

NFRWQPA 2011 WATER QUALITY PLAN UPDATE  
Industrial Point Source Inventory Data

Operating Agency: *Leprino Foods – Greeley Plant WWTF*

CDPS Permit #: Pending

Permit Expires: NA

Description of Treatment Facilities: (Under construction – start up estimated for November 2011) Tier 1: Primary treatment to include flow equalization and dissolved air floatation (DAF). Secondary treatment includes sequencing batch reactors. Tertiary treatment includes media filtration, UV disinfection, cooling, and re-aeration. (All domestic wastewater will be treated by the City of Greeley.)

Treatment Facility Location: NW ¼, Section 9, T5N, R65W

Discharge Location: COSPCL12, Cache la Poudre River

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

Capacities:

	Design Capacity	Existing Load
Flow (mgd)	2.52	NA
Organic (lbs/day BOD <sub>5</sub> )	Approx. 36,000	NA

Biosolids treatment and disposal: Biosolids will be pressed and dewatered on site and the facility will have the option of land applying or composting.

Treatment level: System design is based on preliminary effluent limits developed by the Colorado Department of Public Health and Environment. Final effluent limits will be determined in the permit.

Estimated 5-year construction needs: Tier 1 of the wastewater facility is currently under construction. This tier will accommodate the first two phases at the production facility. The tier 2 expansion at the treatment facility is anticipated to include the addition of anaerobic lagoons to the primary treatment process.