

NFRWQPA 2011 WATER QUALITY PLAN UPDATE  
Major Point Source Inventory Data

Operating Agency: *Town of Milliken*

CDPS Permit #: CO-0042528

Permit Expires: 1/31/2007

Description of Treatment Facilities: Extended aeration activated sludge treatment with secondary clarification and UV disinfection.

Treatment Facility Location: SW ¼, SE ¼, Section 1, T4N, R67W

Discharge Location: SW ¼, SE ¼, Section 1, T4N, R67W, Big Thompson River.

Stream Segment Classification: COSPBT05, Big Thompson River Segment 5, Class 2 Warm Water Aquatic Life, Recreation Class P (5/1 to 10/15), Class N (10/16 to 4/30), and Agriculture.

Service Area Population:

	2015	2020	2025	2030
Existing				
5,610	7,280	Not available	12,140	19,580

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.7	0.4	0.58	0.72			2015	2017
Organic (lbs/day BOD <sub>5</sub> )	2,000	620	900	1,120			>2020	>2020

Biosolids treatment and disposal: Belt filter press, either land applied or landfill.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #CO-0042528.

Estimated 5-year construction needs: Possible additional cells as growth requires.