

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: **Berthoud Estates**

CDPS Permit #: COG-582009

Permit Expires: 7/31/2004 (extended)

Description of Treatment Facilities: One aerated lagoon, one polishing pond, one intermittent sand filter pond, and a chlorination chamber. The facility provides treatment to the Berthoud Estates and Foothills Estates subdivisions.

Treatment Facility Location: NW ¼, Section 30, T4N, R69W

Discharge Location: Dry Creek which is tributary to Little Thompson River Segment 10, NW ¼, Section 30, T4N, R69W.

Stream Segment Classification: COSPBT10, Use Protected, Class 2 Warm Water Aquatic Life, Recreation Class E, and Agriculture.

Service Area Population:

Existing	2015	2020	2025	2030
439	*	*	*	*

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.052	0.042	*	*	*	*	2001	NA
Organic (lbs./day BOD ₅)	193	83	*	*	*	*	NA	NA

* Both subdivisions are completely built out so population and loading are not expected to expand.

Biosolids treatment and disposal: Biosolids removal was done in 1999 by Liquid Waste Management and plans are to repeat the process in the future.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #COG-582009.

Estimated 5-year construction needs: None

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