

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: *Town of Platteville*

Utility Plan Approved: 12/2010

NPDES Permit #: CO-0040355

Permit Expires: 1/31/2012

Description of Treatment Facilities: Complete mix aerated pond followed by a partially aerated constructed wetland, chlorination and dechlorination.

Treatment Facility Location: NE ¼, SE ¼, Section 13, T3N, R67W

Discharge Location: COSPMS01a, Middle South Platte River Segment 1, north side of WCR 32 ½ in the SE ¼, NE ¼, Section 13, T3N, R67W.

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
2,733	2,837	4,868	6,957	7,268

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.348	0.1913	0.1986	0.3408	0.487	0.5087	>2015	>2015
Organic (lbs/day BOD ₅)	871	547	567	974	1,391	1,454	>2015	>2015

Biosolids treatment and disposal: The town does not have biosolids treatment facilities. Removal of biosolids, when necessary, will be done by a licensed hauler.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #CO-0040355.

Estimated 5-year construction needs: The town has no construction needs at this time. Platteville did have a 201 Facility Plan completed in 2004 that identifies future treatment needs.