

Appendix 6

Public Engagement Resources and Feedback

Draft Release - January 2025

PREPARED BY

Brandywine Conservancy

University of Delaware Water Resources Center

Chester County Water Resources Authority



BRANDYWINE
CONSERVANCY



Chester County Water Resources Authority

CHESTER COUNTY ~ PENNSYLVANIA

Public Meetings

From December 2023 to May 2024, a series of five public meetings were held across the reaches of the watershed. At each public meeting, a brief presentation was made by Flood Study core team partners from the Brandywine Conservancy, Chester County Water Resources Authority, and the University of Delaware's Water Resources Center. In addition, guest speakers from several organizations presented on their work in the Brandywine watershed. Details from each meeting are listed below.

Brandywine Flood Study Public Meetings

Location	Date	Speakers	Attendees
Downingtown Borough Hall <i>10 W Lancaster Avenue Downingtown, PA 19335</i>	December 14, 2023 6:00 pm	Brandywine Conservancy	43
Brandywine Museum of Art <i>1 Hoffmans Mill Road Chadds Ford, PA 19317</i>	February 8, 2024 6:00 pm	Brandywine Conservancy, City of Wilmington	111
Coatesville City Hall <i>1 City Hall Place Coatesville, PA 19320</i>	March 5, 2024 6:00 pm	Brandywine Conservancy, Cedarville Engineering Group	32
Chadds Ford Township <i>10 Ring Road Chadds Ford PA 19317</i>	March 18, 2024 6:00 pm	Brandywine Conservancy	24
UrbanPromise Rick's Rock Servant Leadership Center <i>1000 E. 28th Street Wilmington, DE 19802</i>	May 9, 2024 6:30 pm	Brandywine Conservancy, University of Delaware, City of Wilmington, Eleventh Street Bridge Community Long Term Recovery Group, Green Building United/NorthEast Rising, Delaware Department of Natural Resources and Environmental Control (DNREC)	29

At these meetings, attendees were encouraged to share their personal experiences with flooding, which provided valuable context and insights into the challenges faced by the community. Public meeting attendees recorded their feedback on maps and posters with guided questions. Public input from these meetings was recorded and uploaded into the Interactive Flood Map. The digitization process of the public input on paper maps into the online Interactive Flood Map was conducted by students at West Chester University's Department of Geography and Planning.

At each public meeting, guided questions were presented to the participants to gather feedback. The following questions were asked at public meetings:

- Q1: In what ways are you impacted by flooding?
- Q2: How do you currently inform yourself about flood and other weather-related incidents?
- Q3: What types of flood mitigation projects should be implemented?
- Q4: How can your local government most support you prior, during, and after hazardous events?

The compiled results of those meetings are presented below, including quotes obtained through attendees' input.

Q1. In what ways are you impacted by flooding?					
	Downingtown	BCMA	Chadds Ford	Coatesville	Wilmington
Work	6	14		6	
Travel	10	11		12	
Home	9	12		8	
Recreation		5	5	2	
Essential Services	1	8		3	
Other	2	4			

Comments: “My farm was devastated, lost two miles of fence, cows were let out to survive. Months to restore pastures and paddocks. (Northbrook)”, “Unable to travel to work”, “During Ida, neighborhood completely surrounded by impassable waters.”, “Huge loss”, “\$50k damage to home and property. (Northbrook)”, “No one has cleaned up the overwhelming amount of debris /clog of downed trees”, “No one has cleaned up the overwhelming amount of debris”, “Planning”, “Public works infrastructure”, “The water is very, very, very, very gross”, “Business property”, “Business loss”, “Business”, “UCFSD – impact to our schools”, “Nature loss/wildlife/trees”, “Insurance”, “Business”, “Home”, “Restricted, yet mandatory”, “Livestock care”

Q2. How do you currently inform yourself on flood and other weather-related incidents?					
	Downingtown	BCMA	Chadds Ford	Coatesville	Wilmington
Smartphone/App	8	23		8	3
Automated Text	7	12		6	2
Email/Newspaper	2	3		2	
TV/radio	3	13		3	2
Social Media	6	10		1	2
Other	3				

Comments: “Emergency Management -- Emergencymail.org - RING- Alerts from NWS”, “USGS - Broad Run, Chadds Ford, E Branch Brandywine (Dtown?)”, “Fellow residents (WOM)”, “National Weather Service Flood Model”, “NOAA (River Cresting Predictions”, “NWS/ NOAA/ USGS website that shows the creek levels (predicts the peaks)”, “waterdata.usgs.gov, water.weather.gov”

Q3. What types of flood mitigation projects should be implemented?					
	Downingtown	BCMA	Chadds Ford	Coatesville	Wilmington
Reservoirs	6	3		4	
Dams	3	2		4	
Correct sizing of bridges and culverts	8	8		7	
Rain gardens/Bioswales etc.	10	19		6	
Riparian Plantings	11	13		4	
Limiting development in flood prone areas	12	19		9	
Improvement the condition of soils to better allow infiltration	6	13		4	

Comments: “Manage water levels pre-storm to create “free board” flood capacity”, “Remove all historic dams”, “Do dams help or hurt downstream?”, “Remediating old dams (removing) and enlarging upstream floodplains. Eliminate artificially elevated stream “walls” to allow the river to enlarge naturally not “jump the banks”!”, “Have public meetings with people living there”, “Please solicit other views to make an informed choice! Invite public adjacent to all structures”, “Floodplain connection to stream”, “Yes! PennDOT needs to be at the table for this discussion!” , “Very important PennDOT activity adding guardrails and stability to area that was log jammed- adding to problem”, “Clean debris regularly”, “Preemptively preparedness”, “Dumpster in Avondale”, “Promote meadow plantings”, “Tell residents not to mow edge of stream”, “Meadows”, “Retrofit all detention basins”, “Encourage residents to plant a riparian buffer”, “Better tree planting system”, “Decreasing invasive species and encouraging native root systems”, “Less close mowing on waterways”, “Upstream from flood prone areas”, “Please! Limit development upstream from known flooding”, “Regenerative farming”, “Encourage residents to reduce mowed lawns”, “Detention basin naturalization”, “Riparian buffer plantings Many, Many Mature trees fell into the Brandywine during Ida.”, “They are still there and created log jams and a threat to bridges and culverts / remove them”, “Yes!” , “Building codes, preparing homes for flooding”, “Trees that come down on the roads next to the Brandywine need to be taken away, not thrown into the creek, as is done now”, “Create natural flood retention using existing topography and open space”, “Buy outs in known flooded areas!” , “Codes related to ecosystem damage- systemic factors”, “Also be diligent in removing dead trees from the floodplain, as they can cause blockages when they fall”, “Revise Holding Specifications for 200 year storm for developers”, “Regarding trees – are too slow and insignificant to see true flood management”, “Moratorium on development in watershed, use “infill development”

Q4. How can your local government most support you prior, during, and after hazardous events					
	Downingtown	BCMA	Chadds Ford	Coatesville	Wilmington
Education on emergency preparedness	4			5	3
Resources for flood mitigation on my property	8			7	2
Early and frequent communication	6			7	3
Info on flood recovery assistance programs				3	2
Accessing financial assistance for rebuilding resiliency				4	2

Information on flood insurance	3				2
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Comments: “Haven’t received any info”, “Yes please”, “Emergency alert text system”, “Info on flood recovery assistance programs”, “Or help affording flood insurance. My annual cost went up from \$1k to \$3k between 2022 and 2023 because of two claims – Isis and Ida.”, “Culvert under 322 towards Brandywine East Branch is poorly managed, needs expansion. Water Management (or lack thereof) upstream forces all water downstream to our property (too much building without flooding in mind). Six feet of water on first floor of a historic Chester County home.”, “Identify streets that are likely to flood and let residents know of areas to avoid.”, “Communicate about meetings/help communicate with PennDOT. “, “Moratorium on new SALDO in watershed”, “Tax on impervious surface and MS4, NPDES”

Additional Thoughts

- Stop building, eliminating impervious ground without proper prep/infrastructure in place
- Clean up debris of previous flooding
 - I.E.- furniture that floated away – dredge
- E. Fallowfield
- Development moratorium
- Northbrook Cattle Co
- Ida was the worst by 2 feet above the HWM from Agnes. Farm was devastated, fence, shelters, powerlines. Water Hybands (? (Heirloom Orchard Gardens driveways, equipment all washed away. Floating debris and trees smashed and destroyed, not the flood water. Flood insurance covered \$250k in damage. Damage exceeded \$500k. Two years to restore 100%. Last project was rebuilt – the High/Historic/Heighten (?) Store Mill Race. 10 weeks out of home. Cows shipped off site. Hay crop destroyed. I can go on but you get the picture. Thank you.
- CCPC – CCWRA
- Advertise meetings on municipal website and paper flyers
- Residents
- We live close to Blackhorse Run in E Bradford, the worst flooding we have seen on the creek was not Ida, but rapid snowmelt. Please consider this as well as rain. Other areas of interest:
 - Remove dams on Brandywine
 - Restore Shad fishery
 - Work with school districts to showcase rain gardens and meadow conversions etc.
 - Good example at Hillendale School, Greenwood Elementary School
 - Reclaim derelict industrial land – Coatesville especially
- Educate public that each homeowner can help (or hurt) prevent storm runoff. Encourage residents to reduce mowed lawns and plant riparian buffers
- Upstream holding
- Deep dredge holding
- Deeper Marsh Lake

- Unknown
- Please help!
- Address flooding on Creek Road with long term solutions’=
- No dams
- Address flooding on Creek Road (over bridge)
- The riverbank at Rockland Mills has been severely eroded, threatening the structural integrity of historic buildings/residences
- Need help in addressing this
- Developing areas of flood plains that allow the river to “spread out” in areas that do not create structural damage while there is still enough underdeveloped land to build these or allow the river to “flood” these natural areas of “reserve”. [Penndot and financing] before it is too late.
- Use NOAA hydrography for information on actual vis forecast Brandywine Creek elevation. Accuracy is questionable at best with actual passing FIC. Can we make this more accurate?
- After historic flooding in Sept 2021, never found any information to help with repairs – community room at lower level of Brandywine Park Condos.
- Loss of housing structure along Brandywine at Riverbend [levee].
- Buy out from FEMA/PEMA pending
- Open space buyout for township park trailway
- Since the devastation from Ida, I’ve worked tirelessly to recover and also support my community. It is very important that the voices of those impacted are sought and heard. Thank you for this endeavor and for including all affected communities. Much appreciated.
 - Use studies from other areas affected by floods to get a baseline of what worked in any area but different scenarios. City to City, state to state, country to country. LA, TX, GA...New Orleans, Houston, Roswell...Haiti, Thailand, Dominican Republic
 - Giselle Constantino
- I hope Coatesville, S Coatesville and Modena will be prioritized for funding and project implementation
- Years of neglect are an environmental justice issue with most projects and attention directed towards to W Branch and Main Stem
- These communities have been impacted for years, especially those of us down creek from 2 sewage treatment facilities. It's time to add more USGS gages to get more real time data.
 - Low income housing along flooding areas takes a compounded hit, loss of travel, loss of work, loss of job, loss of housing. Repeated flooding and trauma is trying on a community attempting to assist affected areas.
 - EJ areas – Cville, S Cville, Modena, Valley

Public Outreach Events

The Flood Study was further promoted to the public through 35 partner reaching more 1,000 individuals throughout the bi-state region. Methods of communication included general attendance and promotion, presentations, flyers, QR codes, active tabling, focused meetings and

targeted discussion regarding the Brandywine Flood Study and access to the Public Survey and Interactive Flood Map. The events are listed in the following table.

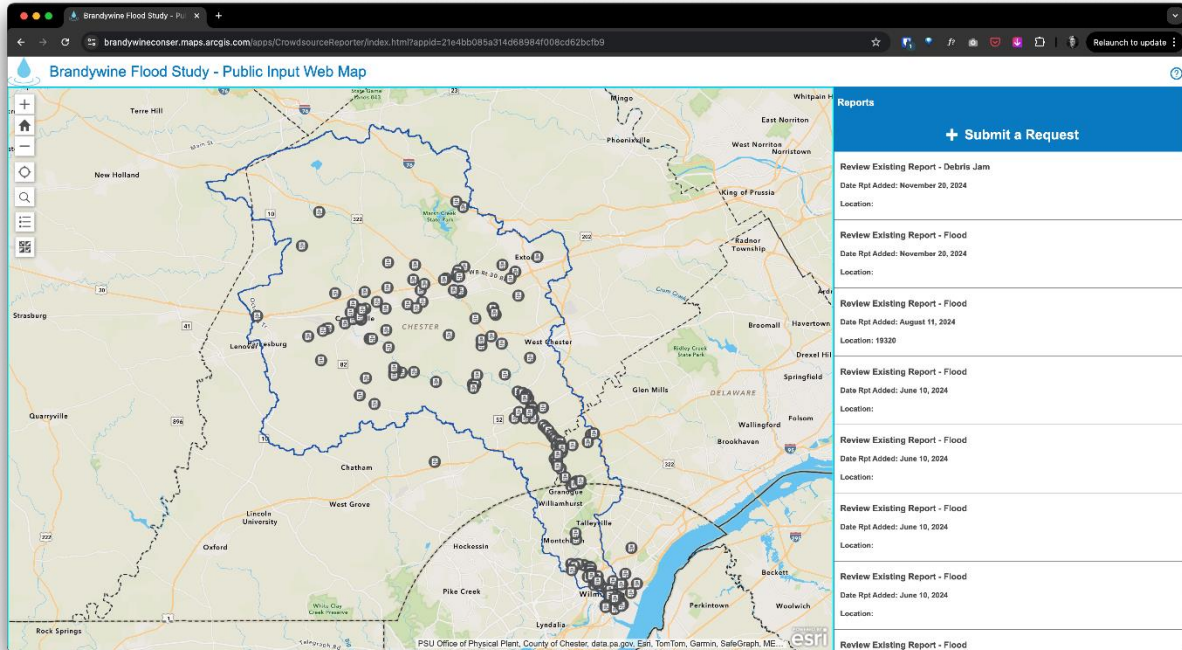
Partner events for the Brandywine Flood Study outreach

Partner Events	Location	Date
PSATS Stormwater Conference	King of Prussia, PA	11/13-14/2024
FEMA Delaware River Climate Practitioners Workshop	Philadelphia, PA	10/28/2024
Chester County Water Resources Authority Stormwater Summit	South Coatesville, PA	10/11/2024
Chester County Planning Commission Planners' Forum	West Chester, PA	10/2/2024
Delaware River Watershed Forum	Bethlehem, PA	09/27/2024
PWEA Pennsylvania Stormwater Summit	King of Prussia, PA	09/26/2024
University of Pennsylvania, Sustainability & Environmental Planning	Philadelphia, PA	02/27/2024
Christina Watershed Municipal Partnership Member Meeting	Downingtown, PA	11/15/2024
Pop-up Trailside Tabling	First State National Historic Park, Wilmington, DE	08/3/2024
Pop-up Trailside Tabling	Brandywine Museum of Art, Chadds Ford, PA	07/19/2024
Upper Uwchlan Township	Chester Springs, PA	06/29/2024
Trail Blazer 5k Run	Children's Country Week Association - Paradise Farm Camps, East Bradford, PA	06/6/2024
Chester County Walking Dam Tours	Struble Dam (Honey Brook, PA), Hibernia Dam (West Caln), Barneston Dam, (Wallace, PA)	May and June 2024
Delaware County Sustainability Conference	Widener University, Chester, PA	05/30/2024
Brandywine Creek Greenway Regional Roundtable	Valley Township, PA	05/29/2024
Community Fishing Day at Anson B Nixon Park	Kennett Square, PA	05/19/2024
Brandywine Creek Greenway Regional Roundtable	Hagley Museum and Library, Wilmington, DE	05/15/2024
Brandywine Creek Greenway Regional Roundtable	West Bradford, PA	05/10/2024

Chester County Watershed Roundtable	Chester County Government Services Center, West Chester, PA	05/3/2024
Chadds Ford Township Meeting	Chadds Ford, PA	04/29/2024
City of Wilmington Earth Day Celebration 2024	Wilmington, DE	04/19/2024
Downingtown Resilience Fund Meeting	Belfor Property Restoration, Exton, PA	04/18/2024
West Chester University, PLN Studio Guest Lecture	Business of Public Management Center, West Chester, PA	04/8/2024
WeConservePA 2024 Pennsylvania Land Conservation Conference	Bethlehem, PA	04/3/2024-04/5/2024
Uwchlan Township	Exton, PA	03/8/2024
Christina Watershed Municipal Partnership Member Meeting	Northbrook Marketplace, Pocopson, PA	01/19/2024
Unionville Community Fair 2023	East Marlborough, PA	10/14-15/2023
Downingtown Flood Study Committee Meeting	Downingtown, PA	10/12/2023, 11/9/2023, 12/14/2023
Delaware River Watershed Forum	Wilmington, PA	09/28-29/2023
Delaware Nature Society's Monarch Migration Celebration 2023	DuPont Environmental Education Center, Wilmington, DE	09/16/2023
Chester County Water Resources Authority Stormwater Summit	Virtual Meeting (Zoom)	09/15/2023

Interactive Flood Map

The [Interactive Public Input Web Map](#), hosted by Brandywine Conservancy, provides an interactive platform for community members to report and view flood-related issues in the Brandywine watershed. Users can mark locations of concern, such as flood damage, infrastructure problems, or environmental impacts, on a shared map. Users can also directly add photos, videos and comments to the locations marked.



Students from the Department of Geography and Planning at West Chester University played a vital role in digitizing public input from paper maps used during public and municipal meetings. Compiled results are presented in the following table.

