

NFRWQPA 2011 WATER QUALITY PLAN UPDATE  
Minor Point Source Inventory Data

Operating Agency: *Western Mini Ranches / Vaquero Estates*

CDPS Permit #: COG-582032

Permit Expires: 7/31/04 (extended)

Description of Treatment Facilities: Two aerated lagoons, one polishing pond, and a chlorination chamber.

Treatment Facility Location: SW ¼, Section 21, T4N, R69W

Discharge Location: Tributary to Dry Creek and Little Thompson River Segment 10, NW ¼, Section 30, T4N, R69W

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

Service Area Population: Existing population approximately 235. The subdivisions are completely built out so population and loading is not expected to increase.

Capacities:

	Design Capacity	Existing Load
Flow (mgd)	0.025	0.018
Organic (lbs/day BOD <sub>5</sub> )	50	33

Biosolids treatment and disposal: In 2000, 150,000 gallons of biosolids were hauled to a designated land site and worked into the soil.

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #COG-582032

Estimated 5-year construction needs: Abandon the chlorine contact chamber and use the 850 lineal feet of discharge pipe as the contact chamber.