



Colorado Department
of Public Health
and Environment

**CERTIFICATION TO DISCHARGE UNDER CDPS GENERAL PERMIT COG589000
MINOR DOMESTIC WASTEWATER TREATMENT FACILITIES THAT DISCHARGE
TO RECEIVING WATERS THAT ARE: UNCLASSIFIED; USE PROTECTED; REVIEWABLE; OR
ARE DESIGNATED THREATENED AND ENDANGERED SPECIES HABITAT**

Certification Number: **COG589069**

This Certification to Discharge specifically authorizes:

Town of Bennett
to discharge from the facility identified as
Bennett WWTF
to: **Unnamed Tributary to Lost Creek**

Facility Type: Lagoon System
Facility Address: 47300 County Road # 38, Bennett, 80102, Adams County
Facility Latitude/Longitude: 39.7014Latitude - 104.4195Longitude

Permitted Features:

Permitted Feature 001A External Outfall	39.765833 Latitude -104.429444 Longitude following the chlorination and prior to entering the Unnamed Tributary to Lost Creek
Permitted Feature 3001 Influent Structure	39.7014 Latitude -104.4195 Longitude at a representative location prior to chemical, physical, or biological treatment

The hydraulic and organic capacities, in this certification, are 0.4 MGD and 854 lbs BOD5/day, respectively. These values are based on Site Approval number 3697 for this WWTF.

Permit Limitations and Monitoring Requirements apply as outlined in the Permit Part I (B)(2) for Classified Waters with Limited Aquatic Life Standards

Lagoon Facilities With Design Flows Of Less Than Or Equal To 0.5 MGD

Permitted Feature ID: 001A
Permitted Feature Type: External Outfall for Lagoon WWTF < or = 0.5 MGD
Limit Set: 3

Lagoon Facilities with Design Flows Less Than or Equal to 0.5 MGD						
ICIS Code	Parameter	Limitation			Sampling	
		30-day Avg.	7-day Avg.	Daily Max	Frequency	Type
50050	Flow, MGD	0.4 ¹		Report	Continuous ³	Recorder ³
00310	BOD ₅ , mg/l ²	30 ²	45 ²		Monthly	Grab
81010	BOD ₅ , percent removal	85% (min)			Monthly	Calculated
00530	Total Suspended Solids, mg/l					
	<i>Aerated Lagoons</i>	75	110		Monthly	Grab
50060	Total Residual Chlorine, mg/l			0.5	Weekly	Grab
00610	Total Ammonia, mg/l as N	Report		Report	Quarterly	Grab
00400	pH, s.u.			6.0-9.0	Weekly	Grab
84066	Oil and Grease, mg/l			Report	Weekly	Visual
03582	Oil and Grease, mg/l			10	Contingent	Grab
51040	<i>E. coli</i> , no/100 ml	630	1260		Monthly	Grab

- The 30-day average effluent limitation for flow as identified in this certification, is based on the hydraulic capacity of the facility as outlined in the most recent site approval, and is enforceable under this permit.
- The % removal is based on the arithmetic mean of the BOD₅ and concentrations for effluent samples collected during the DMR reporting period, and shall demonstrate a minimum of eighty-five percent (85%) removal of both BOD₅ as measured by dividing the respective difference between the mean influent and effluent concentrations for the DMR monitoring period by the respective mean influent concentration for the DMR monitoring period, and multiplying the quotient by 100.
- The monitoring frequency and sample type for effluent flow is specified in the certification and is fully enforceable under this permit. This treatment facility is required to have an effluent flow measuring and recording device.