Municipality	Location	Flood Type	Flooding Details	County	State	WATERSHED	Minor watershed
Birmingham Township	1545-1599 Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township	1506-1520 Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township	1400-1410 Creek Rd, Chadds Ford, Pennsylvania, 19317			Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township	1328-1328 S Creek Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township	1300-1300 S Creek Rd, West Chester, Pennsylvania, 19382			Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township			Drum full of waste cooking oil slightly leaking from lid. Uprighted drum, and reported to PaDEP, they came out and left a pair of gloves on it, probably taking a waste characteristics sample before disposal, it was removed a few days later.	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Birmingham Township	1442-1466 Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Chester	Pennsylvania	Brandywine Creek	Brinton Run
Birmingham Township	1461-1461 Creek Rd, Chadds Ford, Pennsylvania, 19317			Chester	Pennsylvania	Brandywine Creek	Brinton Run
Birmingham Township	1317-1317 Lenape Rd, West Chester, Pennsylvania, 19382			Chester	Pennsylvania	Brandywine Creek	Plum Run
Birmingham Township	916 GENERAL WAYNE DR, PA, 19382		Hazardous wastes left behind by other clean up volunteers who apparently did not want to deal with disposal of hazardous wastes, so they left them on the roadside. I took them to Chester County Household Hazardous Waste disposal day.	Chester	Pennsylvania	Brandywine Creek	Radley Run
Birmingham Township	1130-1130 W Street Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Radley Run
Brandywine Hundred	1704 N Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	1854-1898 N Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	1943-1981 N Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	2-198 Bancroft Mill Rd, Wilmington, Delaware, 19806		Excessive debris from Ida Isaias and each high water thereafter	New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	B Rd, Wilmington, Delaware, 19803		Bridge destroyed	New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	4 Rockland Ridge Rd, Rockland, Delaware, 19732	Debris Jam		New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	637-649 W Rockland Rd, Rockland, Delaware, 19732			New Castle	Delaware	Brandywine Creek	Brandywine Creek
Brandywine Hundred	I-495 S, Wilmington, Delaware, 19809			New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
Brandywine Hundred	740-744 Edgemoor Rd, Wilmington, Delaware, 19809			New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
Brandywine Hundred	4400-4412 N Market St, Wilmington, Delaware, 19802	Debris Jam		New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
Brandywine Hundred	59 Shellburne Dr, Wilmington, Delaware, 19803			New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
Caln Township	46 Marshall Cir, Downingtown, Pennsylvania, 19335		Recurring flooding - flooding hotspot; during moderate and heavy rains, this small stream floods adjacent backyards and homes (nuisance but can cause property damage)	Chester	Pennsylvania	Brandywine Creek	Beaver Creek
Caln Township	1500-1522 Fisherville Rd, Coatesville, Pennsylvania, 19320		Pas site advertised Caln Township Downstream flooding severe - should they be allowed to build?	Chester	Pennsylvania	Brandywine Creek	Beaver Creek
Caln Township	4000-4000 Edges Mill Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	Beaver Creek
Caln Township	3301-3599 Fisherville Rd, Downingtown, Pennsylvania, 19335		Fisherville Road, neighbor's bridges flooding- engineering cost outrageous! Can this be provided?	Chester	Pennsylvania	Brandywine Creek	Beaver Creek
Caln Township	US-30 E, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Caln Township	1102 Iron Ore Ln, Downingtown, Pennsylvania, 19335	Flood		Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Caln Township	1204-2248 Creek Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Caln Township	201-219 Creek Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Caln Township	1947-1947 E Lincoln Hwy, Coatesville, Pennsylvania, 19320		Floods underpass	Chester	Pennsylvania	Brandywine Creek	Valley Run
Caln Township	401-599 Embreeville Rd, Downingtown, Pennsylvania, 19335		Recurring issue - flooding hotspot; heavy rains overwhelm the culvert and water floods over the road (mostly nuisance issue, except during winter when conditions become icy)	Chester	Pennsylvania	Brandywine Creek	Valley Run
Caln Township	S Bailey Rd, Downingtown, Pennsylvania, 19335		Recurring issue - flooding hotspot; underpass floods during heavy rains, shutting down the road and creating a hazard for drivers	Chester	Pennsylvania	Brandywine Creek	Valley Run
Caln Township	Thorndale Marshallton Rd, Downingtown, Pennsylvania, 19335		Recurring issue - flooding hotspot; underpass floods during heavy rains, shutting down the road and creating a hazard for drivers	Chester	Pennsylvania	Brandywine Creek	Valley Run
Caln Township	Pennsylvania Ave, Coatesville, Pennsylvania, 19320		Limited access. Roadway blocked under underpass	Chester	Pennsylvania	Brandywine Creek	Valley Run
Caln Township	308 Moore Rd, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Chadds Ford Township	Beaver Dam Rd, Chadds Ford, Pennsylvania, 19317			Delaware	Pennsylvania	Brandywine Creek	Beaver Creek
Chadds Ford Township	19317, Chadds Ford, Pennsylvania			Delaware	Pennsylvania	Brandywine Creek	Beaver Creek
Chadds Ford Township	1613-1799 Smithbridge Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	1595-1607 Smithbridge Rd, Chadds Ford, Pennsylvania, 19317			Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	19317, Chadds Ford, Pennsylvania			Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	Chadds Ford Twp, Pennsylvania	Flood	during flood events frequently trapped for emergency services. Requesting additional reporting intervals by USGS at stream gages, especially in regards to communication from school districts	Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	96-96 Rocky Hill Rd, Chadds Ford, Pennsylvania, 19317			Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	125-199 Bullock Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	2600-2792 S Creek Rd, Chadds Ford, Pennsylvania, 19317			Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	1847 S Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	19317, Chadds Ford, Pennsylvania			Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek

Municipality	Location	Flood Type	Flooding Details	County	State	WATERSHED	Minor watershed
Chadds Ford Township	Baltimore Pike, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	1645-1651 Baltimore Pike, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	2525-2629 Baltimore Pike, Chadds Ford, Pennsylvania, 19317	Flood	pond flooding over road	Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	1721-1741 Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Brandywine Creek
Chadds Ford Township	1819-1819 S Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	Station Way Rd, Chadds Ford, Pennsylvania, 19317	Flood	Debris jammed in River at SEPTA Bridge at Brandywine Museum of Art	Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	1813-1815 S Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	671-699 Mill Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	1-1805 S Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	17-99 Ring Rd, Chadds Ford, Pennsylvania, 19317	Flood	culvert experiencing flooding with heavy rains, may need to raised over time (CF twp)	Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	1330-1340 Baltimore Pike, Chadds Ford, Pennsylvania, 19317	Flood		Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	101-199 Harvey Ln, Chadds Ford, Pennsylvania, 19317	Flood	overland storMwater run off, loss of topsoil and declined health of beech tree stand	Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Chadds Ford Township	Brandywine Dr, Chadds Ford, Pennsylvania, 19317	Flood	creek innundated	Delaware	Pennsylvania	Brandywine Creek	Harvey Run
Christiana Hundred	1801 Rising Sun Ln, Wilmington, Delaware, 19807	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
Christiana Hundred	101 Stone Block Row, Wilmington, Delaware, 19807	Flood	Frequently during heavy rain storms, the river floods its banks at Breck's Mill. At least once a year the water rises to cover the parking lot. In the past 13 years, the first floor of Breck's Mill has flooded out to the point of business closures 3 time	New Castle	Delaware	Brandywine Creek	Brandywine Creek
Christiana Hundred	1421-1499 Smiths Bridge Rd, Wilmington, Delaware, 19803	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Coatesville	19-99 Summer St, Coatesville, Pennsylvania, 19320	Flood	Ida	Chester	Pennsylvania	Brandywine Creek	Sucker Run
City of Coatesville	149 S Fifth Ave, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	Coatesville, Pennsylvania		Flood 09/21- Ida	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	125 Woodland Ave, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	25-69 S 5th Ave, Coatesville, Pennsylvania, 19320		5th and Olive	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	N 1st Ave, Coatesville, Pennsylvania, 19320	Flood	Urgent	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	536-730 Coates St, Coatesville, Pennsylvania, 19320	Flood	SOS	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	503 Cedar St, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	412 N Eighth Ave, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Coatesville	100-198 Dulles Dr, Coatesville, Pennsylvania, 19320	Flood	Concerned about the impact of flooding if the dense wooded area of up to 75 acres is cleared for the proposed Brandywine View Tri Corner development of 628 homes in the area above and adjacent to Adams Drive, Dulles Drive and Buchanan Drive in Coateswill	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
City of Wilmington	1194-1398 E 7th St, Wilmington, Delaware, 19801			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	I-495 S, Wilmington, Delaware, 19801			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1145 E 7th St, Wilmington, Delaware, 19801		Major floods on 7th Street. 4-7 feet of water	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	E 12th St, Wilmington, Delaware, 19801			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	E 12th St, Wilmington, Delaware, 19801		Before skate park, road and neighborhood under grade	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	19801, Wilmington, Delaware			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1557-1599 E 12th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1483-1499 E 12th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1404-1438 E 12th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	Howard R Young Correctional Institution			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1304-1398 E 14th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	19802, Wilmington, Delaware			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	901-999 E 12th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	901-999 E 12th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1201-1269 Northeast Blvd, Wilmington, Delaware, 19802	Debris Jam	On 9.2.21, the 11th St Bridge Community was devastated by the flood that was caused by the impact of Hurricane Ida. Over 200 families were affected in a matter of a few hours. As of 3.21.24, recovery is ongoing	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	N Claymont St & E 15th St, Wilmington, Delaware, 19802		On 9.2.21, the 11th St Bridge Community was devastated by the flood that was caused by the impact of Hurricane Ida. Over 200 families were affected in a matter of a few hours. As of 3.21.24, recovery is ongoing	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1111 E 14th St, Wilmington, Delaware, 19802	Debris Jam	I bought my home in 2020 and did not realize I am in the area that constantly floods if ÇÖve been impacted severely. Anytime it rains because of where my house is, I get anxiety I worry that wef ÇÖre going to flood and more property will be damaged in the	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1316-1342 N Heald St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1101 E 14th St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1105 E 14th St, Wilmington, Delaware, 19802	Debris Jam	On 9.2.21, the 11th St Bridge Community was devastated by the flood that was caused by the impact of Hurricane Ida. Over 200 families were affected in a matter of a few hours. As of 3.21.24, recovery is ongoingf Çª	New Castle	Delaware	Brandywine Creek	Brandywine Creek

Municipality	Location	Flood Type	Flooding Details	County	State	WATERSHED	Minor watershed
City of Wilmington	1330 Thatcher St, Wilmington, Delaware, 19802	Debris Jam		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1101 E 14th St, Wilmington, Delaware, 19802	Debris Jam	On 9.2.21, my family and I were directly impacted by a devastating flood caused by Hurricane Ida. We lost everything on our first level, which was under 6 ft. of water, our two cars, and we experience anxiety and trauma when it rains, etc. While we had	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	Northeast Blvd, Wilmington, Delaware, 19802		On 9.2.21, the 11th St Bridge Community was devastated by the flood that was caused by the impact of Hurricane Ida. Over 200 families were affected in a matter of a few hours. As of 3.21.24, recovery is ongoing	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	701-799 E 14th St, Wilmington, Delaware, 19802		Quarry	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	700 Vandever Ave, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1601 Jessup St, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	441-497 Glen Ave, Wilmington, Delaware, 19802			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1021 Gilpin Ave, Wilmington, Delaware, 19806	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1622-1798 S Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	501-1001 N Park Dr, Wilmington, Delaware, 19802	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1002-1002 N Park Dr, Wilmington, Delaware, 19802	Debris Jam		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	498-1000 N Park Dr, Wilmington, Delaware, 19802	Debris Jam		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1-93 E 29th St, Wilmington, Delaware, 19802		- When NE floods safe evacuation routes don't exist, only 202 generally b/c all other routes blocked by flood waters - Also no emergency services or police - residents left on their own for survival	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	I-95 S, Wilmington, Delaware, 19806	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	I-95 N, Wilmington, Delaware, 19806	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	Home Instead Senior Care			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1800-1882 N Broom St, Wilmington, Delaware, 19802	Flood	22ft flood sewage, lost our ground floor of our condo	New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1462-1598 N Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	Augustine Cut Off, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	2 Mill Rd, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	1908-1922 N Park Dr, Wilmington, Delaware, 19806			New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	A Rd, Wilmington, Delaware, 19803	Flood		New Castle	Delaware	Brandywine Creek	Brandywine Creek
City of Wilmington	Christiana Ave, Wilmington, Delaware, 19801	Flood	Intersection of Christiana Ave and Heald St flood with heavy rainfall	New Castle	Delaware	Christina River	Christina River
City of Wilmington	E 4th St, Wilmington, Delaware, 19801	Flood		New Castle	Delaware	Christina River	Christina River
City of Wilmington	3006-3198 N Heald St, Wilmington, Delaware, 19802			New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
City of Wilmington	Northeast Blvd, Wilmington, Delaware, 19802	Flood		New Castle	Delaware	Delaware River	Matson Run-Shellpot Creek
Downingtown Borough	211 Stuart Ave, Downingtown, Pennsylvania, 19335		open space naturalizing opportunities	Chester	Pennsylvania	Brandywine Creek	Beaver Creek
Downingtown Borough	Downingtown, Pennsylvania		I believe the bridges in Downingtown create a bottleneck for flood water.	Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Downingtown Borough	230 Brandywine Ave, Downingtown, Pennsylvania, 19335	Flood	Ida flooded to about 240.5fÇÖ amsl based on a licensed surveyor.	Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
Downingtown Borough	132 Brandywine Ave, Downingtown, Pennsylvania, 19335		Ida	Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Bradford Township	19382, West Chester, Pennsylvania		encourage residents to not mow to edge of stream	Chester	Pennsylvania	Brandywine Creek	Blackhorse Run
East Bradford Township	501-575 Riverbend Ln, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
East Bradford Township	436-498 Cottage Ln, West Chester, Pennsylvania, 19382			Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
East Bradford Township	1101 Telegraph Rd, West Chester, Pennsylvania, 19380	Debris Jam		Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Bradford Township	1247-1305 Downingtown Pike, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Bradford Township	1010 Valley Creek Rd, West Chester, Pennsylvania, 19380		I own 11 acres (in a flood plain, on a conservation easement) along Valley Creek Rd, crossing Harmony Hill Rd. I live in an old mill that was converted into a home. The County Bridge (#278) on Harmony Hill has an active gas line attached to it that get	Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)
East Bradford Township	1151-1159 Valley Creek Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)
East Bradford Township	1186-1200 Valley Creek Rd, Downingtown, Pennsylvania, 19335	Flood		Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)
East Bradford Township	Valley Creek Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)
East Bradford Township	1181-1197 Allerton Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
East Brandywine Township	19335, Downingtown, Pennsylvania	Flood		Chester	Pennsylvania	Brandywine Creek	Beaver Creek
East Brandywine Township	401 Nortland Dr, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	Beaver Creek
East Caln Township	19335, Downingtown, Pennsylvania			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Caln Township	2521-2557 Creek Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Caln Township	359-387 Norwood Rd, Downingtown, Pennsylvania, 19335		Failing culvert	Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
East Fallowfield Township	3400-3600 Doe Run Church Rd, Coatesville, Pennsylvania, 19320	Flood	Buck Run overflows the banks during heavy rain showers and washes out road and farm infrastructure (fence lines and pasture)	Chester	Pennsylvania	Brandywine Creek	Buck Run
East Fallowfield Township	11 Park Ave, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	Buck Run

Municipality	Location	Flood Type	Flooding Details	County	State	WATERSHED	Minor watershed
East Fallowfield Township	102-104 Mortonville Rd, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
East Fallowfield Township	1785 Goosetown Rd, Coatesville, Pennsylvania, 19320	Flood	Ida	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
East Marlborough Township	521-599 N Mill Rd, Kennett Square, Pennsylvania, 19348		Road flooding mill rd red clay. Pemberton and mill re	Chester	Pennsylvania	Red Clay Creek	West Branch Red Clay Creek
Honey Brook Township	824-842 Birdell Rd, Honey Brook, Pennsylvania, 19344		Road flooding	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Modena Borough	22 Meredith Ct, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Modena Borough	1-5 Modena Rd, Coatesville, Pennsylvania, 19320		Union St. bridge caused floodwater back up- consider updating infrastructure	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Newlin Township	650 Brandywine Creek Rd, Coatesville, Pennsylvania, 19320	Debris Jam	Flood plain that operates well, old mills race diverted some flooding	Chester	Pennsylvania	Brandywine Creek	Buck Run
Newlin Township	650 Brandywine Creek Rd, Coatesville, Pennsylvania, 19320		Entire branch of BW backing up due to debris jams	Chester	Pennsylvania	Brandywine Creek	Buck Run
Newlin Township	Newlin Twp, Pennsylvania		There is a large log jam in the Buck Run Creek just upstream of where the Buck Run joins the West Branch of the Brandywine. Once these trees are dislodged they will surely get lodged on the bridge on Brandywine Creek Rd and block the flow of flood water	Chester	Pennsylvania	Brandywine Creek	Buck Run
Newlin Township	1636-1636 Embreeville Rd, Coatesville, Pennsylvania, 19320	Flood	Debris from flood damaged Embreeville Bridge causing damage resulting in the bridge closure for months.	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Newlin Township	2345-2399 Hilltop View Rd, Coatesville, Pennsylvania, 19320		water damage from heavy rainfall and drainage washed out this dirt road causing road closure and requiring remediation	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Newlin Township	999 Brandywine Creek Rd, Coatesville, Pennsylvania, 19320	Flood	Brandywine flooded causing damage to pasture, fences and farm infrastructure and injured horses	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Newlin Township	118-602 Brandywine Creek Rd, Coatesville, Pennsylvania, 19320		The recent flood have deposited trees and limbs blocking the bridge on Brandywine Creek Rd.	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Newlin Township	115-115 Brandywine Creek Rd, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
Pennsbury Township	3900-4284 S Creek Rd, Chadds Ford, Pennsylvania, 19317	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pennsbury Township	19382, West Chester, Pennsylvania			Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pennsbury Township	2700-2722 Brintons Bridge Rd, West Chester, Pennsylvania, 19382			Chester	Pennsylvania	Brandywine Creek	Pocopson Creek
Pocopson Township	2086-2088 W Street Rd, West Chester, Pennsylvania, 19382		Pocopson vet station	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township	W Street Rd, West Chester, Pennsylvania, 19382	Flood	remaining debris, potential future debris jams	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township	1160-1164 Pocopson Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township			Location of significant amount of remaining debris from the Brandywine Picnic Park	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township	1336-1336 Lenape Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township	Lenape Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township		Flood	House from a ~1/4 mile upstream across the creek from Shaw's Bridge Park, full of window a/c units and a CRT, landed on islands near Brandywine Picnic Park.	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township			Household hazardous waste comingled with debris on island near Brandywine Picnic Park. Hazardous wastes included CRTs, Isocyanate spray foam insulation tanks, oils, and refrigerators.	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township			Ammunition scattered in sediment on island just north of Brandywine Picnic Park. I collected ~30 lbs. of brass and took to the West Chester Police Dept. for disposal.	Chester	Pennsylvania	Brandywine Creek	Brandywine Creek
Pocopson Township	6 Tullamore Dr, West Chester, Pennsylvania, 19382		HOA stormwater basin, additional over land stormwater flooding on steep	Chester	Pennsylvania	Brandywine Creek	Pocopson Creek
Pocopson Township	918-976 Denton Hollow Rd, West Chester, Pennsylvania, 19382	Flood		Chester	Pennsylvania	Brandywine Creek	Pocopson Creek
Sadsbury Township	3368-3388 E Lincoln Hwy, Parkesburg, Pennsylvania, 19365			Chester	Pennsylvania	Brandywine Creek	Buck Run
Upper Uwchlan Township	19335, Downingtown, Pennsylvania			Chester	Pennsylvania	Brandywine Creek	Marsh Creek
Upper Uwchlan Township	1-99 Green Valley Rd, Downingtown, Pennsylvania, 19335			Chester	Pennsylvania	Brandywine Creek	Marsh Creek
Valley Township	Valley Rd, Coatesville, Pennsylvania, 19320		Flooding here in heavy rain	Chester	Pennsylvania	Brandywine Creek	Sucker Run
Valley Township	1401-1401 Valley Rd, Coatesville, Pennsylvania, 19320		Road floods regularly during moderate to heavy rain, emergency vehicles are unable to enter or exit the firehouse during these events, leading to no emergency resources available to the surrounding community	Chester	Pennsylvania	Brandywine Creek	Sucker Run
Valley Township	Victory Way of the Cross Community Church			Chester	Pennsylvania	Brandywine Creek	Sucker Run
Valley Township	1 S Park Ave, Coatesville, Pennsylvania, 19320	Flood		Chester	Pennsylvania	Brandywine Creek	Sucker Run
Valley Township	1001 Manor Rd, Coatesville, Pennsylvania, 19320		Urgent! Being cut! replaced roads and roof	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
West Bradford Township	300-324 Northbrook Rd, West Chester, Pennsylvania, 19382			Chester	Pennsylvania	Brandywine Creek	Broad Run
West Bradford Township	1428-1432 Crestmont Dr, Downingtown, Pennsylvania, 19335	Flood		Chester	Pennsylvania	Brandywine Creek	Broad Run
West Bradford Township	1288 Telegraph Rd, West Chester, Pennsylvania, 19380	Flood		Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
West Bradford Township	19380, West Chester, Pennsylvania			Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek

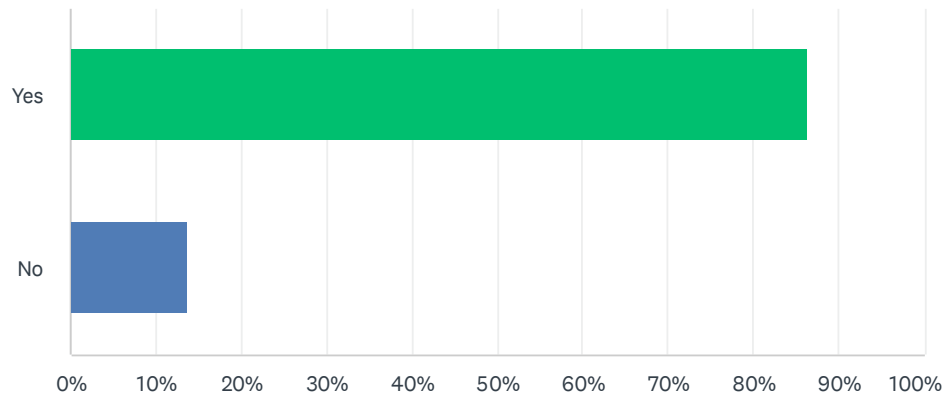
Public Survey

A 22-question survey was developed by Brandywine Conservancy staff and distributed by partners in public platforms such as Facebook, the Brandywine Flood Study website, five public meetings, and 35 public outreach events. The survey garnered 175 responses, and select questions were extracted and developed into posters for interaction with attendees at the public meetings.

