



Water Quality Verification Dataset 2017 - North Saskatchewan River Summary

Note: Water samples sent to SRC for Petroleum Hydrocarbon (PHC) analysis

Water samples sent to AXYS for polycyclic aromatic hydrocarbon (PAH) analysis (results pending)

Sample Date	Sample Time	Location	Sample Type	ID	Substance	Result	Unit
WSA Water Quality Sampling							

Highway #3 (upstream of Point of Entry)

23-Jun-17	12:30	West Bank	5 cm below Surface	24585	ND	--	--
23-Jun-17	13:20	Mid-Channel	5 cm below Surface	24586	ND	--	--
23-Jun-17	14:00	East Bank	5 cm below Surface	24587	ND	--	--

Highway #21

14-Jun-17	11:00	West Bank	5 cm below Surface	24585	ND	--	--
14-Jun-17	13:00	East Bank	5 cm below Surface	24587	ND	--	--

North Battleford near water intake

21-Jun-17	10:00	West Bank	5 cm below Surface	24585	ND	--	--
21-Jun-17	11:00	Mid-Channel	5 cm below Surface	24586	ND	--	--
21-Jun-17	11:40	East Bank	5 cm below Surface	24587	ND	--	--

Prince Albert near water intake

22-Jun-17	10:57	West Bank	5 cm below Surface	24585	ND	--	--
22-Jun-17	11:35	Mid-Channel	5 cm below Surface	24586	ND	--	--

22-Jun-17	12:00	East Bank	5 cm below Surface	24587	ND	--	--
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Notes:

ND	Not Detected
	Exceeds guideline - Drinking Water
	Exceeds guideline - Aquatic Life, Livestock, or Irrigation pathway
AO	Aesthetic Objective
MAC	Maximum Acceptable Concentration
NS	No Standard

Saskatchewan Research Council - Environmental Analytics Laboratories

Analysis	Contaminant	Detection Limit (µg/L)
PHC	Benzene	<0.2
PHC	Ethylbenzene	<0.2
PHC	m+p-Xylene	<0.2
PHC	o-Xylene	<0.2
PHC	Total Xylene	<0.2
PHC	Toluene	<0.2
PHC	Hydrocarbons, F1	<50
PHC	Hydrocarbons, F2	<50
PHC	Hydrocarbons, F3	<50
PHC	Hydrocarbons, F4 (C32-C50)	<50