

TABLE 2.6-12

SUMMARY OF HISTORIC WATER QUALITY DATA AND DOCUMENTATION SOURCES

Data Source	Agency	Sampling Period	Typical Sample Data in Report																	
			Alkalinity/Acid	Ammonia	Bacteria	Dissolved Oxygen	Discharge (cfs)	Metals	Nitrogen	Total Phosphorous	pH	Radioactivity	TSS	Temperature-Air	Temperature-Water	Sediment/siltation	Salts	Specific conductance		
USGS Stream Gage 0634850 - Norwegian Creek near Belfield, ND	USGS	1979-81	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
USGS Stream Gage 06342900 - South Branch Heart River near South Heart, ND	USGS	1979-96	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	
USGS Stream Gage 06342920 - Heart River at South Heart, North Dakota	USGS	1995-96	x	x	x	x	x	x	x	x	x			x	x			x		
USGS Stream Gage 06342890 - South Branch Heart River below Bull Creek, ND	USGS	1995-96	x	x	x	x	x	x	x	x	x			x	x			x	x	
USEPA Sampling Station ND-10130202-057S00 - South Branch Heart River	USEPA	2002											x					x		
USEPA Sampling Station ND-10130202-062S00 - Tributaries to South Branch Heart River	USEPA	2002				no assessment data														
USEPA Sampling Station ND-10130202-061S00 - Upper South Branch Heart River watershed	USEPA	2002				no assessment data														
USEPA Sampling Station ND-10130202-056S00 -Heart River. From Belfield downstream to confluence with South Branch Heart River	USEPA	2002									x							x		
USEPA Sampling Station ND-10130202-003S00 -Heart River From confluence with South Branch Heart River downstream to Patterson Lake	USEPA	2002																x		
USEPA Sampling Station ND-10130202-064S00 -Norwegian Creek	USEPA	2002				no assessment data														
Patterson Lake Nutrient and Sediment TMDL	USEPA / North Dakota Department of Health	2004					x			x	x			x				x		
Lake Water Quality Assessment for Edward Arthur Patterson Lake	North Dakota Department of Health	2006					x			x	x			x				x		
Water in North Dakota	North Dakota State Water Commission	2005																		
Integrated 305(b) Water Quality Report & 303(d) List of Impaired Waterbodies	North Dakota Department of Health	2006									x							x		

Notes:

Additional water quality data is included in Appendix 2.6-2 that is not listed in this table.

USGS: United States Geological Survey

USEPA: United States Environmental Protection Agency

TMDL: Total Maximum Daily Load

ND: North Dakota

TSS: Total Suspended Solids

cfs: cubic foot per second