Results from both Pennsylvania and Delaware were collected, with participants offering additional comments on site-specific flooding and general flood impacts. The complete results of the survey are included here.

Q1 Is flooding an issue for you?

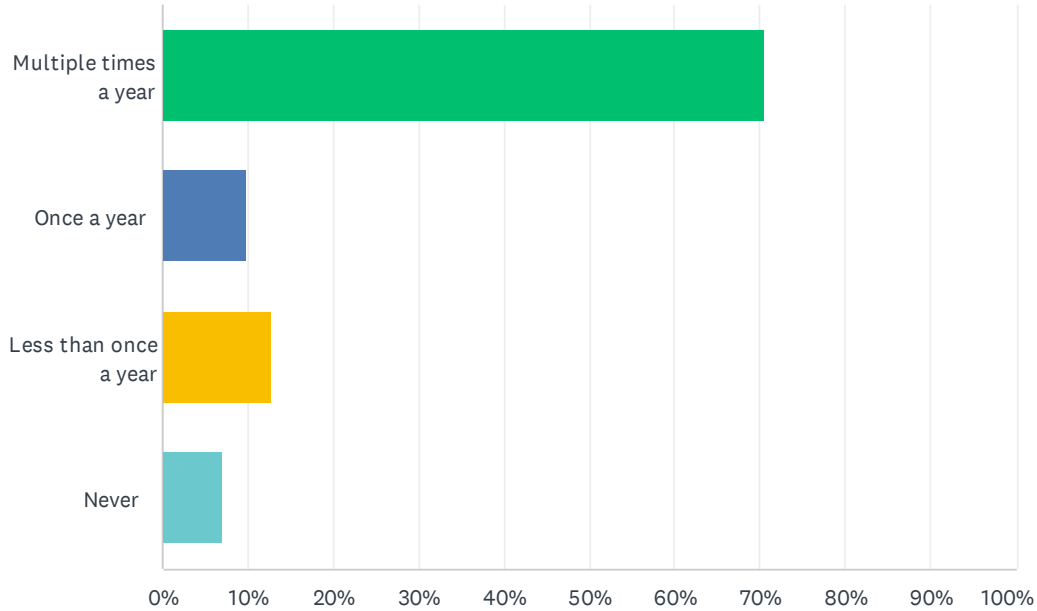
Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	86.36%	152
No	13.64%	24
TOTAL		176

Q2 How often do you experience flooding at your home, workplace or travel within the region?

Answered: 173 Skipped: 3



ANSWER CHOICES	RESPONSES
Multiple times a year	70.52% 122
Once a year	9.83% 17
Less than once a year	12.72% 22
Never	6.94% 12
TOTAL	173

#	PLEASE TELL US MORE ABOUT YOUR SELECTION:	DATE
1	Lloyd park in Downingtown floods every time it rains	8/23/2024 9:45 AM
2	Our basement floods like crazy. We live by the new Pizza Hut so the bottom of the hill & it definitely floods the roads.	8/12/2024 6:46 AM
3	We have had our only storm drain blocked for the past 2.5 years plus. There is no place for the water to go.	8/11/2024 7:15 PM
4	Home is located next to Park Run, a tributary creek of the Brandywine in Downingtown. It often floods the street in front of my house, my driveway, and my property with heavy rainfall. A "river" is often created between my house and the neighbor's.	8/11/2024 5:34 PM
5	Anytime there's a large rain storm, the main roads around my home and work, flood	8/11/2024 1:09 PM
6	We experience flooding in our community often, which makes roads impassable. This affects my ability to go to work and my children to attend school.	8/11/2024 9:11 AM
7	Flooding in the Newlinville area of East Fallowfield after most storms of two inches or more. Runoff from piles of waste continues to enter the Brandywine at the Newlinville Road South	8/11/2024 8:41 AM

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	First Avenue junction.	
8	Flooding has become an issue for me in the area where I live, due to many reasons- one of which I believe is poor planning of communities, where excess rain water just flows into lower lying areas. It is irresponsible to have these communities created with no future thought of where excess rain water will flow, causing many many roads to close and costly damages.	8/11/2024 8:09 AM
9	We never had an issue with severe flooding until Hurricane Ida in September 2021, where major flash flooding wreaked havoc on our property on Horseshoe Pike.	6/28/2024 1:57 PM
10	Brighton Court in Downingtown	6/12/2024 8:22 PM
11	Downingtown Roads are often flooded. When it rains the backyard puddles quickly	6/10/2024 11:11 PM
12	I work in West Chester but live in East Brandywine. During rain events, 322 is impassable to westward travel, as is the Borough of Downingtown generally. Smaller road by my home flood as well limiting travel options. Currently the SWM systems in our neighborhood are working, but they may not always.	5/30/2024 3:19 PM
13	Approximately every two months flooding of varying severity occurs on my property, which backs up to the west branch of the Brandywine.	5/26/2024 6:48 PM
14	Thus far I haven't experienced flooding but always worry that my streets will flood.	5/19/2024 3:06 PM
15	I got flooded out in September, 2nd 2021 lost everything I had me and my daughter, I will never forget	5/3/2024 1:58 AM
16	Any large rain results in flooding in our home	4/30/2024 5:21 PM
17	When I moved here in 1988 there was a small creek behind my house and no flooding. The area is now a big flooded swampy mess. Everything time it pours, the water gets closer to my house. I used to have a garden in the back but had to rip it up because it was constantly under water. Each year, the problem gets worse and worse.	4/23/2024 6:35 PM
18	We've lived in Downingtown for 14 years. In that time, we've had three major flood claims.	4/18/2024 7:30 PM
19	Our basement flooded during the January rainstorms when we lost power and our sump pump couldn't run. Calculating by how many times we dumped our shop vac, we had about 70-75 gallons of water in our basement. Every time we have bad rain, I worry that we will flood again. Water pours off of Hopewell Road, down our driveway, and towards our house.	4/11/2024 4:36 PM
20	I've lived in Downingtown Borough since July 2019. Since that time I've experienced two catastrophic floods (Hurricanes Isaias and Ida) that caused tens of thousands of dollars in damages to my home. I've also experienced smaller flooding issues from "regular" storms and heavy rain throughout the years.	4/3/2024 6:23 PM
21	Close to Ashland nature center on Sharpless Road and 82.	4/3/2024 1:27 PM
22	328 Mary Street Downingtown Pa I could talk for hours about this Area. I don't think its hopeless, just needs focus. It comes from three directions , all at different times. From the west , Beaver creek which drains Caln thorndale east Brandywine. From Rte 30 to the south draining west Downingtown and finally backing up from Kerr park.	4/3/2024 7:35 AM
23	Caln Township. Despite remediation and flood control, I feel the flood areas around a small local creek have simply shifted eastward towards Beaver Creek and eventually the Brandywine.	4/2/2024 6:49 PM
24	I need to drive through Downingtown borough for my kid's school and to get to work. Manor, Lancaster, and Brandywine Avenues, and surrounding streets in the Borough flood often.	4/2/2024 6:23 PM
25	It has gotten worse over the years because of all the over development	4/2/2024 5:21 PM
26	I have property on the Brandywine below Marsh Creek	4/2/2024 4:51 PM
27	We have to improve and maintain various swales to prevent water flow into our basement and to avoid erosion of the gravel portion of the driveway. The saturation from flooding has taken down several trees on the property. We have had to take different routes to get home because of flooding or because of trees or tree limbs falling across the roadways. We've experienced more power outages in recent years. It is best to stay at home during a rain event to avoid the challenges of returning.	4/2/2024 3:00 AM

Brandywine Flood Study

28	The options for this question are poor. How is "Less than once a year" a different from "Never?" Less than one is none, so these two options are the same. And the word should be "fewer" not "less."	4/1/2024 11:48 AM
29	Local stream flooding can force me to alter my route when driving.	3/30/2024 1:46 PM
30	My residence is located in an area that higher than surrounding waterways, so flooding of residence isnt a concern. But to go anywhere, we are impacted by the flooding as all travel routes are impeded.	3/30/2024 8:41 AM
31	I live near the West Branch of the Brandywine and it floods several times a year.	3/29/2024 5:30 PM
32	Recently often.	3/29/2024 4:44 PM
33	I work in Chadds Ford in a building on the river which floods more and more often. The business sometimes must close for safety, and even if the offices are open, getting to work may be hazardous when other roads are flooded - I commute from Wilmington. Additionally, I am a member of the Wilmington Rowing Club. The Brandywine empties into the Christina, and can cause hazardous debris in both channels. Wilmington sewage spillover empties into the river when there is heavy rainfall. Certain intersections in Wilmington are best avoided because they are likely to be impassable due to flooding.	3/29/2024 4:13 PM
34	Severely affected/flooded by Hurricane Ida. Lower floor of our condominium building was completely flooded. Still awaiting repairs.	3/29/2024 3:08 PM
35	Driving to work, there are a lot of puddles or mini ponds of water on the side of roads.	3/27/2024 3:18 PM
36	The repeated flooding of both water and mud at the traffic light in front of the Marriott hotel at 82/30, north of Coatesville is both a mess and dangerous. The casual (careless) planning of large housing projects with seeming little provision for the water run-off. The attitude seems to be, "I'll get the water off our development, where it goes is someone else's problem". The apparent lack of regulation/planning to ensure that surface water mitigation "all the way to the creek" must be the responsibility of the developer is discouraging. Evaluation and approval by amateurs who see \$\$\$ from tax revenues to their "government" is myopic!	3/19/2024 6:47 AM
37	Several times this winter rain storms caused visible streams to flow on our property as water moved through. No damage to structures.	3/15/2024 9:49 PM
38	Flooding at the intersection of Rte 1 and Creek Rd impacts my ability to travel in my neighborhood	3/15/2024 9:30 AM
39	I live close to the intersection of routes 30 & 100. I work on route 30 in exton. Every time it rains it floods. I have been "trapped"at home work multiple times in the past few years.	3/14/2024 10:50 PM
40	Live next to a tributary of the brandywine and it frequently floods my property.	3/14/2024 2:37 PM
41	Between 2019 and 2021, my business was located at 600 Brandywine Ave, Downingtown, PA 19335, situated near the Brandywine River close to the Trestle Bridge. The catastrophic flooding caused by Hurricane Ida wreaked havoc on my life. Rising waters reached a height of 14 feet (or higher), resulting in the complete destruction of all assets, including merchandise and equipment valued at millions of dollars. In the aftermath, significant losses were incurred, necessitating relocation and a restructuring of business operations. Despite these challenges, efforts to recover and rebuild are ongoing. Fortunately, our business hours had concluded for the day, potentially sparing the lives of the employees from the disaster's impact.	3/14/2024 9:43 AM
42	Route 1 along the Brandywine in Chadds Ford and all of the side roads north and west along the Brandywine. These roads are prone to major flooding and being shut down. Sometimes leaving drivers stranded on the flooded roads.	3/13/2024 9:57 PM
43	Years ago when Snyder Ave was repaved they pitched the street so the water now comes onto our properties rather than towards the creek. We get flooding every rain and have to spend money on regrading our property.	3/13/2024 3:46 PM
44	It's getting so bad that our school system (UCFSD) has had to cancel school.	3/13/2024 10:16 AM
45	Route 82 south of the route 30 bypass floods during heavy rain. This will often make getting into my community (Hillview) via Butterworth Road difficult if not impossible.	3/7/2024 3:58 PM
46	My daily drive is from Coatesville to Exton via Blackhorse Hill to Route 30 Bypass at Reeceville Road. I exit the bypass at Lancaster Ave (Business Route 30). Once one Lancaster	3/7/2024 8:41 AM

Brandywine Flood Study

Avenue, I travel to the Oaklands Corporate Park. Rain events flood many of the roads that I travel on; alternate road for me would be taking Route 30 dromedary Exton to Downingtown, to Thorndale before arriving in Coatesville. During 2021 event I left work early but was told to avoid the bypass so I took Lancaster Ave. Made it past Kerr Park and noticed how high flood waters were. After slowly making it past the train station, it was slow going before getting turned around as water rescue vehicles made their way toward Thorndale. I could not get back to my office because Downingtown was now under water. Took me 4-1/2 hours to make my 10.5 mile trip. The only way into our development is from Coates Street between 3rd and 4th Avenue behind the Coatesville Train Station. Both of these low laying areas flood during major rain events. I have also seen the mud slides on Route 82 near the bypass during many of the more recent rain events.

47	The River has overflowed into our pastures 3x this fall, which is certainly more than in past years. The erosion is actually much worse this year than previous years due to large rainfalls where the river is flowing very fast but not actually overflowing it's banks.	3/6/2024 5:06 PM
48	Several times flooding on Rt 82 near the Coatesville exit and Marriott Courtyard hotel causing the roads to flood and prompted travel restrictions. Also similar occurrences with overflow from woodland onto Butterworth Road.	3/6/2024 10:46 AM
49	Route 82 flooding	3/5/2024 8:02 PM
50	Access roads to our home are often flooded - small streams first and then the Brandywine.	3/4/2024 5:22 PM
51	1104 Allerton Road, West Chester, PA	3/2/2024 8:42 AM
52	My home and property are not affected, but road closures are more frequent, especially on South Creek Road, affecting my ability to travel for groceries, gas, etc. Flooding also causes more fallen trees, which block roads.	3/2/2024 8:21 AM
53	My neighborhood has excellent drainage/absorption. Never flooded in almost 48 years.	3/1/2024 8:49 PM
54	the roads are flooded and damaged in an around our neighborhood. This has resulted in numerous detours, road closures, and at times no access to and from the neighborhood	3/1/2024 11:43 AM
55	Harmony Hill Rd floods frequently down to the bridge crossing West Valley Creek. The creek frequently floods in Bird Milliken's yard and house and our yard and historic springhouse Occasionally during very heavy rains our basement floods even though we have French drains in our basement	2/29/2024 11:54 AM
56	I have had multiple feet of water in my basement 4 times in the last 4 years. The smallest amount was approximately 2.5 feet and the highest amount was up to the ceiling of the basement (approximately 7 feet).	2/28/2024 7:27 PM
57	I live on Webb Road in Chadds Ford and am impacted by small stream flooding on Webb Road and the closing of Route 1 in Chadds Ford village.	2/27/2024 8:28 AM
58	It depends on the year, but it has been an issue of concern for my workplace for a long time. We are a nonprofit and flood insurance is not within our budget. We worry about how future floodings will threaten our collection.	2/26/2024 10:26 AM
59	Living on Webb Road in Chadds Ford we have two areas of the road that flood with standing during heavy rains and seasonal thunderstorms. Under the same conditions we encounter standing water on several roads including Baltimore Pike, North and South Creek Roads, and Ring Road when commuting for work or household errands.	2/23/2024 2:38 PM
60	Increasingly, heavy rainfalls result in drainage runoff on the farm, across the pasture. There are raised water sheds with rising water springs, water across the end of my driveway/diverts from culvert. In terms of buildings, increased water volume overwhelms my gutters and results in water in the basement which is causing masonry damage.	2/21/2024 4:37 PM
61	Business at intersection of 926 and Pocopson Road.	2/21/2024 3:28 PM
62	I live in Johnstown, precinct 190, West Downingtown South. Flooding affects us in some way 6+ times a year.	2/21/2024 1:55 PM
63	The only flooding we experienced here at The Falls was during one Hundred Year Flood, and it did not cause any damage to the property.	2/19/2024 10:55 AM
64	I live off of Creek Rd in Chadds Ford and my ability to leave my home/ return to my home is	2/13/2024 3:54 PM

Brandywine Flood Study

	impacted when flooding occurs.	
65	We live on the Buck Run just upstream of the West branch of the Brandywine. The River has jumped its banks and flooded our property 3x this winter. The erosion of the stream bank has recently increases precipitously.	2/13/2024 5:24 AM
66	I care about what happens when the Brandywine floods. This study is critical. I am fortunate not to have had any impact but I live in Chadds Ford and care about my community. I also went to the U of D and am so glad they are involved in the study.	2/11/2024 7:30 PM
67	We live near the Brandywine Creek and although our home has not flooded, neighboring homes have and we are concerned.	2/9/2024 10:28 PM
68	December 18,28 & January 10 flooded Rt.100 south(Creek Road) which residents were impacted.	2/9/2024 2:39 PM
69	It only happened the one time since living in this area, but I want to be assure that the correct water drainage is being considered and worked on in this area because we know about the why?	2/9/2024 7:09 AM
70	We experienced extensive flooding during Ida and came close to a breach of our condo flood wall a few weeks ago after the rains.	2/8/2024 6:09 PM
71	My home, the exit to my home(Exit 3, Twelfth St.), Governor Printz Blvd where I shop.	2/8/2024 5:27 PM
72	Since the Paul Laurence Dunbar Elks Lodge was located in the area, building has sustained by being flooded twice and losing everything in the building twice.	2/8/2024 5:24 PM
73	Hurricane Ida was biggest impact from rising waters but no flood damage to my home.	2/8/2024 4:57 PM
74	Representing East Bradford Township parks, I can say that several of our parks include floodplain areas along the Brandywine and its tributaries that experience flood events that impact our infrastructure and public use.	2/8/2024 3:52 PM
75	I live on the Brandywine at the Falls and have not had an issue with my residence flooding or computing.	2/8/2024 11:46 AM
76	We have experienced 2 big rainstorms a few weeks ago where streets were closed off and my basement had gotten wet.	2/8/2024 11:23 AM
77	Fix Chadds ford	2/8/2024 9:27 AM
78	I own 11.5 acres that includes the upper portion of Harvey Run Creek by Route 202 & 1, which feeds the Brandywine Creek. Prior to 1988, we never had issues with the stream. After the Painters Village shopping center was built, we have experienced enormous damage to our property, to include American Beech trees that survived and grew for decades now falling as all of the top soil has eroded away. The Brandywine Conservancy Cahill Report of 1988 stated what we already knew, the developers illegally filled in wetlands. Now, every time there is a 1 inch rainstorm, we always experience high runoff issues. Painters Crossing condominiums are just downstream from us and they now experience flooding from major storms as well.	2/7/2024 2:47 PM
79	I grew up in Caln Township and now live in the Downingtown borough. Falling in the floodplain of the Great Valley put me at the forefront of major flood events, especially Hurricane Ida. During this, an old chestnut (not American to my knowledge) came down, just barely missing our house. I now live on the banks of the Brandywine, and flood events have interrupted work and school with power outages, travel hazards, etc.	2/7/2024 11:50 AM
80	Traveling route 1 when it's floods is a problem. This effects me and several of my employees traveling to get to work in Glen Mills.	2/7/2024 10:26 AM
81	It depends upon weather conditions, rainfall, snows, building projects, road work. I live in a low lying area along the Brandywine.	2/7/2024 9:11 AM
82	Mainly Route 1 by the conservancy as well as Route 202 Southbound across from Wegmans just south of the Rt 1 / 202 intersection.	2/7/2024 7:11 AM
83	I manage the Natural Lands' ChesLen Preserve. We have experienced frequent flooding along the Brandywine Creek and its tributaries.	2/6/2024 6:13 PM
84	With each rainfall, I experience heavy flooding in the backyard making it difficult to retrieve receptacles for pickup from the City.	2/5/2024 3:34 PM

