

1. Small wetland area on Abington High School property. Storm drain with rip rap.



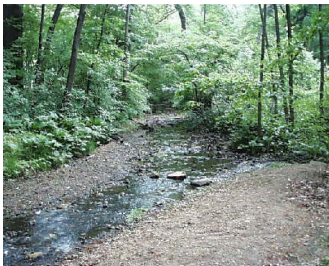
2. Baeder Creek piped under a garage and then under Abington Rd. /Ghost Rd. No water before pipe, on other side of road, water begins to flow. Three storm drains come together under road. For a long stretch, the stream is walled on one side (wood and stone). Other side 50% slope. Lots of brush thrown near stream bed from adjacent properties.

Action/BMP: Homeowner Education program; form local resident creek group to conduct routine clean-ups.



3. Wall on one side continues no slope, straight down on the other side. Small Foot Bridge crosses stream. Two mallard ducks on the stream.

Action/BMP: Stop mowing to the creek banks; Employ Biotechnical streambank techniques to restore bank to a more natural 3:1 slope and replant with native vegetation.



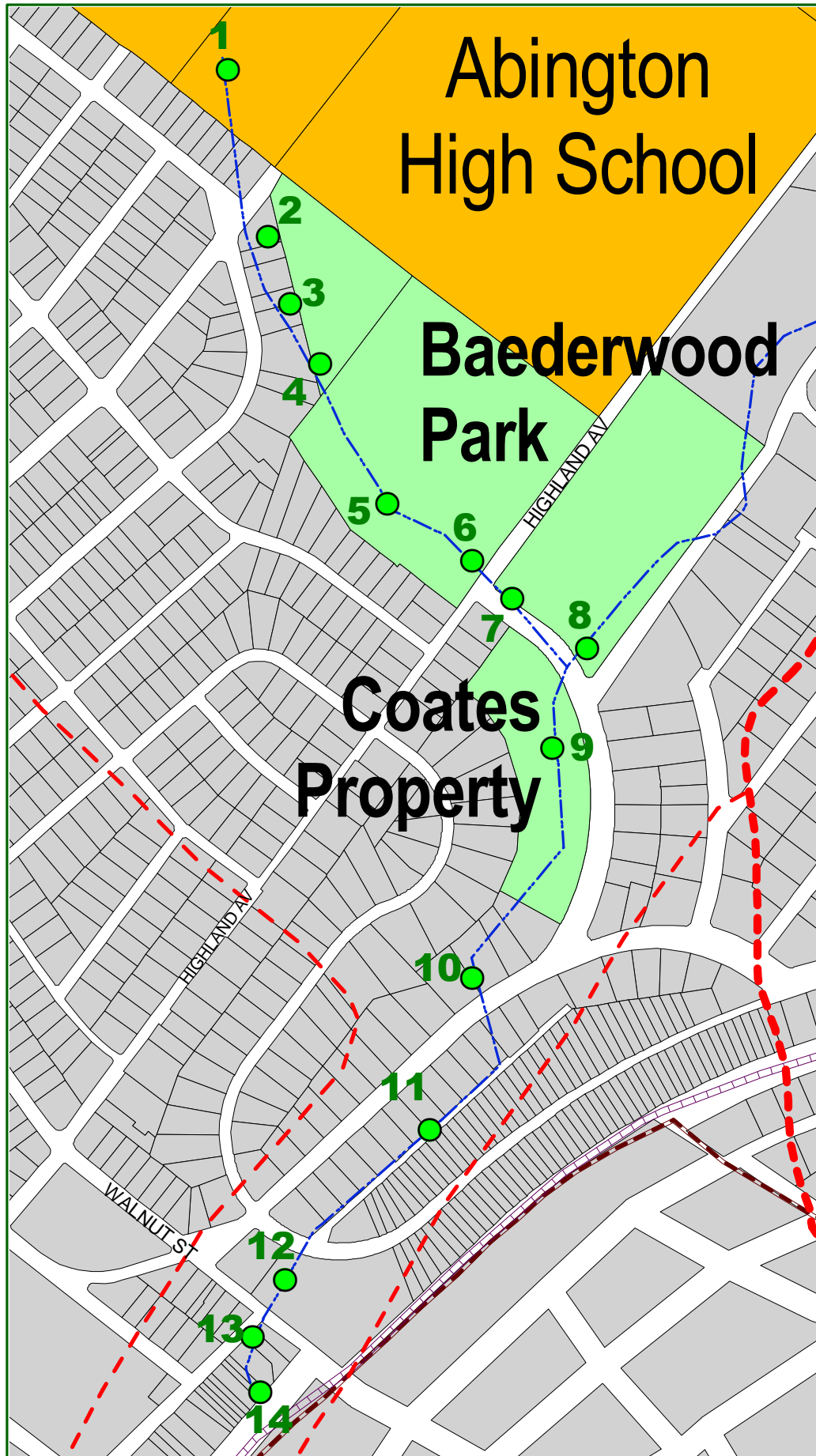
4. Baederwood Park near the creek with foot bridge. Stream widens to 15ft. Small wetland area as indicated by obligate plant species of skunk cabbage. Water clear. Slope 20% on one side, other side wetlands then gradual slope. Under cutting around foot bridge.

