

NFRWQPA 2011 WATER QUALITY PLAN UPDATE
Major Point Source Inventory Data

Operating Agency: *Town of Ault*

CDPS Permit #: CO-0043711

Permit Expires: 1998 (extended)

Description of Treatment Facilities: Influent screening, two aerated lagoons, one settling pond, chlorination, and percolation bed system.

Treatment Facility Location: NW ¼, SW ¼, Section 13, T7N, R66W

Discharge Location: Rapid infiltration to groundwater, NW ¼, SW ¼, Section 13, T7N, R66W

Stream Segment Classification: NA

Service Area Population:

Existing	2015	2020	2025	2030
1,440	1,605	1,880	2,195	2,509

Capacities:

	Design Capacity	Existing Load	2015	2020	2025	2030	Year at 80% Design	Year at 95% Design
Flow (mgd)	0.25	0.093	0.110	0.140	0.180	0.230	2022	2025
Organic (lbs./day BOD ₅)	500	550 ⁽¹⁾	*	*	*	*	*	*

* Information not available

(1) = The plant is currently experiencing higher than expected organic loads due to excessive retention times at two lift stations. As flows to these lift stations increase the organic loads should reduce to expected levels.

Biosolids treatment and disposal: NA

Treatment level: The degree of treatment required and effluent limitations are outlined in Permit #CO-0043711.

Estimated 5-year construction needs: The plant was upgraded in 2007 however additional upgrades will be required to meet growth requirements.