

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: *Town of Eaton*

Utility Plan: Approved 10/2003

CDPS Permit #: CO-0047414

Permit Expires: 6/30/2012

Description of Treatment Facilities: Extended aeration activated sludge Aero-Mod, ultra violet disinfection, mechanical step screen, and grit removal.

Treatment Facility Location: NW ¼, Section 6, T6N, R65W

Discharge Location: COSPCP13a, Thirty yards south of East Collins St. in Eaton Draw, tributary to the Cache la Poudre River.

Stream Segment Classification: Use Protected, Class 2 Warm Water Aquatic Life, Recreation Class E, Agriculture, and Water Supply.

Service Area Population:

Existing	2015	2020	2025	2030
4,500	5,729	6,025	7,296	9,057

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.75	0.315	0.49	0.58	0.70	0.73	2016	2023
Organic (lbs./day BOD ₅)	1,876	625	795	836	1,013	1,258	>2025	>2025

Biosolids treatment and disposal: Dewatering with centrifuge, storage on site and removal by contract waste disposal company.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #CO-0047414.

Estimated 5-year construction needs: No facility needs in the near future.