

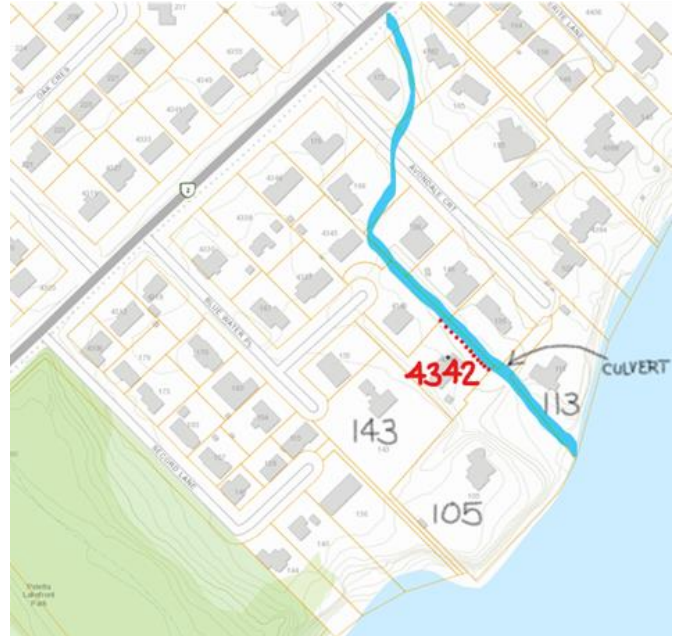
# 4342 Blue Water Place

## 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**

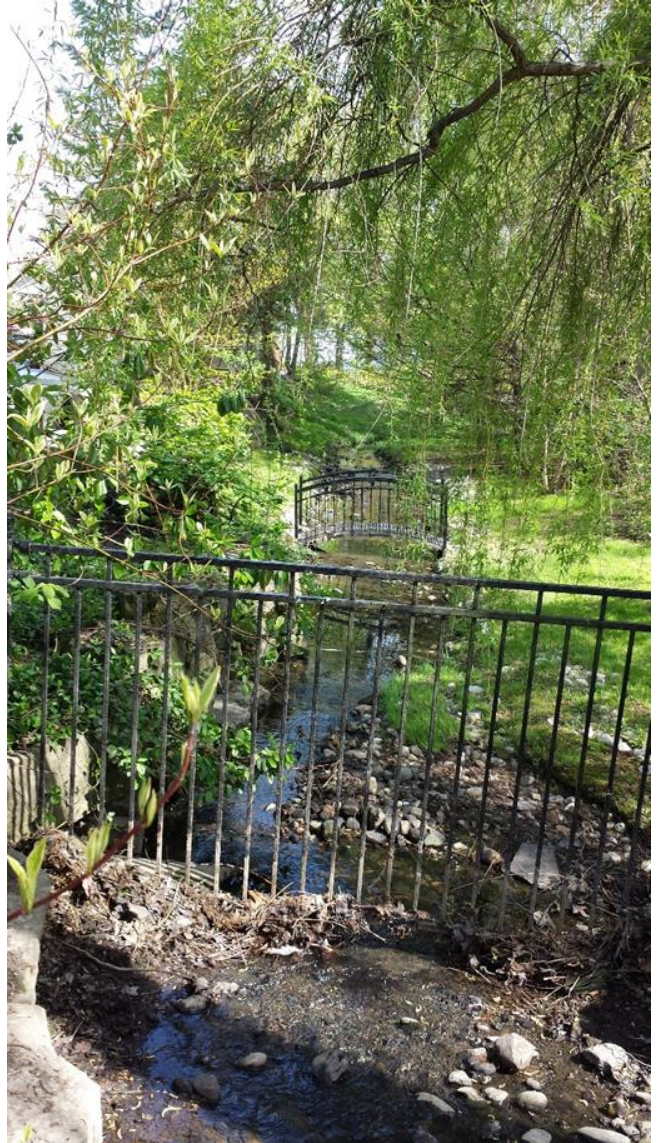
## **Stones & Fences**

### **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)**