

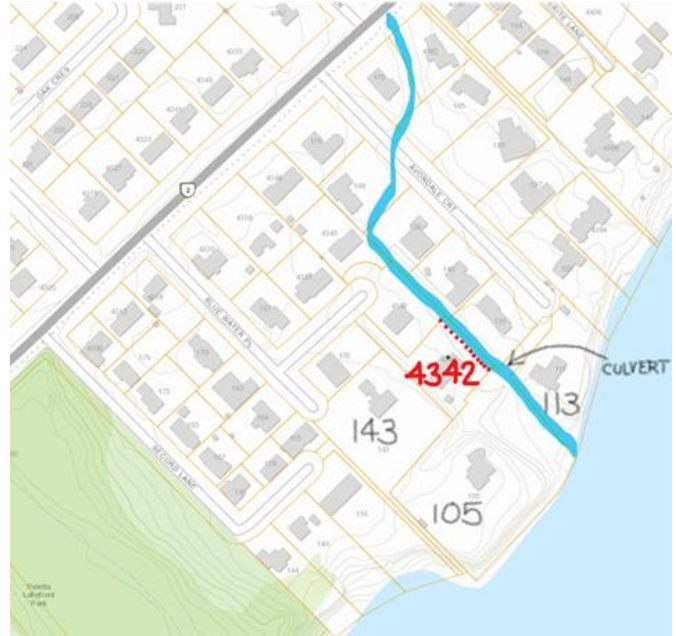
4342 Blue Water Place

History of Creek Flooding

Most recent incident: **Saturday May 25, 2019**



Site at 105 Avondale Court & 143 Blue Water Place
(4342 Blue Water Place shown in red)



Creek Path – Avondale Court & Blue Water Place

**Major Flooding Events occurred on several dates,
not limited to the Burlington Flood of August 2014.**

March 7, 2002
July 17, 2005
May 14, 2014
August 4, 2014 Burlington Flood
May 1, 2017
May 25, 2019

The most recent incident was **Saturday May 25, 2019** following a flash flooding warning issued by Environment Canada. Water rose above the height of the culvert beneath the 105 Avondale laneway and spilled onto 4342 Blue Water Place, peaking at the highest level since the August 2014 flood.

No fewer than 4 instances in the just the past 5 years suggests the Chicago 100-year flood planning metric used in functional servicing engineering models is insufficient for peak levels in this area.

4342 Blue Water Place

Creek Flooding – Multiple Incidents



Creek – March 27, 2002



Creek – July 17, 2005



Creek – May 14, 2014



Creek – August 4, 2014
Looking from 105 Culvert toward 4342 BWP



Creek – May 1, 2017



Creek – May 25, 2019

4342 Blue Water Place
Creek Flooding – Multiple Incidents



Creek – March 27, 2002



Creek – July 17, 2005

4342 Blue Water Place
Creek Flooding – Multiple Incidents



Creek – May 14, 2014



Creek – August 4, 2014
Looking from 105 Culvert toward 4342 BWP

4342 Blue Water Place
Creek Flooding – Multiple Incidents



Creek – May 1, 2017



Creek – May 25, 2019

4342 Blue Water Place
Creek Flooding - May 25, 2019



Sat May 25, 2019 6:12pm – 4342 BWP (looking north)



Sat May 25, 2019 6:12pm – 4342 BWP (looking east)

4342 Blue Water Place
Creek Flooding - May 25, 2019



Sat May 25, 2019 6:12pm – 4342 BWP (looking south)



Sat May 25, 2019 6:20pm – 4342 BWP (looking south)

Just 8 minutes later. Shows peak water level debris.

4342 Blue Water Place

Looking South

Creek – Regulation and Maintenance Required



**Fence crosses creek and Culvert runs underneath 105 Avondale Laneway
between 4342 BWP and 136 Avondale**



**Creek – May 1, 2017 Storm Surge
(same day 105 Avondale Beach Timber Shorewall washed away)**

4342 Blue Water Place
Looking North

Creek – Regulation and Maintenance Required



Creek – Monet Bridge on a Fair Day (136 Avondale)



Creek – Monet Bridge engulfed – May 1, 2017

4342 Blue Water Place

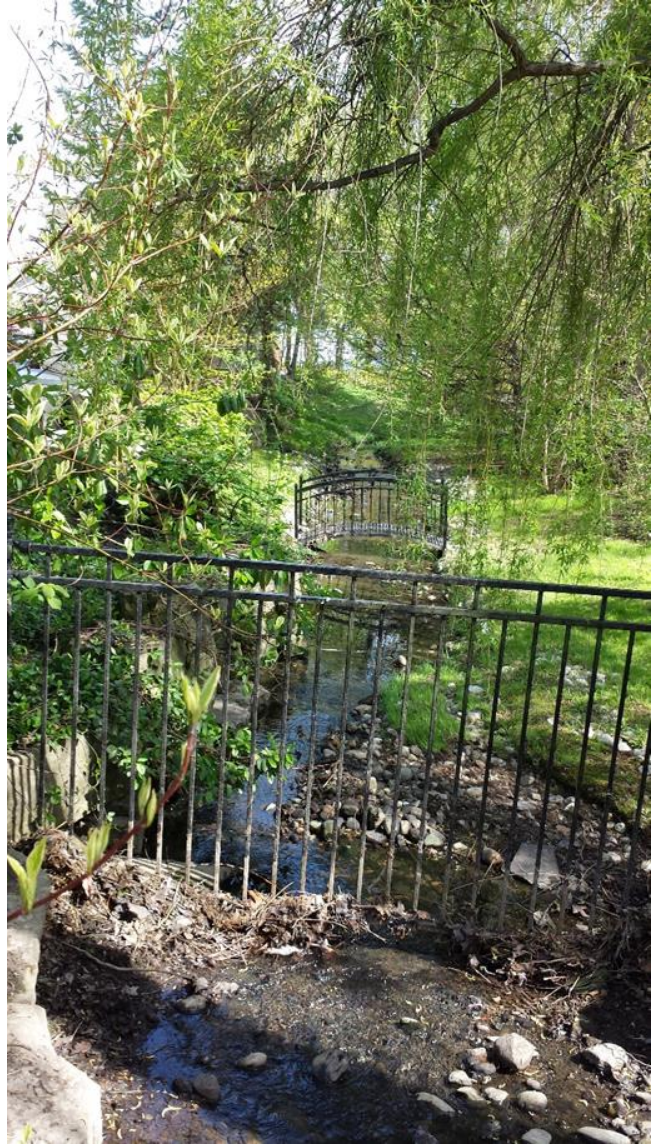
Stones & Fences

Creek – Regulation and Maintenance Required



Creek facing north

Armour Stones can impact flow velocity



Creek facing south

**Two wrought iron fences cross creek
(excluding the Monet footbridge)**