Brandywine Flood Study

85	I recently moved back to the Brandywine River corridor after living in southern Chester county for a number of years. The degree of flooding which occurs has increased markedly in the time since I last lived here.	2/5/2024 9:41 AM
86	My street floods with every heavy rain. My home sits up far enough on the street that water seeps up through my basement floor, but rarely collects.	2/1/2024 7:02 PM
87	We live in an old (circa 1770) farm house. Over the past several years we have seen an appreciable increase in storm water run-off. We have lived in our house for 36 years and had not had any issues with flooding until 2021. In June of that year, we experienced a tropical storm that overtook our property and then in September, Hurricane Ida completely overwhelmed our property and destroyed 2 walk bridges and 1 vehicle bridge on our property. In the past ~8 years we have experienced a vast increase in storm water run-off after two housing developments were built across the street and next door to us. Storm water management of these developments is poor and because of this, the road that we live on gets flooded during heavy rainstorms, making for unsafe driving and consequent flooding onto our property.	1/24/2024 9:58 AM
88	Flooding along the Brandywine impacts my travel in the Chadds Ford area along creek road, and at the Smithbridge river crossing. Since I've moved to Chadds Ford in 2020, flooding has impacted travel plans and route finding multiple times a year. Chadds Ford Elementary was cut off from Rt 1 in Fall 2023 resulting in hour delay in dismissal	1/23/2024 10:28 PM
89	I have personally not experienced flooding in my home, but a few blocks down for me. They're flooding issues a close relative of mine experiences however, she lives off of of Cobbs Creek in Philadelphia, and she has experience too bad floods In her home in a span of 30 years.	1/23/2024 2:58 PM
90	Every time it rains we are afraid of being flooded out we just had a bad rain storm last week and the water was very high	1/22/2024 10:02 PM
91	The main road past our home driveway is impassable for more than 12 hours several times per year. This prevents us from going to work, medical appointments and other commitments. In addition we own a commercial office property in Chadds Ford that sustains property/building damage approximately once every 4 years.	1/22/2024 8:59 PM
92	I live near prison it floods anytime it rains and scares ne.	1/22/2024 6:41 PM
93	Governor Printz on corner before 12th street Bridge..also in front of Gander Hill Prison	1/22/2024 5:13 PM
94	Flooding on 12th Street cuts off ramp to 495 north and south	1/22/2024 4:58 PM
95	I actually live near the Brandywine Zoo but own a property in the Northeast area of Wilmington. But my friends who live in the flood areas suffered loss. I am very concerned about all of my neighbors who have experienced flooding and would like to foster awareness and help to solve flooding problems with the experts who have the knowledge to do it.	1/22/2024 4:30 PM
96	This a great way to communicate with the community	1/22/2024 4:30 PM
97	Our neighborhood is prone to flooding due to poor drainage. The water has nowhere to go. We have waterproofed our basement so the flooding is less frequent than it used to be, however, Willistown Township is allowing so much development on my little street I'm afraid we will be having to start sandbagging our house. We just watched the property on the corner (3/4 acre) lose 10 mature trees in order for two houses to be added to the existing house. I am actually considering a move out of Chester County because of all of development that has happened in our area. What used to be a quiet peaceful neighborhood sitting next to a watershed, has turned into a noisy nightmare.	1/22/2024 2:03 PM
98	Once every five to ten years at the business.	1/22/2024 1:07 PM
99	Multiple times per year I experience flooded conditions that have increased since a development was installed on my street	1/22/2024 12:57 PM
100	The flooding over Ring Road is so dangerous, especially when it's icy. I've slid off the road once and almost hit a township sign. My husband and daughter were almost hit by an oncoming car trying to avoid an icy patch on Ring. Surely there must be a way to manage the water coming down the hill on the way to the Kuerner farm property. It's not safe to allow it to wash over Ring Road as happens now.	1/22/2024 8:19 AM
101	Our DRs office is in Concordville. We live in Landenberg. In order to get to DR we have to	1/20/2024 11:30 AM

Brandywine Flood Study

cross the Brandywine @ChaddsFord. Last month we needed to get to a critical appointment as my dad had an infection & was having an allergic reaction to medication. There was heavy rain prior to travelling in there. As we crossed the Brandywine the road was just starting to flood. When we were coming home the S bound side of Rt1 had closed to a foot of water in it with more pouring into the roadway. PennDot made people drive thru it like that. It flooded again this month as well.

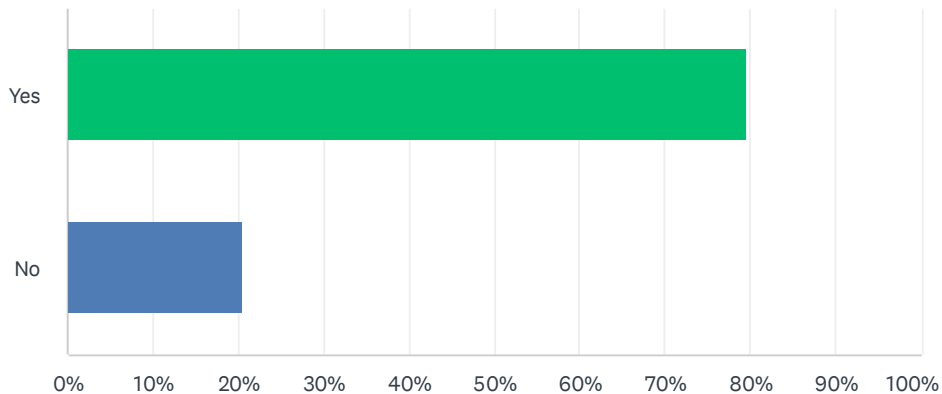
102	We experience flooding of roads in Chester County only after very heavy rain storms which seem to be coming more frequently.	1/19/2024 7:47 AM
103	My house generally is fine bc we live on top of a hill but the region floods frequently. Cheslen preserve floods often, Downingtown where we have to drive through to get to 202 floods often etc	1/18/2024 9:55 PM
104	I have to detour around flood areas at least twice a year.	1/18/2024 9:07 PM
105	I don't experience flooding, but a ditch behind my house fills with water during heavy rains. The water erodes the banks of the ditch, and the hemlocks planted there are falling into the ditch. I've tried to control the erosion by live staking and planting Carex and shrubs, but the erosion continues.	1/18/2024 9:06 PM
106	I am downstream from the Hillview development in Valkey township. We never experienced major flooding until this development was built and Valkey township says nothing is wrong.	1/18/2024 8:41 PM
107	Regular flooding of roadway in heavy rain.	1/18/2024 6:50 PM
108	Our backyard backs into the creek by East Ward Elementary. The creek floods multiple times per year and causes a lot of anxiety for myself and my neighbors. My basement continuously gets wet	1/18/2024 6:21 PM
109	The Brandywine lines our backyard. We can't store anything in our basement. We were heavily effected by Hurricane Ida, having to completely gut our first floor.	1/18/2024 6:20 PM
110	Roads along the Brandywine are flooded and sometimes no barriers mark the flooding.	1/18/2024 6:12 PM
111	The Brandywine passing flood stage has caused me to change travel plans several times. I had to find alternate routes to my doctor's appointments, even though I added 30 minutes to my commute.	1/18/2024 5:28 PM
112	It never used to flood until so many houses were/are being built. It's hard to get to stores or doctors appointments, because of flooding.	1/18/2024 5:09 PM
113	We live near West Valley Creek, a feeder to Brandywine creek. Multiple times a year if floods our yard and our basement	1/18/2024 4:46 PM
114	Runoff from an adjacent farm field and wooded area sometimes crosses our residential property.	1/18/2024 4:42 PM
115	Rising water in the basement	1/18/2024 3:22 PM
116	Our flooding problems were caused by PADOT filling in the floodway with illegal riprap in 2014, and the raising the road surface elevation during resurfacing by 10 to 12 inches since 1983, causing ponding. Hurricane Ida blew out the illegal riprap and we have prevented PADOT from having any more being dumped. We are no longer being flooded during every rain event.	1/13/2024 7:11 PM
117	I have a sump pump because of the spring under my townhouse. My townhouse is on a hill, so we do not usually worry about flooding in our homes. But I worry about the constant road closures, bridges damaged around me	1/13/2024 3:49 PM
118	Where I live and work are not impacted directly by flooding, commuting to and from can be impossible. When there are flood warnings, we stay home or leave work early to make for a safer commute.	1/13/2024 10:42 AM
119	I live near a floodway.	1/12/2024 7:17 AM
120	During periods of consistent rain, our basement takes in water. We have a French drain and a sump pump to prevent floods but our basement has flooded twice- once during a power outage that happened overnight as we slept, another time there was power but the pipe from the pump through the outside wall froze solid, so the water being pumped up had nowhere to go and resulted in our sump pump essentially pumping water INTO the basement overnight.	1/12/2024 7:03 AM

Brandywine Flood Study

121	Pocopson township over the bridges next to Ace Haedwear on 926 and over the picnic park of rt 52 that the Brandywine river runs underneath floods with bad storms once a year, the travel rt 1 would take on rt 1 at the intersection of the old Hanks place frequently floods even with moderate storms	1/12/2024 6:12 AM
122	The business section of Downingtown and surrounding homes is terrorized by the the forecasting of any type of rain event. Many times in the past 20 years of the business I am associated with flooding has created havoc and loss. During Ida the business lost everything with 5 feet of water inside. Great financial hardship and also emotional. No electric for a month, total renovation. No federal assistance. It was thought that the Marsh Creek Dam was improperly maintained and caused most of it. Coupled with the ridiculous amount of building allowed in the area at no thought for existing homeowners or business owners, we all feel that is the problem.	1/12/2024 5:23 AM
123	The street right in front of my business floods often. The basement of my business floods. My building received severe damage to it from Hurricane Ida.	1/11/2024 10:11 PM
124	Our business is in Breck's Mill on the Brandywine River in Wilmington. We were hit hard during Ida and have high water in the parking lot a few times a year and a disrupted flood every few years.	1/11/2024 4:56 PM
125	I am on the west branch of the Brandywine just below Modena in Mortonville. The amount of flooding that we have experienced in just the last 15 years has been exacerbated by the clear cutting of woodlands and covering of permeable surfaces with mega developments. Townships don't care, they take the money, and they seek to reap the tax dollars at any expense, including to those of us who live on older properties along this historic waterway.	1/11/2024 3:42 PM
126	I travel between East Fallowfield, Newlin, West Bradford, Unionville, Kennett, Pocopson pet sitting and farming sitting every day	1/11/2024 2:44 PM
127	A run-off stream runs through our property, and we struggle to manage the force of the water. Erosion has become an issue. Routes around nearby neighborhoods and my work are often impacted by flooding.	1/11/2024 2:30 PM
128	Flooding in downingtown happens often - near Johnstontown and Kerr park. Also, small creeks overflow near my kids school (west Bradford) and under the overpasses along route 30. Atleast 1-3X year, traffic and roadways are effected in my travel route.	1/10/2024 8:54 AM
129	BRANDYWINE HARDWARE FLOODED WITH 28" FOR FIRST TIME EVER. HURRICANE FLOYD DID NOT INTRUDE IN OUR STORE.	1/9/2024 2:47 PM
130	Creek road is between our home and child's school	1/1/2024 8:12 PM
131	Live in Downingtown and the Brandywine overflows both in the center of town , and along its tributaries in the west end of the boro	12/29/2023 12:53 PM
132	The road at the bottom of our floods during major rain storms, making it unsafe to leave our neighborhood. Thankfully, our house is on high ground and not in danger of flooding. Another intersection with a major road down the street from us also floods during heavy storms. An important bridge was also made unsafe due to flood damage and took about a year to replace.	12/27/2023 2:25 PM
133	Experience is with travel difficulties during flood events in and around the Downingtown area.	12/21/2023 11:22 AM
134	At least a few times per year, flooding will impact the routes I take for work or to access childcare. Roadway flooding due to undersized culverts, stream flashiness, and drainage issues at low points like bridge underpasses creates problems at least a few times a year.	12/20/2023 3:26 PM
135	1 mile of west branch traverses our property. East Penn RR Trestle crosses the river on our property. The Treatle Bridge is >100 yrs old and was not built with water flow as a consideration.	12/18/2023 5:38 PM
136	As homeowners and residents in the Northeast area of Wilmington, DE, our family (and community) were impacted by the devastating effects of Hurricane Ida on 9.2.21. Since then, we've been working to recover and have formed the Eleventh Street Bridge Community Long Term Recovery Group, Inc., a local affiliate of the Delaware VOAD. We are partnering with faith-based, local, and national agencies to restore our community...still!!!	12/18/2023 6:05 AM
137	Flooding can effect my route to work	12/14/2023 6:49 PM
138	I live on top of a hill so not much flooding. Occasionally in my basement after a heavy rainfall.	12/13/2023 4:04 PM

Q3 Does flooding affect your ability to travel for work, recreation, entertainment and essential services like food and medical care?

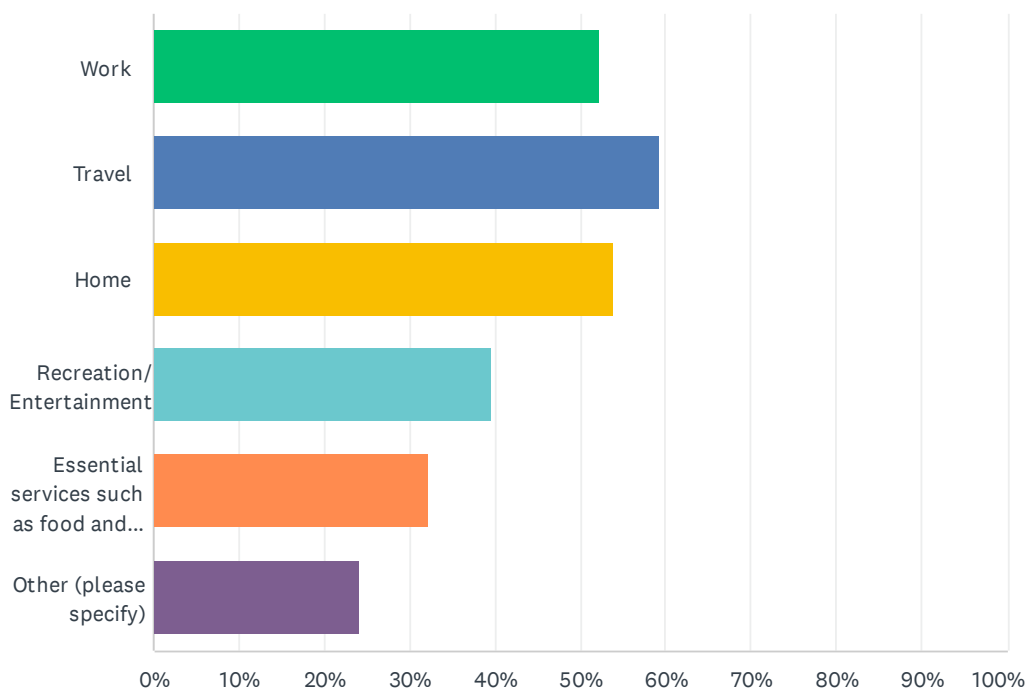
Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	79.55%	140
No	20.45%	36
TOTAL		176

Q4 In what ways are you impacted by flooding, check all that apply:

Answered: 174 Skipped: 2



ANSWER CHOICES	RESPONSES
Work	52.30% 91
Travel	59.20% 103
Home	54.02% 94
Recreation/ Entertainment	39.66% 69
Essential services such as food and medical care	32.18% 56
Other (please specify)	24.14% 42
Total Respondents: 174	

#	OTHER (PLEASE SPECIFY)	DATE
1	Our backyard use to be a source of peace and joy. It is now a swamp. We have lost 11 trees. We cannot cut our grass. An increase of insects and God knows what sits in our yard. There is no enjoyment at all.	8/11/2024 7:15 PM
2	Items stored in shed and basement ruined due to flooding.	8/11/2024 5:34 PM
3	Travel	8/11/2024 8:41 AM
4	During flooding I can not get I to my street at times	6/12/2024 8:22 PM
5	Can't use surrounding roads in heavy rain because they flood out. Can't sit on my deck long because the mosquitoes have gotten so bad due to the swamp. My road was so flooded one day my car got stuck in it and filled with water. It was totaled.	4/23/2024 6:35 PM

Brandywine Flood Study

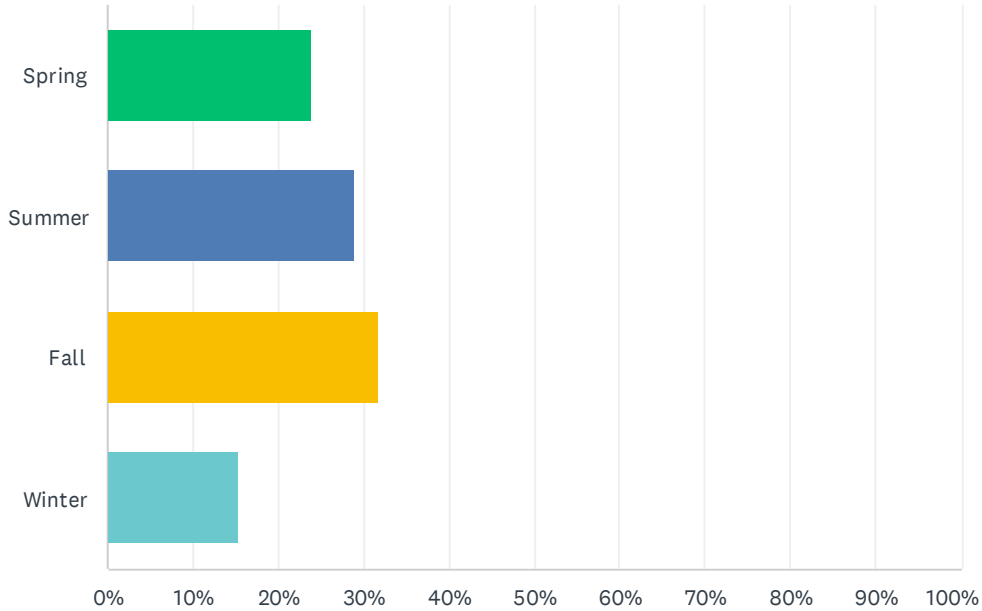
6	\$\$\$	4/3/2024 7:35 AM
7	Almost lost a Range Rover on rt 282	4/2/2024 4:51 PM
8	Majority of our travel requires crossing the Brandywine at some point. The RT 52 becomes quite busy as traffic builds.	3/30/2024 8:41 AM
9	Emergency services for my town (fire, ambulance) are on the other side of the Brandywine. If it is a severe flood it will delay transit to my home. Also some roads damaged several years ago are being repaired now; another road near me remains closed since the bridge was damaged.	3/29/2024 5:30 PM
10	Lost vehicles	3/14/2024 2:37 PM
11	Having spent my entire life in Downingtown, most of my daily needs naturally revolve around this locality.	3/14/2024 9:43 AM
12	See above	3/13/2024 3:46 PM
13	Downingtown west little league suffers thousands of dollars of damage every year	3/13/2024 1:42 PM
14	School	3/13/2024 10:16 AM
15	When the Buck Run/West branch of the Brandywine overflows it's banks it very often covers Brandywine Creek Rd in both directions from our home. We have often not been able to get out or in to our farm for several hours at a time. The river bank erosion along our driveway threatens to take our driveway out in the not too distant future.	3/6/2024 5:06 PM
16	Death of livestock	3/2/2024 8:42 AM
17	The Brandywine River at Rt. 1, Rt. 100 and Rt. 926 is a frequent problem for travel to and from West Chester.	3/1/2024 8:49 PM
18	The bridge at the corner of Harmony Hill Rd and Valley Creek is closed during hard rains Plus depending on the rain intensity and volume we may not be able to use Harmony Hill Rd.	2/29/2024 11:54 AM
19	Not impacted at all and I live right on the Brandywine.	2/19/2024 10:55 AM
20	Our driveway gets covered by the river. The horse fencing gets washed away, there is a lot of debris, trees and kinds that get left behind once the river goes back down. The clean up after each flood is major.	2/13/2024 5:24 AM
21	We can no longer operate like a nonprofit organization . Which involves doing activities for the community.	2/8/2024 5:24 PM
22	Ability to travel impacted by flooded roads throughout area	2/8/2024 4:57 PM
23	I'm not affected by flooding.	2/8/2024 11:46 AM
24	Post-development flooding has destroyed several acres of my property, to include shifting and collapsing the streambanks, causing large majestic trees to topple due to soil erosion, and making areas of my property unusable for anything owing to the degraded landscape.	2/7/2024 2:47 PM
25	Nearby streets often flood preventing easy passage and road closures	2/7/2024 9:11 AM
26	I was coming home from errands and the whole area Gander was flooded I had to drive over a 1 to get back home	2/5/2024 11:31 PM
27	Fortunately our property does not flood. At the present time flooding most affects my commute to work at certain times of year. We do regularly use local parks such as the Brandywine to mountain bike, and so recreation is sometimes impacted as well.	2/5/2024 9:41 AM
28	Since Governor Prince floods so easily, it is difficult for me to get to grocery stores like the Food Lion.	1/23/2024 2:58 PM
29	And fear that we might get flooded in again and lose everything we worked hard to get from the last flood we had in 2021 we lost everything our home and more I'm still starting over	1/22/2024 10:02 PM
30	Our office property incurs damage approximately once every 4-5 years to varying degrees.	1/22/2024 8:59 PM
31	12 th street exit closed every time there's heavy rain	1/22/2024 4:58 PM
32	Good	1/22/2024 4:30 PM

