September 2018



South of
Crossing 1 (2
x 1800 mm
dia.) - Early
Spring
Meltoff



Crossing 1 (2 x 1800 mm dia.) - Early Fall

September 2018



South of
Crossing 2
(2100 mm
dia.) Accumulated
Garbage



Crossing 2 (2100 mm dia.)

June 2018 Airport Creek Photos

South of Crossing 3 (4 x 1200 mm dia. and 2 x 1000 mm dia.) - Damaged Ends



North of Crossing 3 - damaged ends



North of Crossing 3 - Broken End



North of Crossing 3 - Deflected End



North of Crossing 3 - Wooden Pallet in Stream



South of Crossing 3 (4 x 1200 mm dia. and 2 x 1000 mm dia.) - Early Fall

September 2018



South of
Crossing 4
(800 mm dia.)
- not
receiving any
flow



September 2018



North of
Crossing 5 (3
x 300 mm
dia.) Garbage
accumulated



North of Crossing 5 (3 x 300 mm dia.) looking Upstream - Garbage in the pipe



North of Crossing 5 (300 mm dia.) looking Upstream - Corroded pipe exposed after the removal of garbage



South of Crossing 5 (3 x 300 mm dia.) looking Downstream - Garbage accumulated



East of Crossing 6 (1200 mm dia.) & 6B (600 mm dia.)



East of Crossing 6B (600 mm dia.) - Appears to be garbage in the stream

September 2018



East of Crossing 6 (1200 mm dia.)



East of Crossing 6 (1200 mm dia.)



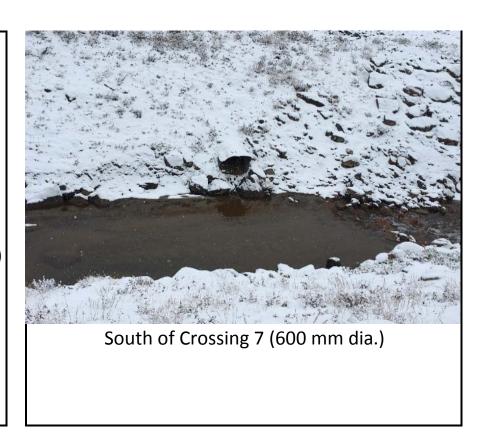
North of Crossing 7 (600 mm dia.)



September 2018



South of Crossing 7 (600 mm dia.)





South of Crossing 7 (600 mm dia.) - Sediment buildup in the pipe

September 2018



East of
Crossing 8 (2
x 1000 mm
dia. and 1 x
1600 mm
dia.) - Snow
about to melt



East of Crossing 8 (2 x 1000 mm dia. and 1 x 1600 mm dia.)

September 2018



East of
Crossing 8
(1600 mm
dia.) closeup Sediment
buildup inside
the pipe



East of Crossing 8 (1000 mm dia.)

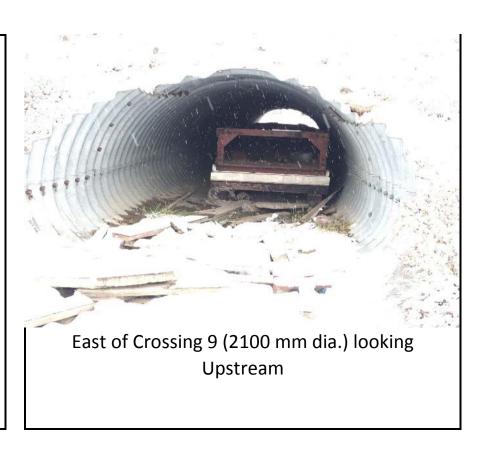
June 2018 Airport Creek Photos



September 2018



East of Crossing 9 (2100 mm dia.)



September 2018



West of Crossing 9 (2100 mm dia.) -Furniture inside the pipe



West of Crossing 9 (2100) looking Downstream



East of Crossing 10 (3100 mm dia.) & 10B (1600 mm dia.)



East of Crossing 10 (3100 mm dia.) & 10B (1600 mm dia.)



