



TASK NO. 3.A.2.B / 4.N.7.F
REPETITIVE FLOOD LOSS ANALYSIS

NEWPORT NEWS, VIRGINIA

MARCH 1, 2024

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Contents

1. INTRODUCTION AND DEFINITIONS	1
2. REPETITIVE LOSS REQUIREMENT	2
3. COMMUNITY DESCRIPTION AND HISTORY OF FLOODING	3
4. MAPPING REPETITIVE LOSS AREAS	7
4.1. Salters Creek Repetitive Loss Area	10
4.2. Newmarket Creek Repetitive Loss Area	12
4.3. Seafood Industrial Park Repetitive Loss Area	13
4.4. Nelson Drive Repetitive Loss Area	14
4.5. Denhigh Plantation Repetitive Loss Area	14
4.6. Hanover Heights Repetitive Loss Area	16
4.7. Hertzler Road Area Repetitive Loss Area	17
4.8. Hilton Place Repetitive Loss Area	18
4.9. Lee Hall Repetitive Loss Area	19
4.10. Maxwell Gardens Repetitive Loss Area	20
4.11. Moyer Road Repetitive Loss Area	21
4.12. Auburn Pointe Subdivision Repetitive Loss Area	22
4.13. Richneck Road Repetitive Loss Area	23
4.14. Sherwood Park Repetitive Loss Area	24
4.15. Shore Park Repetitive Loss Area	25
4.16. South Rivermont Repetitive Loss Area	26
4.17. Stoneybrook Estates North Repetitive Loss Area	27
4.18. Stoneybrook Estates South Repetitive Loss Area	28
4.19. Warwick River Estates Repetitive Loss Area	29
4.20. Warwick Shores Repetitive Loss Area	30
5. REVIEW OF ALTERNATIVE MITIGATION APPROACHES	31
5.1. Funding and Financing	37
6. REPETITIVE LOSS AREA ANALYSIS PLANNING PROCESS	40

6.1. Step 1. Advise All Property Owners	40
6.1.1 Letter and Survey	40
6.1.2 Public Meetings and Feedback	45
6.2. Step 2. Contact Agencies and Organizations	47
6.3. Step 3. Building Data Collection	48
6.4. Step 4. Review alternative approaches	48
6.5. Step 5: Document the findings.	48
7. REVIEW OF ALTERNATIVE MITIGATION ACTIONS	49
7.1. Salters Creek Repetitive Loss Area	54
7.1.1 Characteristics	54
7.1.2 Ongoing Risk Reduction Strategies	54
7.1.3 Neighborhood Specific Property Protection Mitigation Recommendations	55
7.2. Newmarket Creek Repetitive Loss Area	56
7.2.1 Characteristics	56
7.2.2 Ongoing Risk Reduction Strategies	56
7.2.3 Neighborhood Specific Property Protection Mitigation Recommendations	57
7.3. Seafood Industrial Park Repetitive Loss Area	58
7.3.1 Characteristics	58
7.3.2 Ongoing Risk Reduction Strategies	59
7.3.3 Neighborhood Specific Property Protection Mitigation Recommendations	59
7.4. Nelson Drive Repetitive Loss Area	60
7.4.1 Characteristics	60
7.4.2 Ongoing Risk Reduction Strategies	60
7.4.3 Neighborhood Specific Property Protection Mitigation Recommendations	60
7.5. Denbigh Plantation Repetitive Loss Area	61

7.5.1 Characteristics	61
7.5.2 Ongoing Risk Reduction Strategies	61
7.5.3 Neighborhood Specific Property Protection Mitigation Recommendations	61
7.6. Hanover Heights Repetitive Loss Area	62
7.6.1 Characteristics	62
7.6.2 Ongoing Risk Reduction Strategies	62
7.6.3 Neighborhood Specific Property Protection Mitigation Recommendations	62
7.7. Hertzler Road Area Repetitive Loss Area	63
7.7.1 Characteristics	63
7.7.2 Ongoing Risk Reduction Strategies	63
7.7.3 Neighborhood Specific Property Protection Mitigation Recommendations	63
7.8. Hilton Place Repetitive Loss Area	64
7.8.1 Characteristics	64
7.8.2 Ongoing Risk Reduction Strategies	64
7.8.3 Neighborhood Specific Property Protection Mitigation Recommendations	65
7.9. Lee Hall Repetitive Loss Area	66
7.9.1 Characteristics	66
7.9.2 Ongoing Risk Reduction Strategies	66
7.9.3 Neighborhood Specific Property Protection Mitigation Recommendations	67
7.10. Maxwell Gardens Repetitive Loss Area	68
7.10.1 Characteristics	68
7.10.2 Ongoing Risk Reduction Strategies	68
7.10.3 Neighborhood Specific Property Protection Mitigation Recommendations	68
7.11. Moyer Road Repetitive Loss Area	69