Brandywine Flood Study

33	Ingress and egress from our home due to road closures	1/22/2024 8:38 AM
34	We've gotten a little water in my basement but generally don't get flooding bc we live on top of a hill. But I worry about erosion on the hill, which we are already seeing. Also trees towards the bottom of the hill have fallen and we love the trees behind our house. The trees also scare me/ feel dangerous during rain	1/18/2024 9:55 PM
35	I'm losing the hemlocks planted next to the ditch behind my house due to erosion.	1/18/2024 9:06 PM
36	We cannot leave our house unattended as we never know when we will be impacted.	1/18/2024 8:41 PM
37	Volunteer at Brandywine River Museum and they have had to cancel events and we lost our critter supplies, workshop and completed critters intended for sale in December.	1/18/2024 6:12 PM
38	Ability to earn a living, loss of goods	1/12/2024 5:23 AM
39	To tend to my mother	1/11/2024 2:44 PM
40	WE EMPLOYEE 28 AT THE STORE. FT AND PT.	1/9/2024 2:47 PM
41	Child's school for activities such as sports practice	1/1/2024 8:12 PM
42	Due to flooding, we lost time from work (I, an educator, and my husband works for a private company). We lost all of our belongings that were damaged by the flood, and, while we had flood insurance, we faced many unrealized restrictions on our coverage. We lost both vehicles, food, electricity, etc. Due to the emotional stress and trauma, along with limited access and resources, we were unable to travel in the days and months post flood. We were able to secure food from agencies who helped in the days following. Our home is still in need of repair.	12/18/2023 6:05 AM

Q5 Regarding flooding, what time of year is more detrimental to your residence, business or ability to travel? Select one choice.

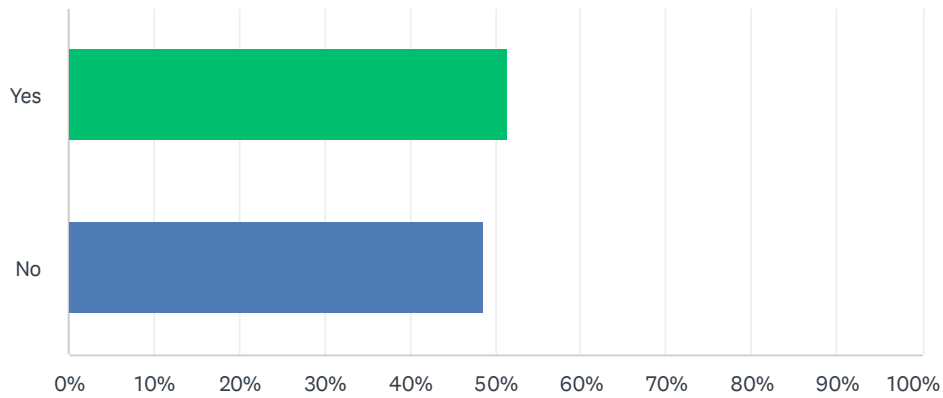
Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Spring	23.86%	42
Summer	28.98%	51
Fall	31.82%	56
Winter	15.34%	27
TOTAL		176

Q6 Have you experienced property damage due to flooding?

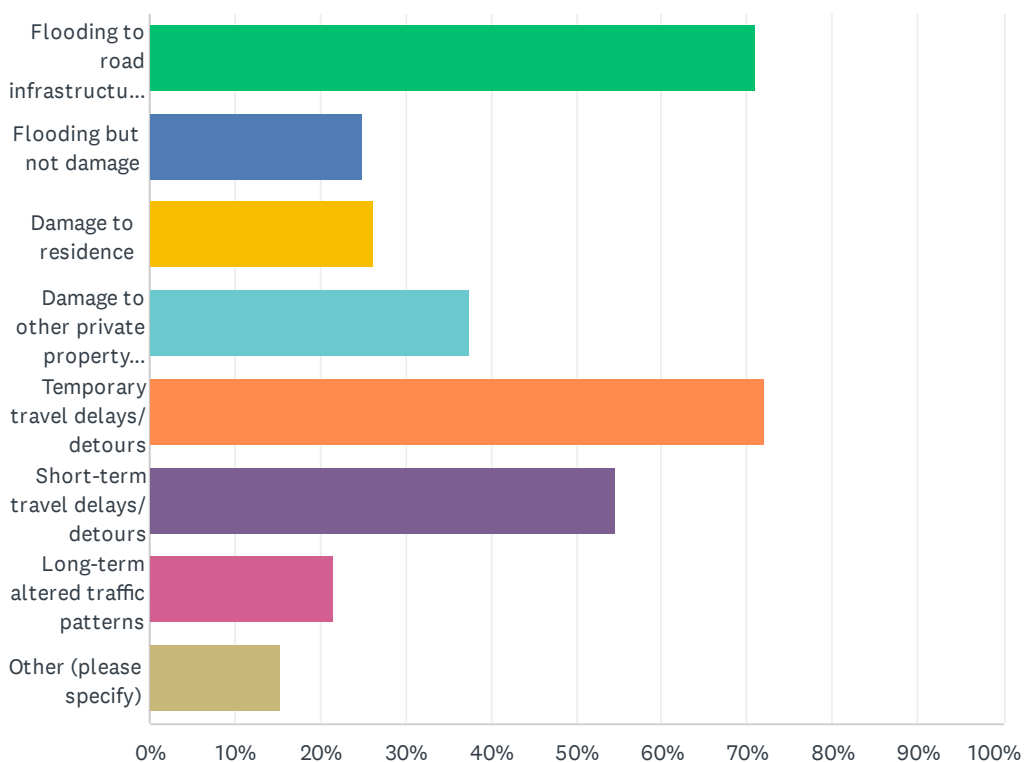
Answered: 173 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	51.45%	89
No	48.55%	84
TOTAL		173

Q7 In what ways have you experienced flood impacts?

Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES
Flooding to road infrastructure, private property and residence	71.02% 125
Flooding but not damage	25.00% 44
Damage to residence	26.14% 46
Damage to other private property (vehicles, landscaping, other personal property (boats, trash cans, etc.))	37.50% 66
Temporary travel delays/ detours	72.16% 127
Short-term travel delays/ detours	54.55% 96
Long-term altered traffic patterns	21.59% 38
Other (please specify)	15.34% 27
Total Respondents: 176	

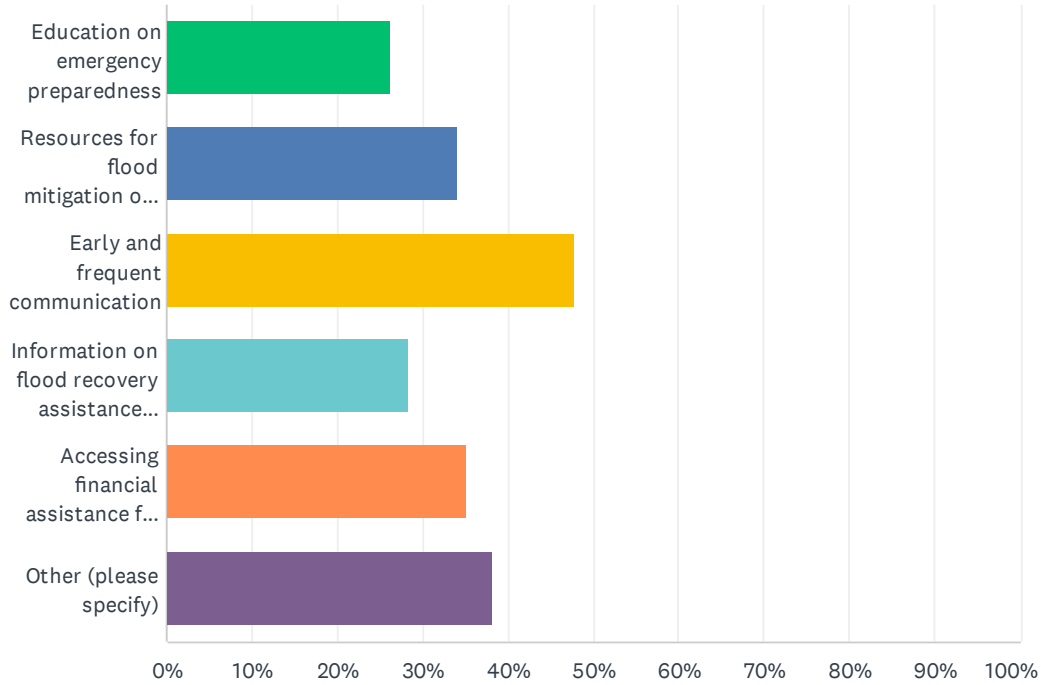
#	OTHER (PLEASE SPECIFY)	DATE
1	We have over 50k in property damage. It increases with every storm.	8/11/2024 7:15 PM
2	Barricades either not placed in a timely manner or people driving around them ignoring the danger. This causes water displacement by the vehicles that makes the flooding worse on the surrounding properties.	8/11/2024 5:34 PM
3	When the back and creek next to us over flows it creates issues for travel for safety and other	6/12/2024 8:22 PM

Brandywine Flood Study

	issues	
4	N/A	6/1/2024 7:12 AM
5	Same as above answers.	4/23/2024 6:35 PM
6	Living in East Brandywine township often means we will be prevented from getting home from work if there has been bad rain all day or over a period of days. During the late summer/early fall 2023 storms, Manor Ave, Wallace/Creek Road, and Dorlan Mill were all closed and we could only get to our house by driving up towards Honeybrook and coming down 322 from the north.	4/11/2024 4:36 PM
7	Quality of life Property depreciation	4/3/2024 7:35 AM
8	Township engineers seems to profit off flood events	4/2/2024 4:51 PM
9	Choice one selected re: road infrastructure, but not the private property. The "and" eliminates a choice for road infrastructure.	3/19/2024 6:47 AM
10	I live near business 30. In the past few years we have had several storms which flood the train underpasses in Downingtown, Thorndale, and Coatesville. While our property has never been affected because we live up on the hill it creates a real problem when we try to leave because we have to drive out to Parksburg in order to cross business 30.	3/14/2024 2:00 PM
11	Business/Work	3/14/2024 9:43 AM
12	The amount of debris that gets left on our property once the river recedes is excessive and requires a lot of work to clean it up. The flood has taken out fence posts and fencing, has moved one of our horse run in sheds and as noted above causes travel delays when we are unable to get in or out of our property	3/6/2024 5:06 PM
13	Death of livestock	3/2/2024 8:42 AM
14	Losing everything around and in the area and in the building . Personal information like pictures memorabilia and some important documents. Appliances. And clothing.	2/8/2024 5:24 PM
15	I haven't experienced any problems.	2/8/2024 11:46 AM
16	We have lost tenants and personal and business property because of flooding.	1/22/2024 8:59 PM
17	N/A	1/22/2024 6:41 PM
18	Good	1/22/2024 4:30 PM
19	Business loss for hours, days, and in the case of Ida, months.	1/22/2024 1:07 PM
20	Erosion, downed trees I have a well and I don't know if I should be worrying about contaminated run off from heavy rains getting to it	1/18/2024 9:55 PM
21	Loss of trees in my backyard due to erosion.	1/18/2024 9:06 PM
22	We were displaced for four and a half months during Hurricane Ida. We are now coming to the realization that flooding in Downingtown is not just a summertime issue, but year round.	1/18/2024 6:20 PM
23	N/A	1/13/2024 10:42 AM
24	It ruined my building of my business. It floods in the basement of my business then the building smells.	1/11/2024 10:11 PM
25	We had to finance \$20,000 in electric line repairs, due to us being a "farm lane" and PECO wouldn't repair it, even though the company that finally came out said by federal law PECO had to because they have monopoly on private electric	1/11/2024 2:44 PM
26	SIGNIFICANT DAMAGES TO OUR STORE AND THE HOUSED USPS. 28" OF MERCHANDISE, SHELVING, DRYWALL, AND ALL ELECTRICAL AND COMPUTER EQUIPMENT. 1/3 OF INVENTORY WAS LOST AND SIGNIFICANT FEED LOSSES IN OUR WAREHOUSE. POWER EQUIPMENT, GRILLS, PET AND HORSE SUPPLIES.	1/9/2024 2:47 PM
27	Our streets and roads, especially 12th St., floods frequently and causes delays and travel detours to get home/to work from the 495 N and S on/off ramps. We also experience flooding along Northeast Blvd. which causes hydroplaning.	12/18/2023 6:05 AM

Q8 How can your local government most support you prior, during, and after hazardous events? (Select up to 3)

Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES
Education on emergency preparedness	26.14% 46
Resources for flood mitigation on my property	34.09% 60
Early and frequent communication	47.73% 84
Information on flood recovery assistance programs	28.41% 50
Accessing financial assistance for rebuilding resiliency	35.23% 62
Other (please specify)	38.07% 67
Total Respondents: 176	

#	OTHER (PLEASE SPECIFY)	DATE
1	FOLLOW THE Stormwater Management Ordinance and ALL Building/Zoning Codes.	8/11/2024 7:15 PM
2	More timely barricades when the road floods. People continue to try to drive through and even move barricades to drive through making the flooding on our surrounding properties worse from the water displacement by the vehicles.	8/11/2024 5:34 PM
3	Replace all pipelines and drains so flooding doesn't happen	8/11/2024 1:09 PM
4	Stop building and preserve more open space to help absorb rainfall. Repair Downingtown storm drainage and sewer systems so they don't back up during heavy rains	6/10/2024 11:11 PM
5	Need more research	6/1/2024 7:12 AM

Brandywine Flood Study

6	Acquire funds to address failing or poorly maintained SWM facilities in residential areas. Most HOAs do not have the capital reserve to address these issues.	5/30/2024 3:19 PM
7	Help with housing us when we get flooded out	5/3/2024 1:58 AM
8	Water management from roadways would be a massive help. Permeable pavement or storm drains on Hopewell at the low points would greatly reduce the amount of water coming onto our property. Additionally, education or assistance for installing French drains and any landscaping that can help manage or deter water away from our homes would also help!	4/11/2024 4:36 PM
9	Flood mitigation not just for my property but for all of Downingtown and surrounding communities.	4/3/2024 6:23 PM
10	Stop developers from routing floodwater to "anywhere but here". Require developer regulations to be more stringent than the current 100 year flood maps.	4/3/2024 1:27 PM
11	Regional coordinator It is the biggest issue in Downingtown	4/3/2024 7:35 AM
12	Comprehensive planning and infrastructure improvements	4/2/2024 6:23 PM
13	Eradicate all developers and reverse the damage done	4/2/2024 5:21 PM
14	Audit the water resources board members . Contact the PA AG's office for current investigation status Identify the 24 fake UPI lots within the Brandywine River and verify who using them and for what purpose.	4/2/2024 4:51 PM
15	Raising awareness on the impact of development on flooding. Planning for climate changes and flooding.	3/29/2024 5:30 PM
16	Ensuring that zoning codes are followed or improved to prevent worsening the problem with new construction, roadwork, or other structural changes that cause issues with runoff, drainage, etc.	3/29/2024 4:13 PM
17	BETTER PLANNING REG REGULATIONS TO ENSURE DEVELOPERS ARE RESPONSIBLE TO MANAGE THE WATER ALL THE WAY TO THE CREEK.	3/19/2024 6:47 AM
18	They need a plan for flood walls and barriers for existing property not constantly expanding housing	3/15/2024 7:36 PM
19	create better drainage of flood water from the wetlands next to the Rte 1 bridge in Chadds Ford	3/15/2024 9:30 AM
20	Stop building along Route 30.	3/14/2024 10:50 PM
21	Improvements to local infrastructure to mitigate flooding conditions in the entire community	3/14/2024 2:37 PM
22	Fix the issues	3/13/2024 10:33 PM
23	Notification of roads that are shut down due to flooding. Better support on the highways when flooding is happening to get vehicles off the road as quickly as possible.	3/13/2024 9:57 PM
24	Storm water management plans need to be evaluated MORE when government agencies are reviewing new developments. Development was recently approved in Caln Township. The main route to the development just off of Business Route 30 is one that historically floods so let's put another 120 homes there which would need to exit via the flooded underpass. Developer is currently proposing 266 apartments and 372 townhouses in the existing Elmwood Complex and it not proposing any other entrances and exits. If approved and built, we have potential for another 1,300+ vehicles trying to get into the Development with the one entrance that floods between 3rd and 4th Avenue via Coates Street behind the Coatesville train station. They are proposing building 266 apartments on the side of the hill. Will clearcutting the side of the 8 acre parcel lead to more water pooling at the 3rd Avenue location?? More mud slides like we see on Route 82??	3/7/2024 8:41 AM
25	Determine why Marsh Creek Reservoir was dumping water during Hurricane Ida which created a Brandywine River crest that was 5 feet higher than any other in recorded history	3/2/2024 8:42 AM
26	Recognize that increasing development along the Brandywine is causing increased rain runoff into the creek. The development seems to be higher near Downingtown.	3/2/2024 8:21 AM
27	Reconstruction of roadways that are consistently flooded during rainstorms and snow melt.	3/1/2024 8:49 PM
28	repair roads in a scientifically sound manner. the fixes to date have been a complete waste of	3/1/2024 11:43 AM

Brandywine Flood Study

money resulting in putting more engineering structures- rocks and baskets on the banks and not incorporating natural stream channel design or other mechanisms.

