug/l	00998	Report	NA	Report	NA	Quarterly	Grab
Cadmium, Total Recoverable, ug/l	01113	Report	NA	Report	NA	Quarterly	Grab
Trivalent Chromium, Total Recoverable, ug/l	04262	Report	NA	Report	NA	Quarterly	Grab
Hexavalent Chromium, Total Recoverable, ug/l	78247	Report	NA	Report	NA	Quarterly	Grab
Copper, Total Recoverable, ug/l	01119	Report	NA	Report	NA	Quarterly	Grab
Lead, Total Recoverable, ug/l	01114	Report	NA	Report	NA	Quarterly	Grab
Nickel, Total Recoverable, ug/l	01074	Report	NA	Report	NA	Quarterly	Grab
Selenium, Total Recoverable, ug/l	00981	Report	NA	Report	NA	Quarterly	Grab
Zinc, Total Recoverable, ug/l	01094	Report	NA	Report	NA	Quarterly	Grab
Radium 226+228, Total pCi/l	11503	NA	NA	Report	NA	Quarterly	Grab

THE FOLLOWING LIMITATIONS ARE EFFECTIVE BEGINNING 1/1/2016

Parameter	ICIS Code	Discharge Limitations Maximum Concentrations				Monitoring Frequency	Sample Type
		30-Day Average			2-Year Average		
Flow, GPM	50050	5	NA	Report	NA	Quarterly	Continuous
Total Suspended Solids, mg/l	00530	30	45	NA	NA	Quarterly	Grab
Total Dissolved Solids, mg/l	70295	3500	NA	Report	NA	Quarterly	Grab
pH, s.u. (Minimum-Maximum)	00400	NA	NA	6.5-9.0	NA	Quarterly	Garb
Oil and Grease, mg/l	03582	NA	NA	10	NA	Quarterly	Grab
Benzene, ug/l	34030	NA	NA	5,300	NA	Quarterly	Grab
Toluene, ug/l	34010	NA	NA	17,500	NA	Quarterly	Grab
Ethylbenzene, ug/l	37371	NA	NA	32,000	NA	Quarterly	Grab
Xylenes (Total), ug/l	81551	NA	NA	Report	NA	Quarterly	Grab
Volatile and Semi-Volatile Organic Compounds, ug/l	51577	Report	NA	Report	NA	Quarterly	Grab
Arsenic, Total Recoverable, ug/l	00978	100	NA	NA	NA	Quarterly	Grab
Arsenic, PD, ug/l	01309	NA	NA	340	NA	Quarterly	Grab
Beryllium, Total Recoverable, ug/l	00998	100	NA	Report	NA	Quarterly	Grab
Cadmium, Total Recoverable, ug/l	01113	10	NA	Report	NA	Quarterly	Grab
Trivalent Chromium, Total Recoverable, ug/l	04262	100	NA	Report	NA	Quarterly	Grab
Hexavalent Chromium, Total Recoverable, ug/l	78247	100	NA	Report	NA	Quarterly	Grab
Copper, Total Recoverable, ug/l	01119	200	NA	Report	NA	Quarterly	Grab
Lead, Total Recoverable, ug/l	01114	100	NA	Report	NA	Quarterly	Grab
Nickel, Total Recoverable, ug/l	01074	200	NA	Report	NA	Quarterly	Grab
Selenium, Total Recoverable, ug/l	00981	20	NA	Report	NA	Quarterly	Grab
Zinc, Total Recoverable, ug/l	01094	2000	NA	Report	NA	Quarterly	Grab
Radium 226+228, Total pCi/l	11503	Report	NA	5	NA	Quarterly	Grab

See the permit for definitions and more information regarding the terms and conditions associated with the above limitations.

Compliance Schedule

Activities to Final Limits – In order to meet the final limitations, the following schedule will be included in the permit.

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 1/1/16 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.	3/1/13
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.	12/31/13
00899	Implementation Schedule	Submit a progress report regarding steps taken to date to meet the final effluent limitations.	12/31/14
CS017	Achieve Final Compliance with Emissions or Discharge Limits	Submit study results that show compliance has been attained with the final limitations.	12/31/15

Modification 2: Deleted the requirement for WET testing. Reduced the monitoring frequency for all other parameters to quarterly. Now requires only quarterly DMR submittals.

Modification 1: To correct the TDS limit in the second limitation table, effective 1/1/2016, from report to 3500 mg/l.

Certification is issued: 5/15/2012

Effective: 7/1/2012

Certification Expires: 08/31/2014

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,

A handwritten signature in black ink, appearing to read "Andrew Neuhart". The signature is fluid and cursive, with the first name "Andrew" and last name "Neuhart" clearly distinguishable.

Andrew Neuhart
Assessment Based Permits Unit Manager
Water Quality Control Division