

NFRWQPA 2011 WATER QUALITY PLAN UPDATE  
Major Point Source Inventory Data

Operating Agency: *City of Brighton*

Utility Plan Approved: Amendment Conditional Approval  
 4/2009

CDPS Permit #:

Permit Expires:

Description of Treatment Facilities:

Treatment Facility Location: (Outside NFRWQPA Planning Area)

Discharge Location: (Outside NFRWQPA Planning Area) COSPUS15, South Platte River Segment 15.

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

Service Area Population:

Existing	2015	2020	2025	2030
34,118	36,107	39,693		

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)			2.6	3.6			*	*
Organic (lbs./day BOD <sub>5</sub> )			4,464	5,512			*	*

\*See 5-year construction needs.

Biosolids treatment and disposal: Anaerobic digestion for Class B requirements.

Treatment level: The degree of treatment required and effluent limitations are outlined in the facility permit.

Estimated 5-year construction needs: In 2009 the City of Brighton joined the Metro Wastewater Reclamation District. The City will continue to utilize the existing treatment facility through its useful life and over time continue to buy into and transition flows to the Metro Northern Treatment Facility for their long term capacity needs.