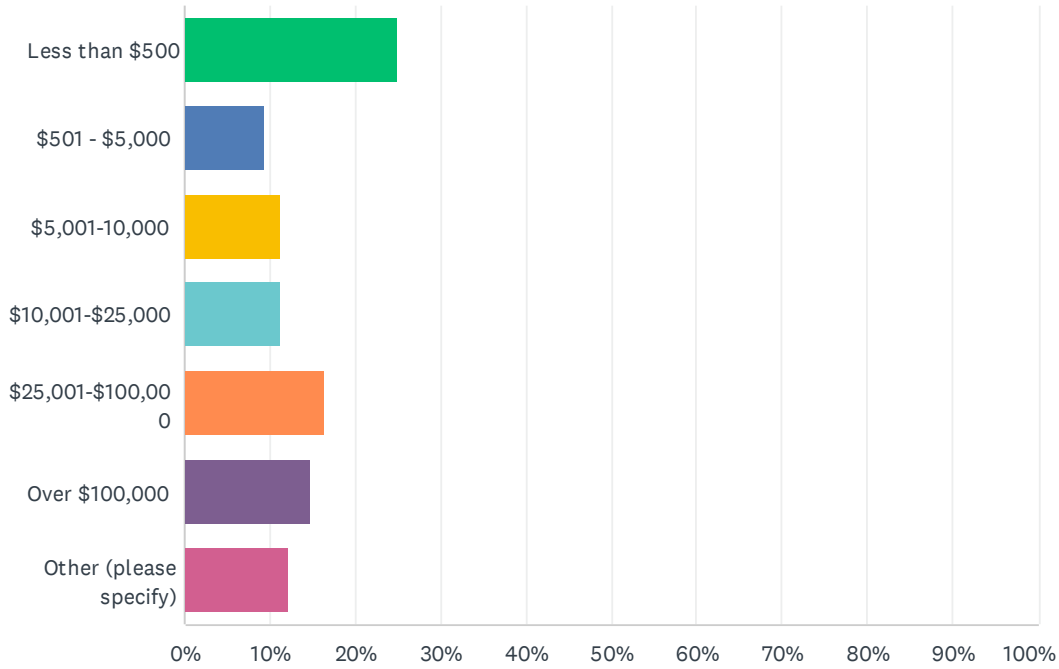
29	Make meetings more accessible through Zoom or other easily available technology	2/29/2024 11:54 AM
30	Figuring out a prevention solution: water diversion infrastructure, limiting development when possible, planting more trees in the area, etc.	2/28/2024 7:13 PM
31	Both Penn DOT and the Pennsylvania State Police do not provide secure barriers for flooded areas. A lack of signage, stable barriers, and regular police patrols increase traffic problems and chaos during periods of flooding.	2/23/2024 2:38 PM
32	Address the real flooding issues and make improvements to keep residences from being flooded. Do not spend time and money on false contributors to flooding like removing upstream waterfalls.	2/19/2024 10:55 AM
33	Better flood mitigation efforts	2/13/2024 3:54 PM
34	If Penn Dot keeps the bridges free of in debris the flooding would be a bit less.	2/13/2024 5:24 AM
35	Plant grasses and other plants that can help mitigate flooding, city planning, building code updates to prevent building or tear down in certain areas	2/11/2024 12:26 PM
36	Flood mitigation all along Brandywine Creek to prevent the kind of flooding experienced in Sep 2021 during Hurricane Ida.	2/9/2024 10:28 PM
37	Proactive effort, risk assessment & mitigation, extra long term planning. don't allow the sale/development of what will not withstand or last the next Ida.	2/8/2024 9:39 PM
38	Funds for helping with financial burdens that was caused by the storm. That made us get behind on our financial obligations.	2/8/2024 5:24 PM
39	Would like to see more flood infrastructure put in place to protect low lying communication I the current flood plain.	2/8/2024 4:57 PM
40	It's always beneficial to have as much advance notice of flooding as possible.	2/8/2024 11:46 AM
41	Recognize that allowing development, and filling in remaining wetlands by Route 202 and 1 will create a very dangerous flooding situation for Harvey Run Creek, which flows through Painters Crossing Condominiums before feeding the Brandywine Creek	2/7/2024 2:47 PM
42	Proactive land use planning and conservation to minimize or reduce future flooding.	2/5/2024 9:41 AM
43	Curbing development along the Brandywine.	2/1/2024 7:02 PM
44	Storm water management to include adequate functioning storm water retention basins for the two adjacent housing developments	1/24/2024 9:58 AM
45	Fixing the problems on the - drainage and roads.	1/24/2024 7:05 AM
46	I found ReadyChesCo to be a valuable resource for getting updates and communications particularly in regards to flood prediction and extreme weather. I would like to encourage DelCo to deploy a similar system.	1/23/2024 10:28 PM
47	Have some where stable for us to go if we should flood out again this is a nightmare I'm not over the first flood every time see rain I get scared	1/22/2024 10:02 PM
48	We need zoning to improve run-off and flood mitigation in the Brandywine watershed. We believe that the embankment of the former railroad line in Chadds Ford impounds flood water instead of letting it flow to floodplain areas south of Chadds Ford. We need governmental action to remove this embankment.	1/22/2024 8:59 PM
49	Good	1/22/2024 4:30 PM
50	Quit developing.	1/22/2024 2:03 PM
51	Manage the dams north of us. The 2021 flood in Chadds Ford was caused by very poorly planned dam water releases at a bad time.	1/22/2024 1:07 PM
52	Addressing drainage at known problem areas to eliminate or reduce flooding	1/22/2024 8:38 AM
53	Fix the flooding on Ring Road.	1/22/2024 8:19 AM

Brandywine Flood Study

54	Do more to keep the Brandywine from flooding RT 1. It is an interstate highway.	1/20/2024 11:30 AM
55	Infrastructure improvements. Funding and technical support for drainage engineering. Rain garden installation. Funding and technical support for flood savvy landscaping. More proactive tree management on roadways!!! Many roads in area are small and tree tunnels but are used fairly often by all surrounding residents	1/18/2024 9:55 PM
56	Manage (reduce) building on floodplains, and require (with penalties for non compliance) builders to adequately prepare for runoff management.	1/18/2024 9:07 PM
57	FEMA buyout program approval.	1/18/2024 6:20 PM
58	Local government needs to be proactive in building climate resiliency in their infrastructure and also requiring development to include better storm water management to handle the increased rainfalls our region is experiencing. There also should be better notification of possible flood events. Too often the news and weather forecasts flooding, but it is usually minor. How can we better notify the public of truly serious, life threatening flooding.	1/18/2024 6:12 PM
59	Require that water detention ponds/basins be large enough to insure no increase runoff from construction.	1/13/2024 7:11 PM
60	I	1/12/2024 6:12 AM
61	Intersection always floods, barricades are not put up soon enough, tractor trailers fly through the water sending waves into the business	1/12/2024 5:23 AM
62	Stop building developments everywhere! Stop cutting down the trees! Come up with something that can help to stop the flooding of the East Branch Brandywine Creek!	1/11/2024 10:11 PM
63	Stop developing and leave natural areas to manage stormwater.	1/11/2024 6:10 PM
64	Eradicate ALL DEVELOPERS AND TEAR DOWN ALL DEVELOPMENTS BUILT AFTER 1970. DEVELOPERS ARE THE PROBLEM, THEY DOMESTIC AND ENVIRONMENTAL TERRORISTS	1/11/2024 2:44 PM
65	I'd love for work to be done encouraging people to use native plants and landscaping as well as reducing turf grass areas --all of which are flood mitigators.	1/11/2024 2:30 PM
66	Not over building or over developing Help with restructuring storm water management	1/10/2024 8:54 AM
67	Supporting this Flood Study, and pertinent mitigation efforts, which is absolutely necessary due to the impact of climate change and the effects that recent weather events are causing.	12/18/2023 6:05 AM

Q9 Are you willing to share information about your financial losses due to flooding in the last ten years, if yes, please select the ranges of economic loss below that depicts your situation. If no, please skip to the next question.

Answered: 116 Skipped: 60



ANSWER CHOICES	RESPONSES	
Less than \$500	25.00%	29
\$501 - \$5,000	9.48%	11
\$5,001-10,000	11.21%	13
\$10,001-\$25,000	11.21%	13
\$25,001-\$100,000	16.38%	19
Over \$100,000	14.66%	17
Other (please specify)	12.07%	14
TOTAL		116

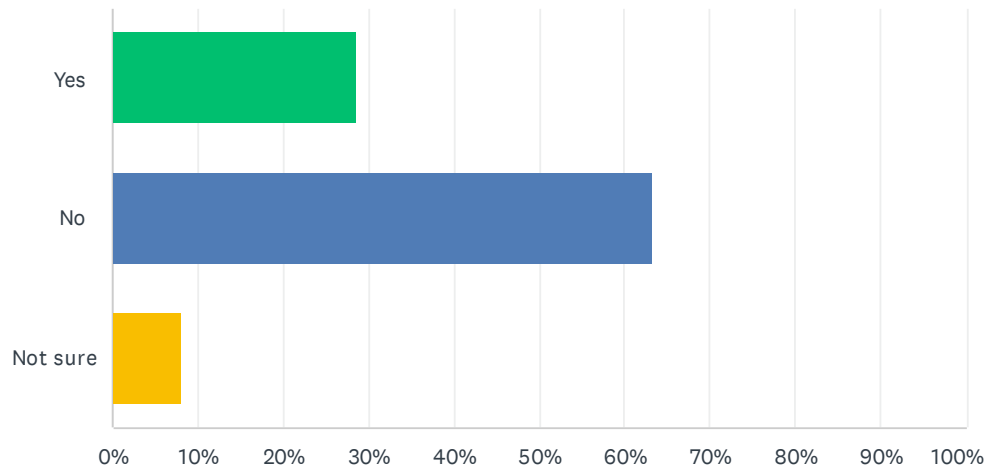
#	OTHER (PLEASE SPECIFY)	DATE
1	Car	4/23/2024 6:35 PM
2	N/A	3/27/2024 3:18 PM
3	None	3/13/2024 10:33 PM
4	none	3/1/2024 8:49 PM

Brandywine Flood Study

5	It is heard to accurately estimate damages because the most serious flooding events and damage involve wind damage. Assigning a specific cost factor to flooding is complicated.	2/23/2024 2:38 PM
6	0	2/19/2024 10:55 AM
7	I don't have any	2/5/2024 11:31 PM
8	0	2/5/2024 9:41 AM
9	\$0	1/18/2024 5:09 PM
10	Ok At this time, I have not had a financial loss, just interrupted work and life essentials.	1/13/2024 10:42 AM
11	Not willing to share	1/12/2024 8:27 AM
12	Business is rented, owner of property does not maintain flood insurance since he owns outright.	1/12/2024 5:23 AM
13	we lost in the high 6 figures. we did not have insurance since the prior owner and all prior creek history had kept high water on the other side of the RR dike.	1/9/2024 2:47 PM
14	NOTE: This is not the net loss (after insurance). We believe it is important to understand the full, financial impact that this particular event (9.2.21 flooding).	12/18/2023 6:05 AM

Q10 Do you have flood insurance?

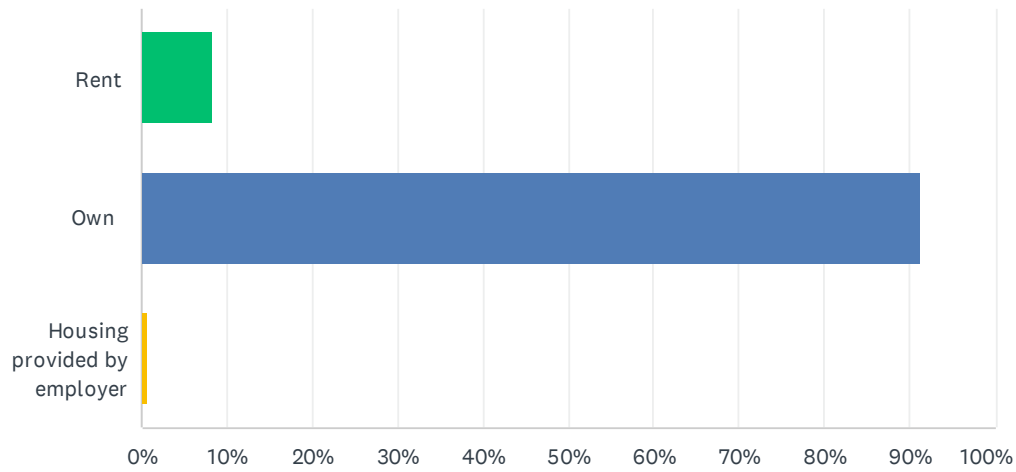
Answered: 175 Skipped: 1



ANSWER CHOICES	RESPONSES	
Yes	28.57%	50
No	63.43%	111
Not sure	8.00%	14
TOTAL		175

Q11 What housing option best fits your situation?

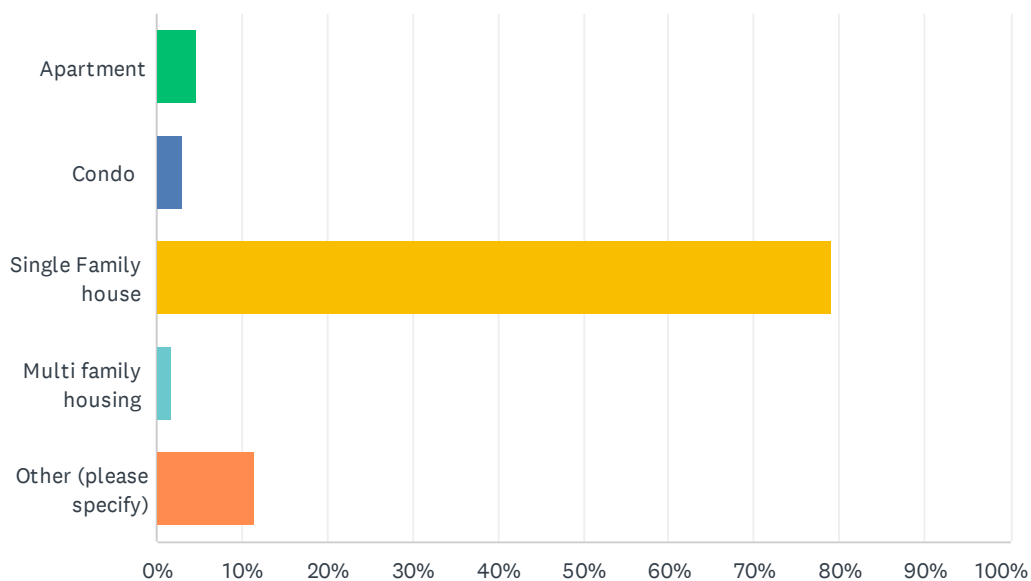
Answered: 170 Skipped: 6



ANSWER CHOICES	RESPONSES	
Rent	8.24%	14
Own	91.18%	155
Housing provided by employer	0.59%	1
TOTAL		170

Q12 Housing type:

Answered: 173 Skipped: 3



ANSWER CHOICES	RESPONSES	
Apartment	4.62%	8
Condo	2.89%	5
Single Family house	79.19%	137
Multi family housing	1.73%	3
Other (please specify)	11.56%	20
TOTAL		173

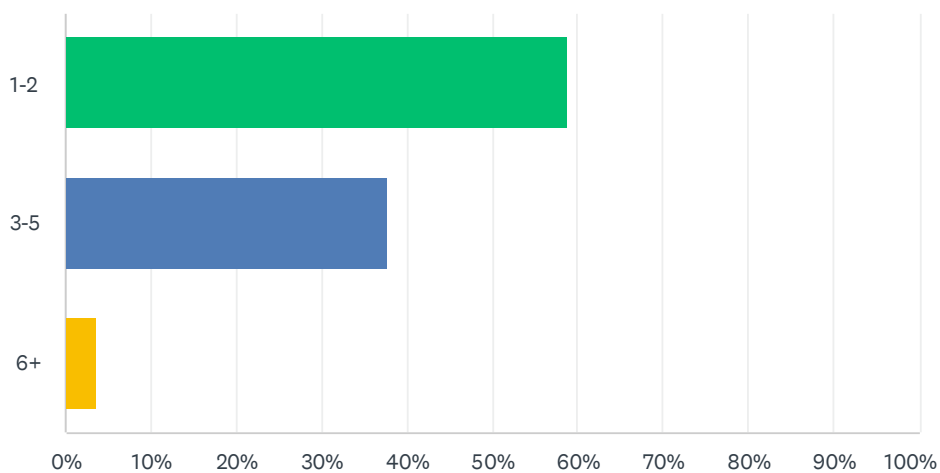
#	OTHER (PLEASE SPECIFY)	DATE
1	Duplex	8/12/2024 6:46 AM
2	Townhouse	6/12/2024 8:22 PM
3	Homeless	6/1/2024 7:12 AM
4	Townhouse	4/23/2024 6:35 PM
5	"fits"? maybe "describes"	3/19/2024 6:47 AM
6	Row home	3/14/2024 9:20 AM
7	I live with my niece, she is the home owner	3/7/2024 8:41 AM
8	Farm	3/2/2024 8:42 AM
9	Townhome	2/9/2024 7:09 AM
10	Townhouse	2/8/2024 5:27 PM
11	Warehouse style turn into Lodge	2/8/2024 5:24 PM

Brandywine Flood Study

12	Non-residential infrastructure for public parks	2/8/2024 3:52 PM
13	Duplex	2/5/2024 11:31 PM
14	Row house; connected to other single family homes.	1/24/2024 12:03 PM
15	Commercial property	1/23/2024 9:28 AM
16	Townhouse	1/13/2024 3:49 PM
17	Business, apartments above	1/12/2024 5:23 AM
18	I live in a renovated wheelwright shop from the 1800s	1/11/2024 3:42 PM
19	twin	12/29/2023 12:53 PM
20	Townhouse	12/18/2023 6:05 AM

Q13 How many people reside at the same location?

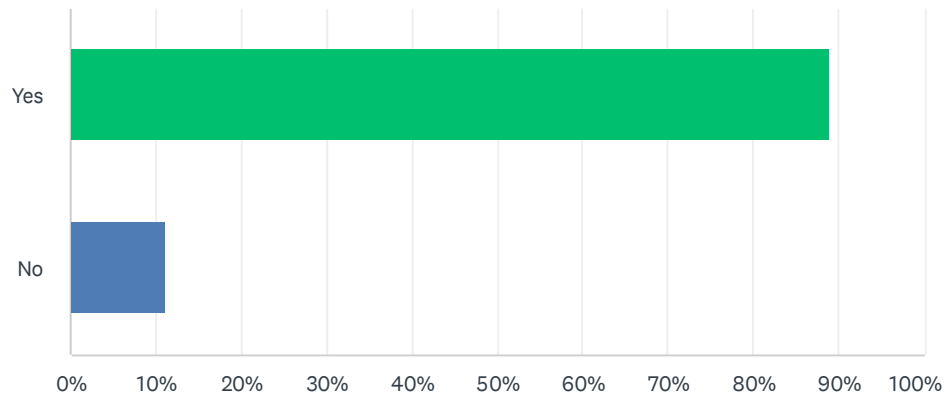
Answered: 170 Skipped: 6



ANSWER CHOICES	RESPONSES	
1-2	58.82%	100
3-5	37.65%	64
6+	3.53%	6
TOTAL		170

Q14 Would you consider signing up for a flood alert system?

