

## Urban Centers and WWTPs

The North Bosque Watershed encompasses all or part of the cities of Stephenville, Iredell, Hico, Meridian, Clifton, and Valley Mills. Each of these cities has a permitted Waste Water Treatment Plant (WWTP) that discharges water into the North Bosque Watershed. According to the [North Bosque TMDL plan](#), nutrient loading contributed by urban stormwater is relatively small when compared to other storm-event-driven loading within the watershed. The following tables show current and projected future urban populations within the watershed along with Municipal WWTP current and projected discharges. Table 2 also lists the amount of orthophosphate discharged by each facility from the years 1995 – 1998 (taken from the *Implementation Plan for the North Bosque River Total Maximum Daily Load for Soluble Reactive Phosphorus*).

Table 1. Estimated urban population growth in the North Bosque Watershed.

<b>City</b>	<b>Year 2000</b>	<b>Year 2020</b>
Clifton	3,557	4,268
Hico	1,380	1,417
Iredell	433	581
Meridian	1,504	1,791
Stephenville	16,060	21,103
Valley Mills	1,090	1,118

Table 2. Municipal WWTP flows. Daily average in Million Gallons per Day – MGD.

<b>City</b>	<b>Permitted Flow</b>	<b>Recent Flow</b>	<b>Estimated Yr 2020 Flow</b>	<b>PO<sub>4</sub>-P (lbs/yr)</b>
Clifton (old)	0.400	0.303	N/A	1,621
Clifton (new)	0.650	N/A	0.372	N/A
Hico	0.200	0.086	0.089	658
Iredell	0.050	0.024	0.033	182
Meridian	0.450	0.157	0.251	1,468
Stephenville	3.000	1.939	2.629	11,523
Valley Mills	0.360	0.101	0.103	710
<b>Total*</b>	<b>4.710</b>	<b>2.610</b>	<b>3.477</b>	<b>16,162</b>

(\*Total permitted flow uses new Clifton facility)