7.11.1 Characteristics	69
7.11.2 Ongoing Risk Reduction Strategies	69
7.11.3 Neighborhood Specific Property Protection Mitigation Recommendations	69
7.12. Auburn Pointe Subdivision Repetitive Loss Area	70
7.12.1 Characteristics	70
7.12.2 Ongoing Risk Reduction Strategies	70
7.12.3 Neighborhood Specific Property Protection Mitigation Recommendations	70
7.13. Richneck Road Area Repetitive Loss Area	71
7.13.1 Characteristics	71
7.13.2 Ongoing Risk Reduction Strategies	71
7.13.3 Neighborhood Specific Property Protection Mitigation Recommendations	71
7.14. Sherwood Park Repetitive Loss Area	72
7.14.1 Characteristics	72
7.14.2 Ongoing Risk Reduction Strategies	73
7.14.3 Neighborhood Specific Property Protection Mitigation Recommendations	73
7.15. Shore Park Repetitive Loss Area	74
7.15.1 Characteristics	74
7.15.2 Ongoing Risk Reduction Strategies	74
7.15.3 Neighborhood Specific Property Protection Mitigation Recommendations	74
7.16. South Rivermont Repetitive Loss Area	75
7.16.1 Characteristics	75
7.16.2 Ongoing Risk Reduction Strategies	75
7.16.3 Neighborhood Specific Property Protection Mitigation Recommendations	75
7.17. Stoneybrook Estates North Repetitive Loss Area	77

7.17.1 Characteristics	77
7.17.2 Ongoing Risk Reduction Strategies	77
7.17.3 Neighborhood Specific Property Protection Mitigation Recommendations	77
7.18. Stoneybrook Estates South Repetitive Loss Area	78
7.18.1 Characteristics	78
7.18.2 Ongoing Risk Reduction Strategies	78
7.18.3 Neighborhood Specific Property Protection Mitigation Recommendations	78
7.19. Warwick River Estates Repetitive Loss Area	79
7.19.1 Characteristics	79
7.19.2 Ongoing Risk Reduction Strategies	79
7.19.3 Neighborhood Specific Property Protection Mitigation Recommendations	79
7.20. Warwick Shores Repetitive Loss Area	80
7.20.1 Characteristics	80
7.20.2 Ongoing Risk Reduction Strategies	80
7.20.3 Neighborhood Specific Property Protection Mitigation Recommendations	80
8. References	81
9. Appendix A: Repetitive Loss Area Resident Letter	82
10. Appendix B: Mitigation Strategies	86
11. Appendix C: Survey Results Summary	90
11.1. Survey Description	90
11.2. Findings with relevant charts	90
11.3. Quotes	96
11.3.1 Theme: Changing Conditions / Climate Change	96
11.3.2 Theme: General Flooding	97
11.3.3 Theme: Green Infrastructure	97

11.3.4 Theme: Debris	97
11.4. Corbin Lake	97
11.4.1 Location: Nicewood Drive	98
11.4.2 Location: 942 Shore Dr.	99
11.4.3 Location: Seafood Industrial park Harbor	100
11.4.4 Location: Salters Creek	101
11.4.5 Location: lowest point of Belvoir Circle	102
11.5. Additional Survey Questions	103
12. Appendix D: Adjoining Communities/Agencies Letter	106
13. Appendix E: Property Specific Flood Protection Measures Recommendations Table	107

Tables

Table 1: Major Flooding Events Impacting Newport News	4
Table 2: Repetitive Loss Area Summary	9
Table 3: Alternative Mitigation Measure Pros and Cons.	36
Table 4: Federal funding programs.	38
Table 5: Potential Floodplain Regulation and Policy Updates	49
Table 6: Action Types and Examples.	50
Table 7: Area-specific mitigation recommendations.	52

Figures

Figure 1: Newport News Location	3
Figure 2: Newport News Repetitive Loss Areas Map	8
Figure 3: Salters Creek Repetitive Loss Area Map	11
Figure 4: Newmarket Creek Repetitive Loss Area Map	12
Figure 5: Seafood Industrial Park Repetitive Loss Area Map	13
Figure 6: Nelson Drive Repetitive Loss Area Map	14
Figure 7: Denbigh Plantation Repetitive Loss Area Map	15
Figure 8: Hanover Heights Repetitive Loss Area Map	16
Figure 9: Hertzler Road Repetitive Loss Area Map	17
Figure 10: Hilton Place Repetitive Loss Area Map	18
Figure 11: Lee Hall Repetitive Loss Area Map	19
Figure 12: Maxwell Gardens Repetitive Loss Area Map	20
Figure 13: Moyer Road Repetitive Loss Area Map	21