Action/BMP: Employ biotechnical streambank techniques to restore bank. After bridge, stream widens considerably in a spot. Bank really cut on side of playground. Action/BMP: Employ biotechnical streambank techniques to restore and stabilize bank.



5. Attractive stone wall across the creek, 20 ft high 3ft. gap cut into it - possibly used to slow down water flow. Several mature beech trees, maples, tulip, and oak. A great deal of in-channel erosion.

Action/BMP: Employ Biotechnical streambank techniques to restore bank to repair channel erosion and bring the banks to more natural 3:1 slope and replant with native vegetation



6. Creek flows under Highland Ave. Sewer line in creek bed, undercut. Lots of Knotweed.

Action/BMP: Have Abington Township engineer evaluate sewer line stability and consider biotechnical streambank techniques to repair bank and remove the knotweed with native plants simultaneously.



4.5 foot diameter pipe carrying water under the road. Erosion, breakage of road falling down into stream.

Action/BMP: Have Abington township engineer assess the source of the road problem and make repairs using biotechnical streambank techniques to stabilize bank. Install water bars in combination with native shrubs to prevent sediment and other NPS pollution from flowing into the creek.

7. Another sewer line/manhole cover along the creek. Knotweed, tulip and beech trees are the dominant vegetation. Very wide undefined edge of creek.

Action/BMP: Remove knotweed and replace with native plants.

8. Sand bar formed with creek split for a very short distance with vegetation of knotweed, tulip trees.

Action/BMP: Remove knotweed and replace with native plants.

9. Undercutting on one side of stream. Wide stream bed 20-30 feet wide. Water not wide, then a deep pool of 3ft. Some erosion under trees. Lots of multiflora rose.

Action/BMP: Stop mowing to the creek banks; Employ Biotechnical streambank techniques to restore bank to a more natural 3:1 slope and replant with native vegetation. Remove invasive multiflora rose and replant with natives.

10. Creek flows a great distance under Baeder Road and several properties. Flows out of tunnel (about 6ft diameter) behind properties along Baeder Road.



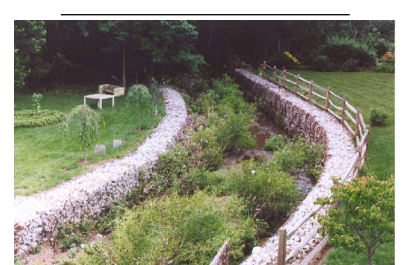
11. After flowing under Baeder Road, the stream is walled in on both sides. Walls vary in height from 6 to 12 feet in spots. The vertical wall is 6x6 lumber most of the way. Along part of the creek, the wall is cement.

Action/BMP: Consider removing the walls and employ biotechnical streambank techniques to restore riparian buffer and its essential functions, and allow the bank to become a more natural 3:1 slope and replant with native vegetation.



12. The stream travels under the Madison Apartments parking lot and then under Jenkintown Rd.

Action/BMP: Stop mowing to the creek banks; Employ Biotechnical streambank techniques to restore bank to a more natural 3:1 slope and replant with native vegetation.



13. On the other side of Jenkintown Road, the creek reappears in a residential neighborhood. Gabion baskets make up the vertical walls on both sides. Native veg, such as willows and viburnum growing in stream bed.

Action/BMP: Encourage homeowners to stop mowing to creek banks. Consider removal of the gabion baskets to restore riparian buffer function, improve appearance and improve wildlife habitat potential. Employ biotechnical streambank techniques to restore bank to a more natural 3:1 slope and replant with native vegetation.

14. The rest of the way was inaccessible due to thickets of invasive species.

Action/BMP: Possible removal of obstructing invasive species and develop greenway to connect to the main Tookany Creek in Cheltenham Township

Visual Streambank Assessment

TOOKANY CREEK WATERSHED MANAGEMENT PLAN

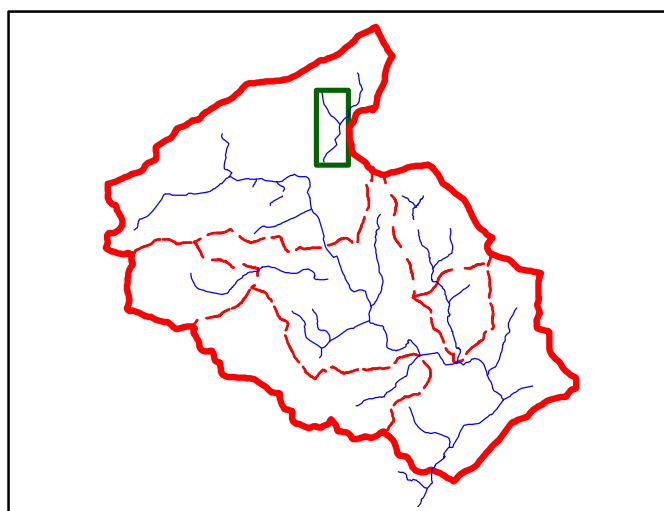
Baeder Creek

Assessed by the Abington Township Steering Committee Members

● Visual Assessment Point



500 0 500 Feet



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