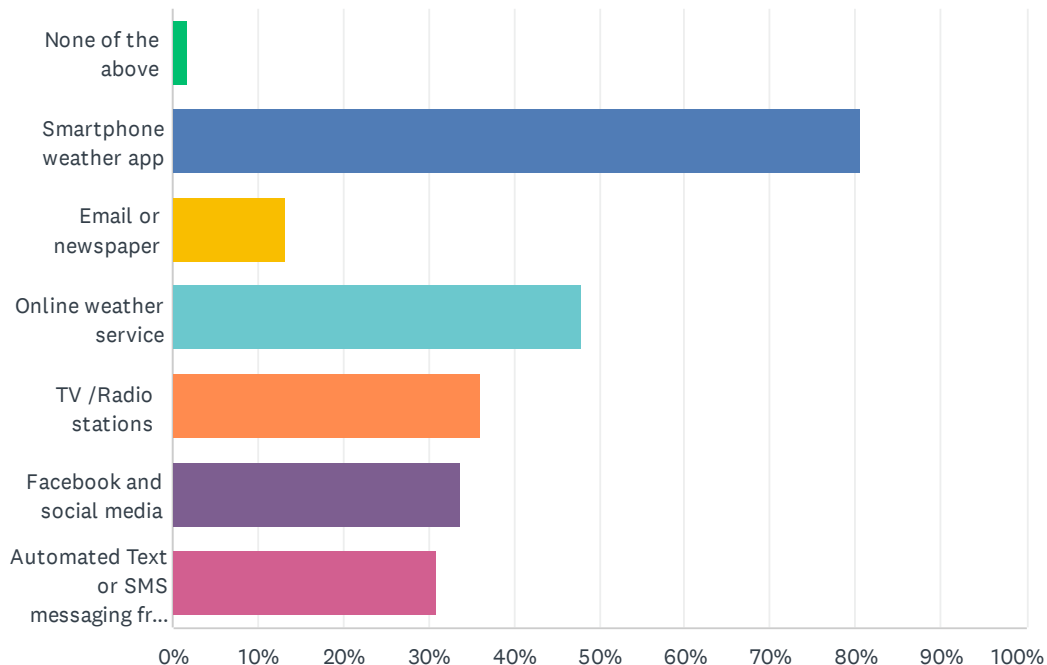
Answered: 173 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	89.02%	154
No	10.98%	19
TOTAL		173

Q15 How do you currently inform yourself on flood and other weather-related incidents?

Answered: 175 Skipped: 1



ANSWER CHOICES	RESPONSES
None of the above	1.71% 3
Smartphone weather app	80.57% 141
Email or newspaper	13.14% 23
Online weather service	48.00% 84
TV /Radio stations	36.00% 63
Facebook and social media	33.71% 59
Automated Text or SMS messaging from USGS, Township, County, Employer (if selected, indicate which)	30.86% 54
Total Respondents: 175	

#	AUTOMATED TEXT OR SMS MESSAGING FROM USGS, TOWNSHIP, COUNTY, EMPLOYER (IF SELECTED, INDICATE WHICH)	DATE
1	Employer	11/8/2024 3:44 PM
2	Chester county ems	8/11/2024 5:34 PM
3	Chester County	8/11/2024 1:09 PM
4	Caln Township	8/11/2024 9:11 AM
5	SMS messaging	6/28/2024 1:57 PM

Brandywine Flood Study

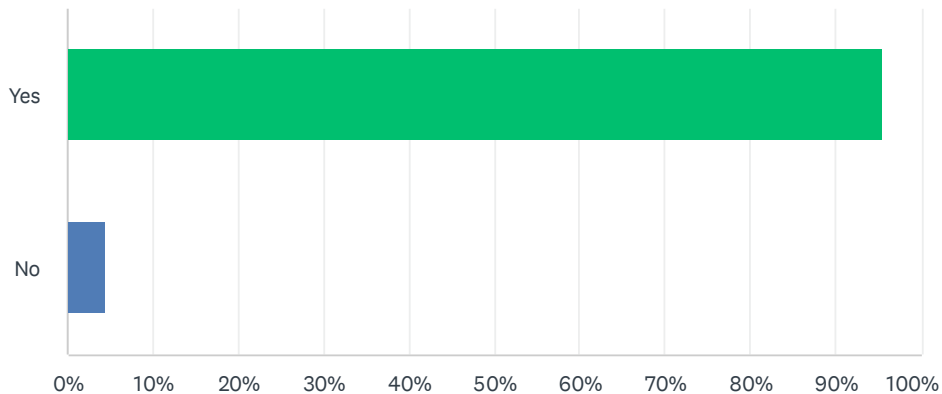
6	Caln	6/12/2024 8:22 PM
7	Caln	6/10/2024 11:11 PM
8	Ready ChesCo	4/11/2024 4:36 PM
9	County	4/2/2024 6:23 PM
10	Was getting too many emergency related messages, so opted out.	4/2/2024 3:00 AM
11	ReadyChesco	4/1/2024 11:48 AM
12	Wilmington	3/30/2024 1:46 PM
13	Readchesco	3/30/2024 8:41 AM
14	ReadyChesco text messages	3/29/2024 5:30 PM
15	County	3/15/2024 9:49 PM
16	County	3/14/2024 2:37 PM
17	Chester County Emergency Preparedness	3/14/2024 2:00 PM
18	Ready chesco	3/14/2024 9:20 AM
19	Township and County	2/26/2024 10:26 AM
20	County	2/21/2024 1:55 PM
21	usgs	2/9/2024 8:10 AM
22	Local/county and employer	2/8/2024 9:39 PM
23	Chester County	2/8/2024 6:50 PM
24	NOAA hydrograph	2/8/2024 6:09 PM
25	SMS messaging	2/8/2024 5:27 PM
26	Local media	2/8/2024 5:24 PM
27	SMS	2/8/2024 11:23 AM
28	ReadyChesCo	2/7/2024 11:50 AM
29	DNREC	2/7/2024 9:11 AM
30	USGS	2/6/2024 6:13 PM
31	App	2/5/2024 11:31 PM
32	Delaware Cty PA	2/5/2024 9:41 AM
33	Chester County	2/1/2024 7:02 PM
34	Historically these have not worked	1/24/2024 7:05 AM
35	ReadyChesCo	1/23/2024 10:28 PM
36	Website	1/23/2024 9:28 AM
37	Good	1/22/2024 4:30 PM
38	USGS flood gauge	1/22/2024 1:07 PM
39	Ready chesco	1/18/2024 9:55 PM
40	County	1/18/2024 9:06 PM
41	Yes	1/18/2024 8:41 PM
42	county texts	1/18/2024 6:21 PM
43	We sign up for every possible alert	1/18/2024 6:20 PM

Brandywine Flood Study

44	Ready Chesco	1/18/2024 5:28 PM
45	Chester County	1/18/2024 5:09 PM
46	County	1/18/2024 4:42 PM
47	Ready chesco	1/12/2024 7:17 AM
48	Uwchlan Township	1/12/2024 7:03 AM
49	Downingtown borough	1/12/2024 5:23 AM
50	Ready Chesco	12/27/2023 2:25 PM
51	USGS, County	12/20/2023 3:26 PM
52	I believe it is county	12/18/2023 6:05 AM
53	Employer	12/14/2023 6:49 PM
54	WILMINGTON	12/13/2023 4:04 PM

Q16 Are you concerned about increased frequency and/or intensity of future flooding?

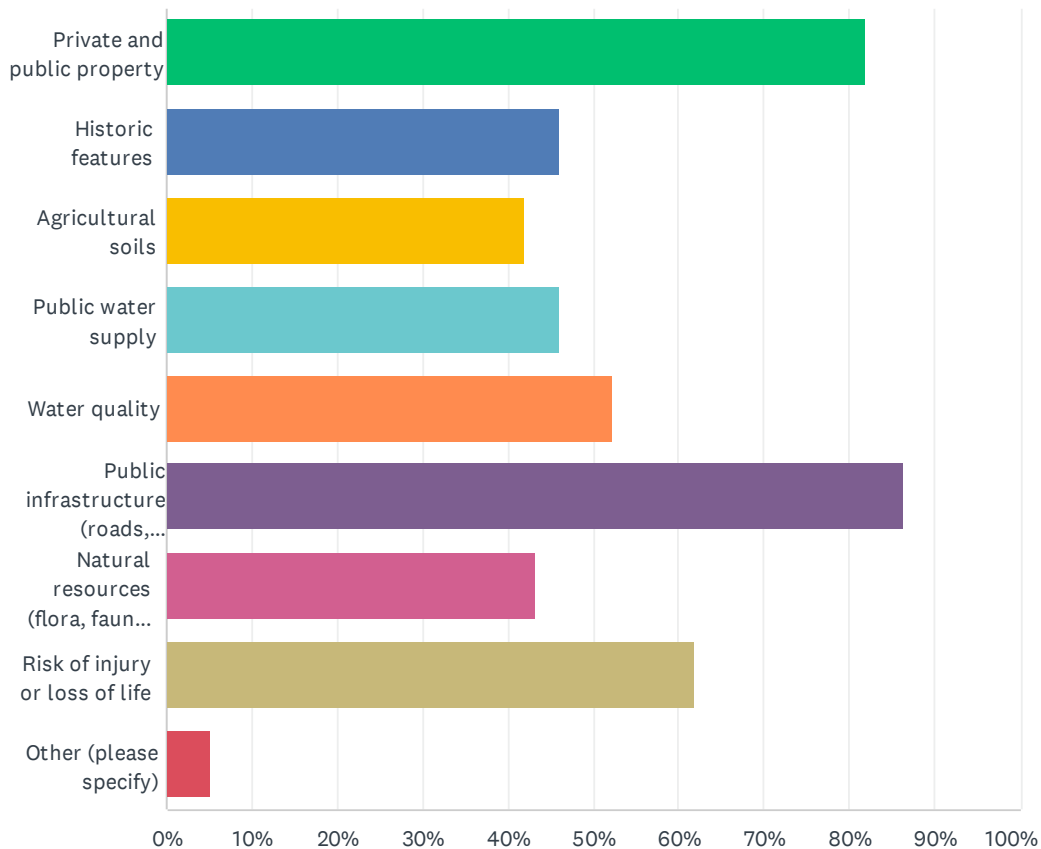
Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	95.45%	168
No	4.55%	8
TOTAL		176

Q17 What do you believe is most vulnerable to flood impacts? (Please check all that apply)

Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Private and public property	81.82%	144
Historic features	46.02%	81
Agricultural soils	42.05%	74
Public water supply	46.02%	81
Water quality	52.27%	92
Public infrastructure (roads, bridges, culverts, storm water retention and public water works)	86.36%	152
Natural resources (flora, fauna, open space)	43.18%	76
Risk of injury or loss of life	61.93%	109
Other (please specify)	5.11%	9
Total Respondents: 176		

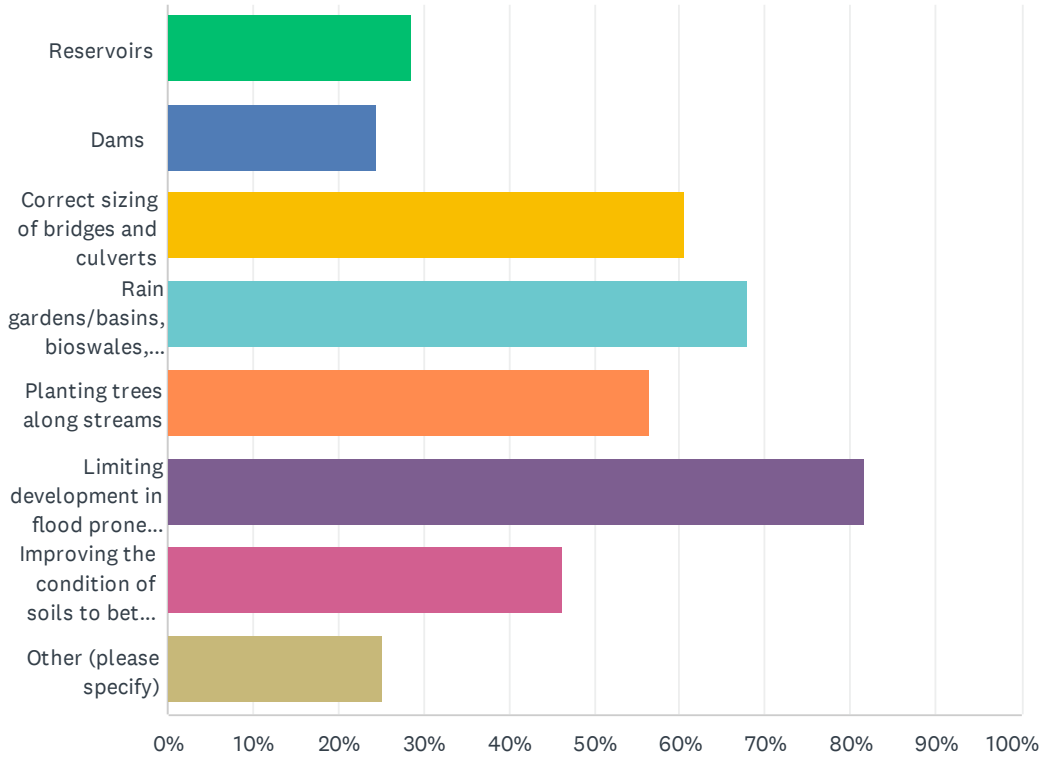
#	OTHER (PLEASE SPECIFY)	DATE
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Brandywine Flood Study

1	Tow people have died recently	4/2/2024 4:51 PM
2	Don't know enough to answer	3/2/2024 8:42 AM
3	school buses and emergency vehicles	3/1/2024 8:49 PM
4	Not sure. We don't experience flooding.	2/19/2024 10:55 AM
5	Personal property and furniture	2/8/2024 5:24 PM
6	Good	1/22/2024 4:30 PM
7	Sick of the lax attitude	1/12/2024 5:23 AM
8	Businesses loses property and items as well as money	1/11/2024 10:11 PM
9	Based on one of the webinars I attended after the flooding, I learned that flooding is the worst natural disaster. I didn't realize that!	12/18/2023 6:05 AM

Q18 What types of flood mitigation projects should be implemented. (Select all that apply)

Answered: 175 Skipped: 1



ANSWER CHOICES	RESPONSES
Reservoirs	28.57% 50
Dams	24.57% 43
Correct sizing of bridges and culverts	60.57% 106
Rain gardens/basins, bioswales, permeable pavements, native plantings and shade trees, green roofing, etc	68.00% 119
Planting trees along streams	56.57% 99
Limiting development in flood prone areas	81.71% 143
Improving the condition of soils to better allow rain to soak in	46.29% 81
Other (please specify)	25.14% 44
Total Respondents: 175	

#	OTHER (PLEASE SPECIFY)	DATE
1	culverts and dams destroy native habitat. Dams never work. Culverts can, but must be built to allow aquatic species to survive on the upstream and downstream sides of the culvert.	9/29/2024 10:14 PM
2	Enforce the code.	8/11/2024 7:15 PM

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3	Help along the creek bed with native plants to create a sediment barrier that will also help with flooding	8/11/2024 5:34 PM
4	Replace drainage and water pipes	8/11/2024 1:09 PM
5	Need more research	6/1/2024 7:12 AM
6	W	5/3/2024 1:58 AM
7	Berm needs to be built behind house to keep the swamp from getting closer to my house.	4/23/2024 6:35 PM
8	Helping homeowners with water runoff management either through landscaping or other structures that can help deter or redirect street runoff.	4/11/2024 4:36 PM
9	By now we know where the problem are We are still just talking Need someone in county govt to do something Bottleneck is Brandywine through Downingtown I'd start with a little more pitch south of rye 30	4/3/2024 7:35 AM
10	Eradicate all developers and reverse the damage. Developers are environmental and domestic terrorists who need permanently stopped	4/2/2024 5:21 PM
11	Address the water resources board and their affiliations with private water. It seems the floodings intentional to maximize water at certain facilities that profit off of Water. They're also seems to be environmental bond fraud, where engineers allowed developers to work with little to no stormwater management. Allow mud into the Brandywine and then apply for federal grant money for a problem they created. Then, when the developers finish up the neighborhood, the water measures his significant improvement, and the engineers are awarded. Chester county is completely corrupt and I have the proof. Take a look at the township solicitors through various areas and their affiliations with private water.	4/2/2024 4:51 PM
12	Many waterways in area have debris ... fallen trees, etc., which should be cleared. A casual observation sees many culverts, etc, that are clogged.	3/30/2024 8:41 AM
13	BETTER PLANNING REG REGULATIONS TO ENSURE DEVELOPERS ARE RESPONSIBLE TO MANAGE THE WATER ALL THE WAY TO THE CREEK.	3/19/2024 6:47 AM
14	Use of native plants on public and private property. Wetland restoration.	3/15/2024 9:49 PM
15	flood walls and levies	3/15/2024 7:36 PM
16	The paving of land upstream has caused a lot of the problem we have	3/14/2024 2:53 AM
17	Do maintenance on existing stormwater basins and piping.	3/7/2024 3:58 PM
18	natural stream channel design when doing repairs to damaged roadways especially.	3/1/2024 11:43 AM
19	Whatever works to address the flooding. Just not actions that will have no effect, like removing Dams.	2/19/2024 10:55 AM
20	Possibly removing the dams along Brandywine Creek, building green infrastructure around 12th Street where the river breached the shore and flooded NE Wilmington.	2/9/2024 10:28 PM
21	Reduce impervious surface! Restore degraded wetlands!!	2/8/2024 6:09 PM
22	Putting up retention barriers and walls and bulkheads.	2/8/2024 5:24 PM
23	Dredging sediment release which will increase with dam removals. Downstream flooding and velocity issues need to be addressed at lower level Brandywine communities. Misinformation about upstream dams causing lower level community flooding at end of river.	2/8/2024 4:57 PM
24	Sewer improvements	2/8/2024 11:46 AM
25	Slow the influx of impervious surfaces throughout Chester County.	2/7/2024 11:50 AM
26	I wonder if a pumping station to relocate high waters to other areas less prone to flooding is feasible.	2/7/2024 7:11 AM
27	Making sure the water has some lace to stream properly and also help the area with water and flood mitigation	2/5/2024 11:31 PM
28	Restricting development, and ensuring healthy impervious surface regulations and practices. Conservation of open space to reduce erosion. I am not certain whether building dams and	2/5/2024 9:41 AM

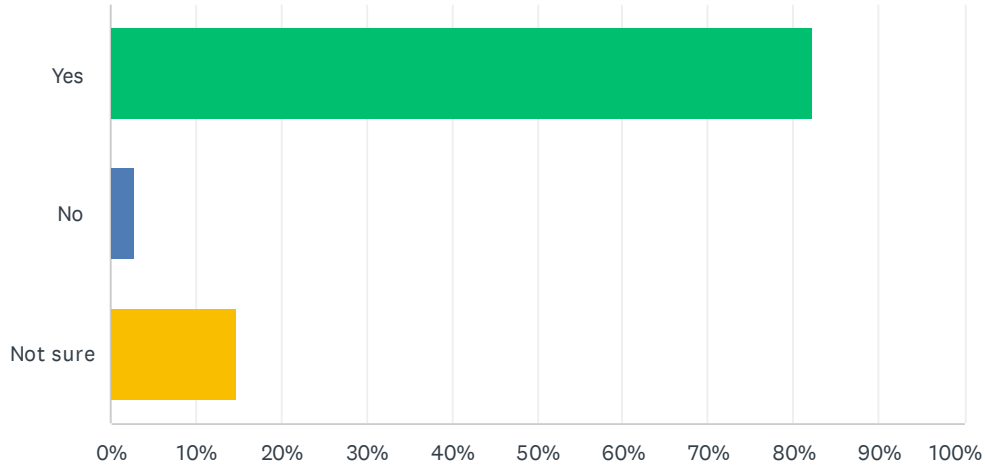
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reservoirs is most beneficial, but certainly those practices should be considered and implemented if they will help address the problem. I also think that it would help to work to change societal mindset regarding use of open spaces. For example, trees could be planted in many office parks and retail parking lots, as well as on larger portions of public property areas such as schools and government buildings. Adding "10 feet" of trees to various properties and businesses would not require much but might go along way towards helping the problem.

