

Estimated and target daily Total Nitrogen (TN) loads for the North Fork of Pocatello Creek (expressed based on monthly averages in lbs/day). Estimated loads represent the product of average monthly flow and TN concentrations from IASCD sampling activities in 1999 and 2000.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Estimated TN load (1999 and 2000)	17.2*	14.6	35.6	45.2	115.0	94.7	34.0	24.7	19.4	13.2	23.2	19.7
Target TN load	6.5	5.2	10.7	16.7	34.2	28.7	11.7	8.2	6.2	4.6	9.5	7.7
TN Load reduction required	62%	64%	70%	63%	70%	70%	66%	67%	68%	65%	59%	61%

*January load estimate represents the average of December and February load estimates. Target loads based 1.0 mg/L TN target.

Estimated and target daily Total Nitrogen (TN) loads for the South Fork of Pocatello Creek (expressed based on monthly averages in lbs/day). Estimated loads represent the product of average monthly flow and TN concentrations from IASCD sampling activities in 1999 and 2000.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Estimated TN load (1999 and 2000)	2.2*	2.7	4.0	7.8	12.9	4.9	0.8	0.8	0.5	1.3	1.9	1.7
Target TN load	1.2	1.4	1.5	3.4	4.8	2.3	0.5	0.4	0.2	0.8	0.9	0.9
TN Load reduction required	48%	50%	63%	56%	63%	53%	45%	49%	57%	43%	51%	45%

*January load estimate represents the average of December and February load estimates. Target loads based 1.0 mg/L TN target.

Estimated and target daily Total Nitrogen (TN) loads for the lower Rapid Creek (expressed based on monthly averages in lbs/day). Estimated loads represent the product of average monthly flow and TN concentrations from IASCD sampling activities in 1999 and 2000.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Estimated TN load (1999 and 2000)	149*	185.7	606.3	442.1	376*	310.0	149.7	65.5	62.2	114.0	97.5	112.0
Target TN load	78.4	98.5	269.5	262.4	231.3	200.2	83.2	34.7	32.7	43.6	56.7	58.3
TN Load reduction required	47*	47	56	41	39*	35	44	47	48	62	42	48

*January and May Load Estimates determined by average load estimate on months immediately prior and subsequent to missing months. Target loads based 1.0 mg/L TN target.

Estimated and target daily Total Nitrogen (TN) loads for the West Fork of Rapid Creek (expressed based on monthly averages in lbs/day). Estimated loads represent the product of average monthly flow and TN concentrations from IASCD sampling activities in 2001 and 2003.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Estimated TIN* load (2001 to 2003)	2.7	3.0	2.8	13.1	7.8	2.8	1.8	0.9	0.6	1.4	1.9	3.7
Target TN load	3.4	3.5	3.9	10.5	7.7	2.9	1.6	0.8	0.7	1.6	2.0	3.2
TN Load reduction required	0%	0%	0%	20%	1%	0%	9%	9%	0%	0%	0%	14%

***Total Inorganic Nitrogen** (TIN; nitrate + nitrite and ammonia) used to estimate TN load. TIN does not include organic N fractions and therefore TN loads and reductions may be greater than are reflected above. Target loads based 1.0 mg/L TN target.

Estimated and target daily Total Nitrogen (TN) loads for the North Fork of Rapid Creek (expressed based on monthly averages in lbs/day). Estimated loads represent the product of average monthly flow and TN concentrations from IASCD sampling activities in 2001 and 2003.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Estimated TIN* load (2001 to 2003)	12.5**	14.0	11.5	59.8	62.7	14.8	4.8	2.0	1.3	2.1	4.2	11.0
Target TN load	7.6	8.4	7.7	29.3	59.3	10.4	3.3	1.9	1.4	1.9	3.4	6.7
TN Load reduction required	39%	40%	33%	51%	5%	30%	32%	5%	0%	10%	20%	39%

***Total Inorganic Nitrogen** (TIN; nitrate + nitrite and ammonia) used to estimate TN load. TIN does not include organic N fractions and therefore TN loads and reductions may be greater than are reflected above. **January load estimate represents the average of December and February load estimates. Target loads based 1.0 mg/L TN target.