East of Crossing 10 (3100 mm dia.) - Snow melt



East of Crossing 10 (3100 mm dia.) - Deflected Pipe

June 2018 Airport Creek Photos



East of Crossing 10 (3100 mm dia.)

September 2018



Dam near
Crossing 12 (3
x 1000 mm
dia. and 1 x
2100 mm
dia.)



North of Crossing 12 (3 x 1000 mm dia. and 1 x 2100 mm dia.) looking Upstream - Garbage buildup infront of pipe

September 2018



North of
Crossing 12 (3
x 1000 mm
dia. and 1 x
2100 mm
dia.) Garbage in
the stream



North of Crossing 12 (3 x 1000 mm dia. and 1 x 2100 mm dia.) looking Upstream - Wooden Pallets and Garbage

September 2018



South of
Crossing 12 (3
x 1000 mm
dia. and 1 x
2100 mm
dia.)



South of Crossing 12 (3 x 1000 mm dia. and 1 x 2100 mm dia.) looking Downstream - Garbage in the flow

September 2018



East of Crossing 13 (1600 mm dia.)



East of Crossing 13 (1600 mm dia.) looking Downstream - Garage in the stream



East of Crossing 13 (1600 mm dia.) looking Downstream - Barrel inside the pipe, probably received during the stream flow



East of Crossing 13 (1600 mm dia.)

June 2018 **Airport Creek Photos**



North of ** Location

June 2018 Airport Creek Photos



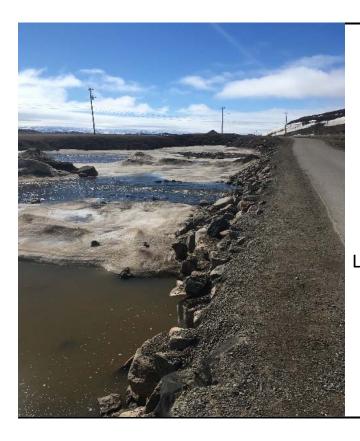
June 2018

Apex River



Road of Interst Looking Northwest

June 2018 Apex River



Left Side of Road of Interest -Looking West

September 2018

June 2018

Apex River



Eastern most culvert on south side of road -Blocked Pipe

June 2018

Apex River



Cluster 1 of 4
Culverts (4 x
9400 mm
dia.) on south
side of road Blocked due
to snow



Cluster 1 of 4 Culverts (4 x 9400 mm dia.) on north side of road - Garbage and broken pieces infront of pipe

Apex River



Cluster 2 of 3 Culverts (3 x 1100 mm dia.) on south side of road -Blocked due to snow



Cluster 2 of 3 Culverts (3 x 1100 mm dia.) on south side of road - Deflected on the top end

September 2018



Cluster 2 (3 x 1100 mm dia.) taken from North side of road - Blocked due to snow



Cluster 2 (3 x 1100 mm dia.) taken from South side of road - Damaged Ends



Cluster 1 (4 x 9400 mm dia.) taken from north side of road - Blocked due to snow

September 2018



Solo Culvert (1100 mm dia.) taken from North side of road

September 2018

Apex River



Stream running on South side of road



Stream running on South side of road



Apex River



Apex River



Northside of Cluster 3 - Deflected Pipe due to heavy loads

Apex River



Southside of Cluster 3 - Debris due to sedimentation in the culvert



North of Crossing 1 (2 x 700 mm dia.)



