

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: *Town of La Salle*

CDPS Permit #: COG-588000

Permit Expires: 5/31/2010

CDPS Facility #: COG-588058

Description of Treatment Facilities: Aerated lagoon with rock filter, chlorination, and dechlorination. An expansion lagoon is located directly to the east of the main lagoon for future expansion if needed.

Treatment Facility Location: SE ¼, SE ¼, Section 29, T5N, R65W

Discharge Location: Middle South Platte River Sub basin Segment 1b.

Stream Segment Classification: COSPMS01b, Class 2 Warm Water Aquatic Life, Recreation Class E, Water Supply, and Agriculture.

Service Area Population:

Existing	2015	2020	2025	2030
2,100	2,300	2,800	3,000	3,400

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.46	0.19	0.208	0.253	0.271	0.308	>2030	>2030
Organic (lbs/day BOD5)	1,841	448	489	596	639	725	>2030	>2030

Biosolids treatment and disposal: Sludge disposal will be needed at a later time from the aerated system.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #COG-588058

Estimated 5-year construction needs: None