

Stream Monitoring For Effects on Water Quality by Road
Salt Application, 2018-2019

PARAMETER	UNITS	SAMPLE FREQUENCY	ANALYTICAL METHOD
FIELD/ANALYZE IMMEDIATELY PARAMETERS			
Barometric Pressure	mm Hg	6 times per year	Field Measurement
Discharge/stream flow	cu.ft/sec	6 times per year	Field Measurement
Gage Height	ft	6 times per year	Manual/Visual
Oxygen, Dissolved	mg/L	6 times per year	SESDPROC-106-R3
Oxygen, Dissolved, in percent of saturation	% sat	6 times per year	SESDPROC-106-R3
pH	SU	6 times per year	Standard Methods 4500-H
Specific Conductance	us/cm	6 times per year	Standard Methods 2510-B
Temperature, Air	°C	6 times per year	Field Measurement
Temperature, Water	°C	6 times per year	Standard Methods 2550-B
Turbidity	NTRU	6 times per year	Standard Methods 2130-B
CONTINUOUS MONITORING PARAMETERS			
Specific Conductance	uS/cm	1 year (continuous)	Standard Methods 2510-B
Temperature, Water	°C	1 year (continuous)	Standard Methods 2550-B
CONVENTIONAL/NUTRIENT PARAMETERS			
Chloride (Dissolved)	mg/L	6 times per year	Standard Methods 4500-CL(E)
Total Dissolved Solids (TDS)	mg/L	6 times per year	Standard Methods 2540-C