Upstream of Crossing 1 (2 x 700 mm dia.) - Damaged Ends

Lake Geraldine



South of Crossing 1 (2 x 700 mm dia.) - Bike and Garbage in the stream



Downstream of Crossing 1 (2 x 700 mm dia.) -Damaged and broken pieces



North of Crossing 2 (3 x 1200 mm dia.) -Garbage



Upstream of Crossing 2 (3 x 1200 mm dia.) - Garbage infront of the pipe



South of Crossing 2 (3 x 1200 mm dia.) - Garbage in the stream, pipe not in good shape



Upstream of Crossing 2 (3 x 1200 mm dia.) - Broken End

September 2018



North of
Crossing 3 (3
x 1500 mm
dia. and 2 x
620 mm dia.)
- Garbage
right beside
the pipe



Upstream of Crossing 3 (2 x 1500 mm dia. and 1 x 620 mm dia.) - Deflected Pipe with damaged ends



South of Crossing 3 (3 x 1500 mm dia. and 2 x 620 mm dia.) - Bike in the stream



Upstream of Crossing 3 (1500 mm dia.) - Garbage and sediment buildup inside the pipe

Lake Geraldine



Crossing 4 (2 x 1350 mm dia.) looking North - Pipes half buried in the substrate



Upstream of Crossing 4 (2 x 1350 mm dia.) - Tire seen in the stream, pipes half buried in the substrate

Lake Geraldine



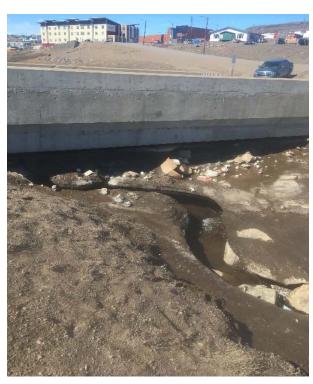
Crossing 4 (2 x 1350 mm dia.) looking South



Downstream of Crossing 4 (2 x 1350 mm dia.) -Garbage in the stream

September 2018

June 2018 Lake Geraldine



Crossing 5
looking West
- Clear span
bridge, 13 m
wide over a
channel with
7m wide
bankful.
Unstable
bank on
downstram
left

September 2018



Crossing 6
looking
South West 2 x 1300 mm
dia., 7 m
long with
one 800 mm
dia. dia
overflow
pipe



Downstream of Crossing 6 - 2 x 1300 mm dia., 7 m long with one 800 mm dia. dia overflow pipe



Crossing 6 ($2 \times 1300 \text{ mm}$ dia. and $1 \times 800 \text{ mm}$ dia. overflow) looking South West - Blokced due to snow



Upstream of Crossing 6 (1300 mm dia.) - Deflected Pipe



South of
Crossing 7
(3200 mm
dia.) looking
North - Pipe
not
accessible
due to
sediment
buildup



Upstream of Crossing 7 (3200 mm dia.) - Sediment Buildup inside the pipe



South of Crossing 7 (3200 mm dia.) looking North - Sediment Buildup



Downstream of Crossing 7 (3200 mm dia.) - Garbage infront of pipe



North of Crossing 8 (2 x 1950 mm dia. - 22m long) looking Southeast



Upstream of Crossing 8 (1950 mm dia.) - Sediment builup infront of pipe



South of Crossing 8 (2 x 1950 mm dia.) looking North - Blocked due to snow



Downstream of Crossing 8 (2 x 1950 mm dia.)



Crossing 9
looking
South Concrete
dam, over 1
m drop.
Complete
barrier, no
flow over
structure,
water flows
through rock
debris under
structure



Upstream of Crossing 9 - Concrete dam, over 1 m drop. Complete barrier, no flow over structure, water flows through rock debris under structure



Crossing 9
looking
South Concrete
dam, over 1
m drop.
Complete
barrier, no
flow over
structure,
water flows
through rock
debris under
structure



Downstream of Crossing 9 -Concrete dam, over 1 m drop. Complete barrier, no flow over structure, water flows through rock debris under structure

September 2018



South of
Crossing 10 (
2x 1350 mm
dia.) looking
Downstream
- 80 m long,
steep
installation



Upstream of Crossing 10 - 2 x 1350 mm dia., 80m long, steep installation



South of Crossing 10 (2 x 1350 mm dia.) looking Downstream - Blocked due to snow



Downstream of Crossing 10 (2 x 1350 mm dia.)



Upstream of
Crossing 10
Looking
North Wooden box
identified on
the stream



Upstream of Crossing 10 (1350 mm dia.) - Bars in the pipe