The City of Winnipeg Bid Opportunity No. 457-2014

Appendix D

Site Photos

SITE 1a, 1b ST. JAMES INTERCEPTOR (500mm WEST, 600mm EAST PIPE) NORTH SIDE



Figure 1 – Chamber location.



Figure 2 – Site access from Assiniboine Avenue.

SITE 1a, 1b ST. JAMES INTERCEPTOR (500mm WEST, 600mm EAST PIPE) NORTH SIDE

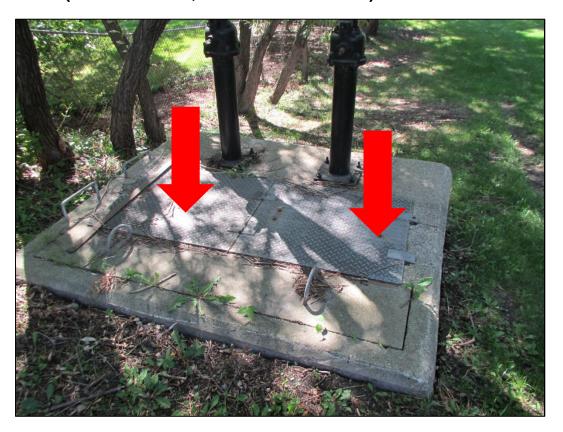


Figure 3 – Chamber location.



Figure 4 – Chamber interior.

SITE 1a , 1b ST. JAMES INTERCEPTOR (500mm WEST, 600mm EAST PIPE) SOUTH SIDE



Figure 5 – Site access from Elmvale Crescent.



Figure 6 – Site access.

SITE 1a , 1b ST. JAMES INTERCEPTOR (500mm WEST, 600mm EAST PIPE) SOUTH SIDE



Figure 7 – Chamber access.



Figure 8 – Chamber access.

SITE 1a , 1b ST. JAMES INTERCEPTOR (500mm WEST, 600mm EAST PIPE) SOUTH SIDE



Figure 9 – Chamber access / interior.



Figure 10 – Chamber interior.

SITE 2a, 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) EAST SIDE



Figure 11 – Site access facing west toward river.



Figure 12 – Site access, facing east.

SITE 2a, 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) EAST SIDE



Figure 13 – Chamber access.



Figure 14 – Chamber access / interior.

SITE 2a , 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) EAST SIDE



Figure 15 – Chamber interior.



Figure 16 – Chamber interior.

SITE 2a, 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) WEST SIDE



Figure 17 – Site access, facing west toward golf course.



Figure 18 – Chamber interior.

SITE 2a , 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) WEST SIDE



Figure 19 – Chamber interior.



Figure 20 – Chamber interior.

SITE 2a , 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) WEST SIDE



Figure 21 – Chamber interior.



Figure 22 – Chamber interior.

SITE 2a , 2b NORTHEAST INTERCEPTOR (800mm NORTH, 500mm SOUTH PIPE) WEST SIDE



Figure 23 – Chamber interior.



Figure 24 – Chamber interior.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) WEST SIDE



Figure 25 – Site access from Scotia Street at Newton Avenue.



Figure 26 – Chamber access.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) WEST SIDE



Figure 27 – Chamber access.



Figure 28 – Chamber access / interior.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) WEST SIDE



Figure 29 – Chamber interior.



Figure 30 – Chamber interior.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) EAST SIDE



Figure 31 – Site access along Kildonan Drive between Rossmere and Larchdale Crescent.



Figure 32 – Site access.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) EAST SIDE



Figure 33 – Chamber interior.



Figure 34 – Knife gate and tee.

SITE 3a NEWTON AVENUE FORCEMAIN (350mm SOUTH PIPE) EAST SIDE



Figure 35 – Knife gate.



Figure 36 – Tee.



Figure 37 – Site access from Assiniboine Crescent near Windham Road.



Figure 38 – Chamber access.



Figure 39 – Chamber access.



Figure 40 – Chamber interior, upstream direction.



Figure 41 – Chamber piping, facing downstream direction.



Figure 42 – Valves.



Figure 43 – Pipes exiting downstream wall of chamber.



Figure 44 – Pipe cradles.

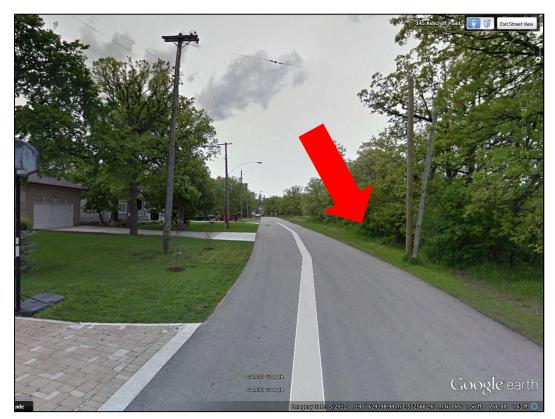


Figure 45 – Site access on Ashcroft Point, facing west.



Figure 46 – Site access, facing east.



Figure 47 – Chamber access.



Figure 48 – Chamber interior.