29	Retention basins	1/24/2024 9:58 AM
30	We need zoning to improve run-off and flood mitigation in the Brandywine watershed. We believe that the embankment of the former railroad line in Chadds Ford impounds flood water instead of letting it flow to floodplain areas south of Chadds Ford. We need governmental action to remove this embankment.	1/22/2024 8:59 PM
31	N/A	1/22/2024 6:41 PM
32	Good	1/22/2024 4:30 PM
33	Manage dams properly.	1/22/2024 1:07 PM
34	decrease all development and make sure any existing sprawl has suitable stormwater retention. Because of the expanse of macadam, concrete, and impermeable surfaces, rainwater has no place to go and is funneled into mass collection sites which have no capacity for its storage. Stop the flow before it reaches the Brandywine	1/22/2024 10:34 AM
35	I prefer natural methods to restore more natural balance Our bridges are old and in poor repair, that makes me nervous The mariner east pipeline terrifies me. It is in disturbed soil that is probably vulnerable to damage from flooding	1/18/2024 9:55 PM
36	Improving older storm water management systems like retention basins and adding storm water basins where none existed.	1/18/2024 6:12 PM
37	Structures to redirect flood waters such as proper drainage along roads and control the amount of building where drainage of water will have a negative impact	1/18/2024 4:46 PM
38	River bed build up	1/12/2024 5:23 AM
39	Do everything possible! Why would you not do everything to help stop flooding. Stop just talking about it and take action!!!!	1/11/2024 10:11 PM
40	Hibernia park releases water when chambers lake gets "too full" This is often after the river has already crested, and will cause it to crest even higher after the waters have already started to recede. There should be some kind of not only alert system in place, but maybe they should think about releasing water prior to these major events because peoples lives matter more than people being able to fish. I'm sorry. But this is caused a lot of issues over the years and we've lost a lot of equipment just from that. Not only do the people down stream matter, but so does all the wildlife, whose homes have been disappearing, and where do they have left to go? Floodplains!	1/11/2024 3:42 PM
41	Eradicate ALL DEVELOPERS AND TEAR DOWN AND RESTORE WHAT THEY HAVE DESTROYED. COMPACTED SOIL, HOUSES, CONCRETE, ASPHALT DO NOT ABSORB WATER. SEVERELY PUNISH THOSE WHO BUY THAT JUNK AND SUPPORT DEVELOPERS IN ANY WAY	1/11/2024 2:44 PM
42	dredging the bottle necks of the creek to move higher or same quantities of load within the confines of the creek banks.	1/9/2024 2:47 PM
43	I think we need to use every tool in the toolbox, taking into consideration specific site characteristics and cost-benefit analyses. There is no one-size-fits-all solution to address both localized and regional flooding challenges.	12/20/2023 3:26 PM
44	Limiting the effects of climate change (personal responsibility and accountability)! I know this is not within our control, but it should be said!	12/18/2023 6:05 AM

Q19 Should the States of Pennsylvania and Delaware allocate more funds through state budgets for flood control projects being developed and constructed by local water management authorities?

Answered: 176 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	82.39%	145
No	2.84%	5
Not sure	14.77%	26
TOTAL		176

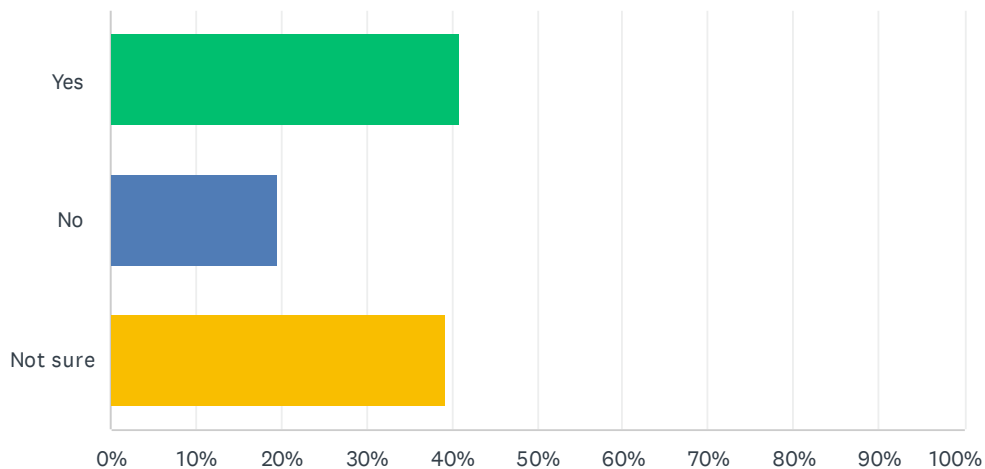
Q20 If not, why not:

Answered: 13 Skipped: 163

#	RESPONSES	DATE
1	Developers should be paying for the damage they cause, not tax payers over all. You can also charge those who buy in developments and high density housing	4/2/2024 5:21 PM
2	Because the funds already here are being stolen. Environmental bond fraud, where Township engineers allowed developers to operate with little to no stormwater management. Allow muddy flood water into the Brandywine and then apply for federal grant money to improve the waterway, They're allowing to get polluted. Once the developers complete the neighborhood? The water measures a significant improvement. and these criminal engineers are awarded.	4/2/2024 4:51 PM
3	construction projects have not solved the problem to date.	3/30/2024 1:46 PM
4	BETTER PLANNING REG REGULATIONS TO ENSURE DEVELOPERS ARE RESPONSIBLE TO MANAGE THE WATER ALL THE WAY TO THE CREEK.	3/19/2024 6:47 AM
5	I don't know if funds are currently available but mismanaged or taken by special interest groups instead of being used for the good of the whole community...or at least the first responders.	3/1/2024 8:49 PM
6	I would rather see increased funding for local flood control projects come from the Federal government through the States as my opinion is that the Federal government probably has more financial means, if the politics can be navigated, to fund these projects than do the States of Pennsylvania and Delaware.	2/8/2024 3:52 PM
7	Not sure of the state of PA's budget.	2/1/2024 7:02 PM
8	Don't know if there are already funds allocated for floods, and if so, how much?	1/24/2024 12:03 PM
9	N/A	1/22/2024 6:41 PM
10	I don't know if I trust local water management authorities. I'd rather see nonprofits or conservation orgs being in charge. I worry they will engineer solutions that solve one environmental issue but create others	1/18/2024 9:55 PM
11	When possible, I think people should take responsibility to install rain gardens, plant deep-rooted native plants to increase soil permeability, and reduce lawn size.	1/18/2024 9:06 PM
12	Developers, like Toll Brothers need to pay and all Developers need eradicated and all Developers damage needs reversed.	1/11/2024 2:44 PM
13	I said yes, because flooding is impacting communities, infrastructure, economy, etc. in both states; therefore, it is a relevant and growing issue that must be addressed. While in past years it may not have been an item to address, it is NOW that we KNOW there is data to support this need for the future and progress of our communities.	12/18/2023 6:05 AM

Q21 Are you willing to pay more in property tax or assessments for additional flood control measures in your area?

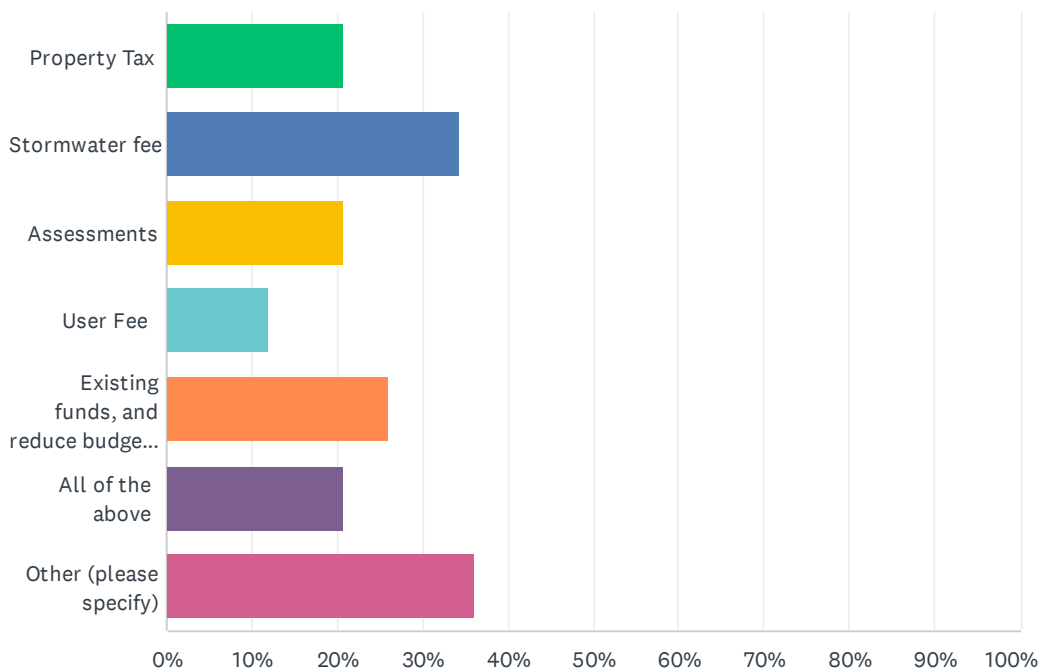
Answered: 173 Skipped: 3



ANSWER CHOICES	RESPONSES	
Yes	41.04%	71
No	19.65%	34
Not sure	39.31%	68
TOTAL		173

Q22 How should additional flood controls be financially supported?

Answered: 169 Skipped: 7



ANSWER CHOICES	RESPONSES
Property Tax	20.71% 35
Stormwater fee	34.32% 58
Assessments	20.71% 35
User Fee	11.83% 20
Existing funds, and reduce budgets to other programs. If so, which programs should be reduced? (please answer in box below)	26.04% 44
All of the above	20.71% 35
Other (please specify)	36.09% 61
Total Respondents: 169	

#	OTHER (PLEASE SPECIFY)	DATE
1	Chester county received federal funds to help with flood mitigation. How are those funds being utilized? Apply for grants and other assistance to pay for the resources for flood mitigation or reduce the amount needed for snow removal as we haven't had much of that as of late.	8/11/2024 5:34 PM
2	Fundraiser	8/11/2024 1:09 PM
3	Funds that go towards entertainment or things that are extra should be reduced to allocate monies towards flooding which impacts everyone.	8/11/2024 8:09 AM
4	Any programs designed to help big businesses. Funds should be allocated to private homeowners affected by massive flooding instead of the homeowners have to pay for	6/28/2024 1:57 PM

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	everything privately.	
5	Grants and government funds the work on the Loyd project will make it worse for us	6/12/2024 8:22 PM
6	Builders who keep putting up properties taking up more permeable area uphill from Downingtown	6/10/2024 11:11 PM
7	Developer taxation for down stream impacts	5/30/2024 3:19 PM
8	Could this become a grant funded project in collaboration with local universities?	4/11/2024 4:36 PM
9	There's plenty of money. Fed state and county Jay needs focus	4/3/2024 7:35 AM
10	Reduce property development in flood prone areas and/or place stipends on developers in those areas. Not all areas have balanced property taxes, especially in lower income areas like Coatesville.	4/2/2024 6:49 PM
11	Development fees	4/2/2024 6:23 PM
12	Developers should have to pay for it, along with the people who buy and support Developers in any way, shape, or form	4/2/2024 5:21 PM
13	Enforcement of NPDES permits.	4/2/2024 4:51 PM
14	Fees on new commercial and residential construction that increase impervious coverage.	4/1/2024 11:48 AM
15	Common sense says public funding is likely option. But often common sense isn't used by local municipalities when allocating tax funds. We often spend money making streams look pretty ... but maybe priority should be making them efficient?	3/30/2024 8:41 AM
16	Not sure how to answer this question.	3/29/2024 4:44 PM
17	Federal funding	3/29/2024 3:08 PM
18	FEMA	3/22/2024 8:56 AM
19	BETTER PLANNING REG REGULATIONS TO ENSURE DEVELOPERS ARE RESPONSIBLE TO MANAGE THE WATER ALL THE WAY TO THE CREEK.	3/19/2024 6:47 AM
20	I can't say what should be reduced but flood mitigation needs to be a priority in the community. The development of previous open spaces is creating impervious surface that is making the flood situation worse.	3/14/2024 2:37 PM
21	Should be a part of infrastructure funds	3/14/2024 9:20 AM
22	People/Companies who build in such a way that affect the waterway should be assessed accordingly.	3/14/2024 2:53 AM
23	Social events.	3/13/2024 1:42 PM
24	A combination of extra State funding and payment by land owners would seem to be equitable.	3/6/2024 10:46 AM
25	Developers should pay some of the cost.	3/2/2024 8:21 AM
26	State funds	3/1/2024 8:49 PM
27	governments should use qualified people to make informed decisions on what is needed to repair these issues. not the same old ways that do not work and waste money. once there is a range of solutions the ones that make sense should be implanted and funding should be evaluated on a case by case basis depending on the circumstance, cost etc. The public should be informed and allowed input	3/1/2024 11:43 AM
28	Don't know enough on what these mean and how they would be implemented to answer this question fully	2/29/2024 11:54 AM
29	I would like to see which programs receive funding and then make a recommendation on what I'd like to see. I'm not sure where money is currently allocated.	2/28/2024 7:13 PM
30	If my taxes go up to address the challenges of flooding, I would the area to look the part and operate in a way of community building.	2/9/2024 7:09 AM
31	unsure	2/8/2024 9:39 PM

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32	Require mitigation on the part of developers in the watershed if they are increasing impervious surfaces	2/8/2024 6:09 PM
33	How you answer this question. Everyone income is different some may can afford and some can't.	2/8/2024 5:24 PM
34	Fish passage projects need to be proven as working money could be better spent on flood infrastructure for people	2/8/2024 4:57 PM
35	My opinion is that the Federal government already has existing revenues that are generated through Federal taxes that could be used to support flood control projects at the local level and that if Federal government wanted to, it could allocate them accordingly, like for example what happened with the Covid relief funds that eventually were allowed to be used by local governments for stormwater management improvements and a host of other projects. I do not think that local or State governments should be forced to raise taxes or cut closer-to-home existing programs in order to fund flood mitigation. I think that is an endeavor for Federal government to fund because the Federal government currently has the most bloat and wastes the most tax money.	2/8/2024 3:52 PM
36	As stated above.	2/8/2024 11:46 AM
37	How come government grants are not listed here? What about funds from FEMA?	2/7/2024 7:11 AM
38	I've lived and worked in several counties in the area for the past 35 years. I've repeatedly seen large developments go in, which place a tax burden on the community in which they're built, but the developer does not seem to share adequately in the burden for the impact. Developers could be required to pay environmental impact fees and required to implement more environmentally friendly practices to help diminish flooding impacts.	2/5/2024 9:41 AM
39	What is a stormwater fee?	1/24/2024 12:03 PM
40	Use federal money too! Make this road safe for the community.	1/24/2024 7:05 AM
41	We pay for other communities' problems and believe that flood prevention and mitigation should be a common good that is supported as well.	1/22/2024 8:59 PM
42	Traffic cameras	1/22/2024 4:58 PM
43	Good	1/22/2024 4:30 PM
44	Developers should pay for it.	1/22/2024 12:57 PM
45	Fundraising or special events to raise funds for project.	1/22/2024 8:38 AM
46	Unnecessary spending should be reduced or eliminated.	1/20/2024 11:30 AM
47	I would need more education about these options and their effects to make an informed opinion on this	1/18/2024 9:55 PM
48	I really don't think I should have to pay more because others insist on having perfect lawns by using fertilizer and pesticides which contaminate our water supply.	1/18/2024 9:06 PM
49	I'm not sure	1/18/2024 8:41 PM
50	Government funding	1/18/2024 6:20 PM
51	Not sure	1/18/2024 5:09 PM
52	Limit building of new residential and commercial buildings without proper planning for storm water impact Implementation of already approved projects	1/18/2024 4:46 PM
53	Further research before deciding	1/18/2024 3:22 PM
54	In the beginning of these new infrastructure I would expect there should be more out out but I would urge the reduction of taxes or other fees once the infrastructure is completed and implemented.	1/13/2024 10:42 AM
55	Those charged with allocating funds for this decision ought to be informed of public feedback, actual environmental conditions, projections for changes in climate, approved and requested building permits, and what I presume is a host of other influencing factors. I am not informed to make such a suggestion.	1/12/2024 7:03 AM

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56	No more building in area!!	1/12/2024 5:23 AM
57	???	1/11/2024 11:08 PM
58	The developers and the those who buy their junk should pay for it	1/11/2024 2:44 PM
59	upstream over development appears to be the accumulating result of we downstream businesses and residents. new developement should utilize all holding/releasing technologies. past businesses should be asked to adapt run-off projects for a tax incentive.	1/9/2024 2:47 PM
60	Confiscatory punitive tax on developers and townships who fail to properly and completely mitigate incremental water runoff and retention.	12/18/2023 5:38 PM
61	First, I think it would be fiscally responsible to show how is the current money being spent, and which monies should be reallocated for more pressing needs? We pay taxes, just as the next person, for the purpose of funding our governments, infrastructures, etc. Just as flooding has become more of a need, what other areas can be reduced, or cut, due to low need or participation? Sometimes cutting a program doesn't mean it needs to be cut forever. Perhaps prioritizing the needs and establishing timelines is a more reasonable option. This will allow an ongoing process to review needs and funding and make necessary adjustments. After we have taken a deep look at how current taxpayer money is being allocated and spent, once all of those measures have been taken, then perhaps we can look at other ways to fund these needs. Taking, or asking, for more money from those hit the hardest by these events, well, need I say more? Thank you for allowing me to voice my thoughts! Looking forward to being included and engaged in these efforts! Tamika Collick	12/18/2023 6:05 AM

Municipality	Location	Flood Type	Flooding Details	County	State	WATERSHED	Minor watershed
West Bradford Township	910 Waltz Rd, West Chester, Pennsylvania, 19380		Floodplain if Brandywine. Parcel owner both sides of the road. When w branch filled it backed up east branch. Tributaries north of confluence on east branch backing up. Culvert filled up and stagnant water in the tribuar	Chester	Pennsylvania	Brandywine Creek	East Branch Brandywine Creek
West Bradford Township	153-161 Northbrook Rd, West Chester, Pennsylvania, 19382	Debris Jam		Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
West Bradford Township	115-241 Brandywine Dr, West Chester, Pennsylvania, 19382	Flood	Evacuation and flooding in homes	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
West Bradford Township	205-213 Northbrook Rd, West Chester, Pennsylvania, 19382	Flood	North cattle?	Chester	Pennsylvania	Brandywine Creek	West Branch Brandywine Creek
West Cain Township	19320, Coatesville, Pennsylvania	Debris Jam		Chester	Pennsylvania	Brandywine Creek	Birch Run
West Cain Township	308-318 Water Works Rd, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	Rock Run
West Marlborough Township	522-598 Apple Grove Rd, Coatesville, Pennsylvania, 19320			Chester	Pennsylvania	Brandywine Creek	Doe Run
West Marlborough Township	1270-1270 Doe Run Rd, Coatesville, Pennsylvania, 19320		Doe Run floods high traffic road and bridge on Route 82 (Doe Run Road) south of Blow Horn. Road has been damaged, bridge has been damaged. Commuters have been trapped and in flood waters and have had to be rescued.	Chester	Pennsylvania	Brandywine Creek	Doe Run
West Whiteland Township	19380, West Chester, Pennsylvania	Flood		Chester	Pennsylvania	Brandywine Creek	Broad Run
West Whiteland Township	149 S Whitford Rd, Exton, Pennsylvania, 19341			Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)
West Whiteland Township	517 Winding Way, Exton, Pennsylvania, 19341	Flood	Ida, Often smells of sewage	Chester	Pennsylvania	Brandywine Creek	Valley Creek (West)