



1. The culvert outlet at Tyson and Mount Carmel Avenues is small (approx. 2' by 3') and is blocked by cement slabs.
Action/BMP: Have Cheltenham Township remove concrete and conduct routine monitorings in the future.



2. The water flow is about 5" to 6" deep and 2' to 3' wide. The creek bed is mostly sediment, gravel and large stones. There are also large patches of algae and an orange jell-like substance that may be iron oxidizing and leaching out of the soil at the beginning of the reach.
Action/BMP: Follow-up on the origin of the algae.



3. The Tyson Avenue stretch of this reach is severely littered with trash, tires, old fencing, etc.
Action/BMP: Enlist neighbors and businesses to conduct routine cleanup and educate to keep items out of the riparian areas to prevent being carried away in storm events.



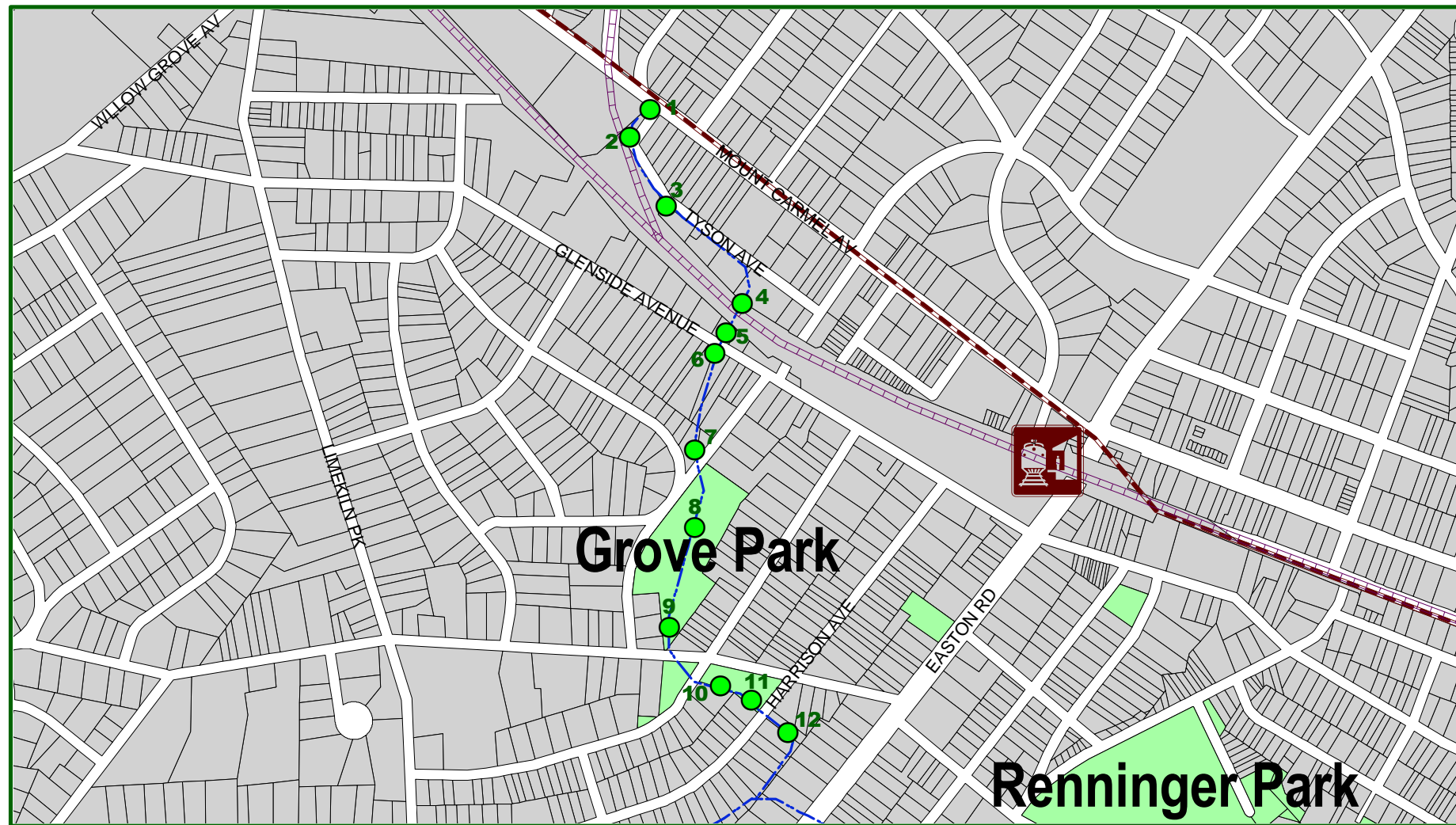
4. The right bank of this stretch abuts the railroad track and is about 5' high. There is evidence of recent removal and cutting back of trees and shrubs on the SEPTA track side. The left bank is one foot high and has some large trees, but the ground is compacted because of neighbors parking vehicles right up to the creek.
Action/BMP: Partner with SEPTA to plant native vegetation in keeping with their track maintenance requirements. Educate neighbors about the importance of vegetated creek banks and their care and usage.