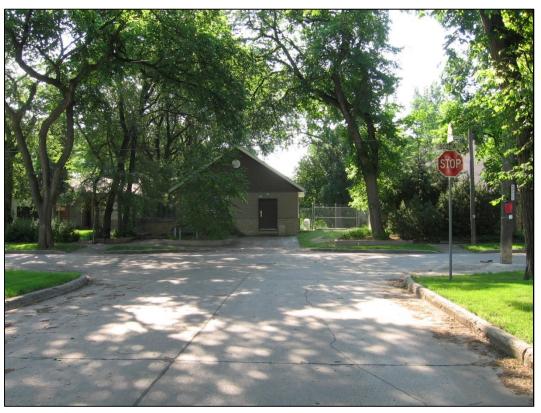


Figure 49 – Site Access. Scotia Street at Polson Avenue.



Figure 50 – Main floor opening / stairwell to first sublevel.

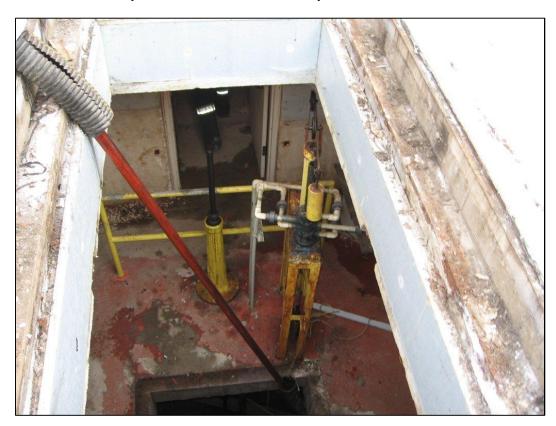


Figure 51 – Main floor opening to first sublevel.

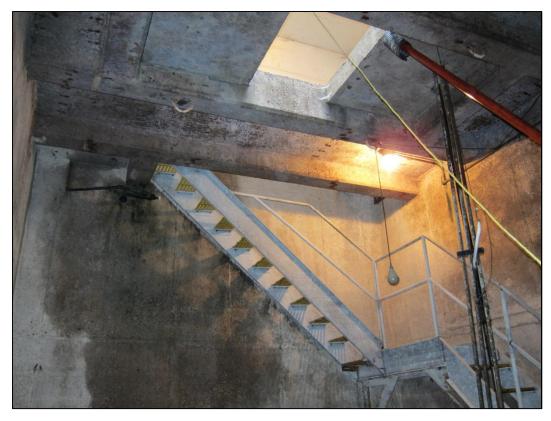


Figure 52 – View from bottom level up to first sublevel opening.

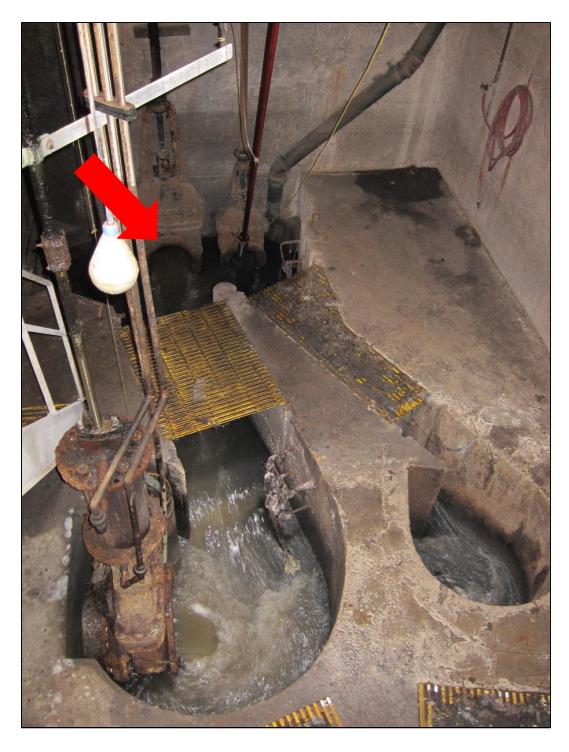


Figure 53 – Bottom sublevel at siphon outlet.



Figure 54 – Bottom sublevel.



Figure 55 – Pipe outlet.



Figure 56 – Site access from Henderson Highway at Munroe Avenue.



Figure 57 – Station.



Figure 58 – Main floor access.



Figure 59 – Sublevel through main floor access.



Figure 60 – Bottom sublevel, inlet side of chamber.



Figure 61 – Pipe inlets.

SITE 15 TRURO CREEK SIPHON WEST SIDE



Figure 104 – Site access on Deer Lodge Place, facing east.

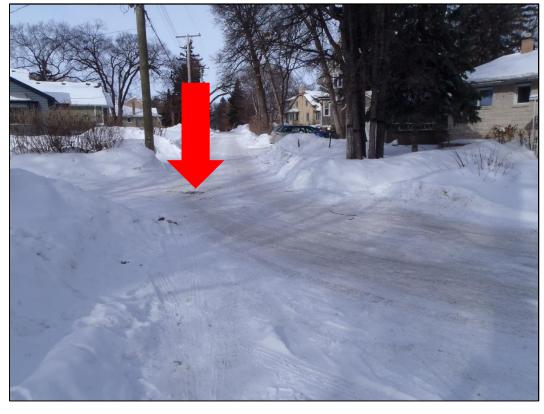


Figure 105 – Site access on Deer Lodge Place, facing west.

SITE 15 TRURO CREEK SIPHON EAST SIDE



Figure 106 – Site access on Douglas Park Road at Bruce Park Entrance, facing west.



Figure 107 – Site access in Bruce Park, facing southwest

SITE 15 TRURO CREEK SIPHON EAST SIDE



Figure 108 – Site access in Bruce Park, facing west



Figure 109 – Manhole