5. The businesses on Glenside Avenue have their stormwater downspouts draining directly into the creek via PVC piping along the right bank.
Action/BMP: Encourage businesses to use rain barrels to slow volume of water entering the Tookany Creek, and also to reuse on-site.



6. The left bank is steep, trash littered, and overed in dried stalks of Japanese Knotweed.
Action/BMP: Conduct routine neighborhood litter removal and remove knotweed as part of watershed wide invasive plant removal. Consider streambank restoration, to regrade slope and replant with native plants in tandem with Knotweed removal.



Visual Streambank Assessment

TOOKANY CREEK WATERSHED MANAGEMENT PLAN

Township of Cheltenham

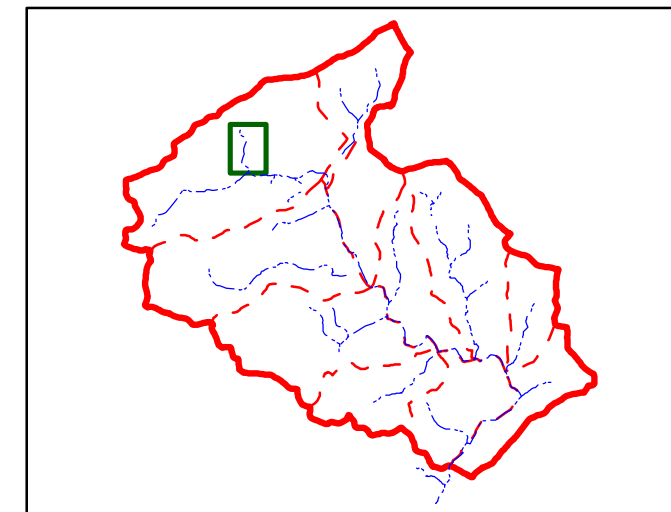
Unnamed Tributary of Tookany Creek - Grove Park

Assessed by the Tookany Creek Watershed Steering Committee Members

● Visual Assessment Point



600 0 600 Feet



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7. The creek makes a 90 degree turn under Glenside Avenue, becomes channeled and flows between and behind homes, before discharging into Grove Park. Culvert headwall shows finely skilled stonework of local masons that can be seen throughout the area.
Action/BMP: None necessary.

8. The unnamed creek meanders through Grove Park. It shows evidence of severe flooding with undercut banks. Grove Park is well manicured and there is no buffer zone on either bank with the banks mowed right up to the edges. There has been some attempt to plant small trees in the park.
Action/BMP: Have Cheltenham Township alter the management of open space and parks especially along the riparian areas of the Tookany Creek.



9. The creek is channelized removing the native wetland vegetation and the natural curving flow pattern which slows down the velocity during stormwater surges. Small sporadic areas of trees exist with the invasive English Ivy as the ground cover.
Action/BMP: Educate residents along the creek about the importance of a natural stream flow pattern by removing channelization, re-grade creek banks and replant riparian buffer.



10. This small stretch of land is open space owned by the Township and has some old growth large trees. The left bank is mowed to the edge and the right bank is steep and has a dirt walking path along it which the neighbors use to walk dogs and to explore the creek.
Action/BMP:



11. The known tributary flows under Harrison Ave. becomes channelized again, flows beside and behind homes where it makes a 90 degree turn then meets the main stem of the Tookany behind the old Boston Market on Easton Road.
Action/BMP: Consider biotechnical streambank stabilization, regrading banks and replanting with native vegetation.



12. The area where this branch crosses Harrison Ave is the sight of flooding during recent heavy storm events. This unnamed branch is a contributing factor to flooding down stream and must be considered in plans for flood management from a whole watershed perspective.
Action/BMP: Study Grove Park for possible stormwater retention.