Figure 14: Auburn Pointe Subdivision Repetitive Loss Area Map.....	22
Figure 15: Richneck Road Repetitive Loss Area Map.....	23
Figure 16: Sherwood Park Repetitive Loss Area Map.....	24
Figure 17: Shore Park Repetitive Loss Area Map.....	25
Figure 18: South Rivermont Repetitive Loss Area Map.....	26
Figure 19: Stoneybrook Estates North Repetitive Loss Area.....	27
Figure 20: Stoneybrook Estates South Repetitive Loss Area Map.....	28
Figure 21: Warwick River Estates Repetitive Loss Area Map.....	29
Figure 22: Warwick Shores Repetitive Loss Area Map.....	30
Figure 23: Home in the process of being elevated.	31
Figure 24: Rain barrels collect stormwater runoff from roofs for reuse.	32
Figure 25: Flood vent allowing floodwaters to enter and pass through a structure.	33
Figure 26: HVAC unit elevated above base flood elevation.	34
Figure 27: Deployable flood barrier.	35
Figure 28: Benefit/cost ratios of various mitigation approaches in different hazard scenarios. ..	37
Figure 29: Survey Question: Drainage Frequency Issue	41
Figure 30: Survey Question: Concern about Drainage Issue	42
Figure 31: Survey Question: What do you perceive to be the source of the drainage issue?	42
Figure 32: Survey Question: How have you been affected by flooding on this property?.....	43
Figure 33: Survey Question: Have you installed any additional flood mitigation measures?	43
Figure 34: Flooding in Salters Creek reported by survey respondent.	44
Figure 35: Water Quality issue in Seafood Industrial Park	44
Figure 36: Single-family home on Nicewood Drive.....	45
Figure 37: Introductory presentation at one of the public meetings.	46
Figure 38: Aerial View of Salters Creek Repetitive Loss Area	54
Figure 39: Aerial View of Newmarket Creek Repetitive Loss Area	56
Figure 40: Seafood Industrial Park Repetitive Loss Area	58
Figure 41: Aerial View of Nelson Drive Repetitive Loss Area.....	60
Figure 42: Aerial View of Denbigh Plantation Repetitive Loss Area	61
Figure 43: Aerial View of Hanover Heights Repetitive Loss Area	62
Figure 44: Aerial View of Hertzler Road Repetitive Loss Area.	63
Figure 45: Aerial View of Hilton Place Repetitive Loss Area.	64
Figure 46: Lee Hall Repetitive Loss Area.	66
Figure 47: Maxwell Gardens Repetitive Loss Area.....	68
Figure 48: Moyer Road Repetitive Loss Area.....	69
Figure 49: Auburn Pointe Subdivision Repetitive Loss Area.	70
Figure 50: Richneck Road Repetitive Loss Area.	71
Figure 51: Sherwood Park Repetitive Loss Area	72
Figure 52: Shore Park Repetitive Loss Area.	74
Figure 53: South Rivermont Repetitive Loss Area.	75
Figure 54: Stoneybrook Estates North Repetitive Loss Area.	77
Figure 55: Stoneybrook Estates South Repetitive Loss Area.	78
Figure 56: Warwick River Estates Repetitive Loss Area.	79
Figure 57: Warwick Shores Repetitive Loss Area.....	80

Acronyms

BMP	Best Management Practices (for Stormwater)
CRS	Community Rating System
DFE	Design Flood Elevation
FAP	Flood Assistance Program
FEMA	Federal Emergency Management Agency
FMA	Flood Mitigation Assistance
HMGP	Hazard Mitigation Grant Program
NFIP	National Flood Insurance Program
RL	Repetitive Loss
RLA	Repetitive Loss Area
RLAA	Repetitive Loss Area Analysis
SRL	Severe Repetitive Loss

1. INTRODUCTION AND DEFINITIONS

Flooding is the most common and most destructive natural hazard in the United States. It is also very expensive – just one inch of water can cause \$25,000 worth of damage. The cost of recovering from a flood is often spread over many stakeholders, including local, state, and federal government, as well as individual persons in the affected areas. The National Flood Insurance Program (NFIP) protects more than 5 million policyholders across 22,000 communities from the impacts of flooding, and premiums, recently revamped under Risk Rating 2.0, are now calculated to be actuarially sound, equitable, and better reflect a property's individual risk. A large intent of Risk Rating 2.0 is to help put the NFIP on solid financial footing. Two property types that have historically made it difficult for the program to achieve solid financial footing are repetitive loss (RL) and severe repetitive loss (SRL) properties.

Repetitive Loss: Any insurable building for which two or more claims of more than \$1,000 have been paid by the NFIP within any 10-year period, since 1978. An RL property may or may not be currently insured under the NFIP.

Severe Repetitive Loss Property: defined by the Flood Insurance Reform Act of 2004, is a 1-4 family residence that has had four or more claims of more than \$5,000 or at least two claims that cumulatively exceed the building's value. The Act created new funding mechanisms to help mitigate flood damage for these properties.

An RL property is defined as any insurable building for which two or more claims of more than \$1,000 have been paid by the NFIP within any 10-year period, since 1978. An RL property may or may not be currently insured under the NFIP. An SRL property, defined by the Flood Insurance Reform Act of 2004, is a 1-4 family residence that has had four or more claims of more than \$5,000 or at least two claims that cumulatively exceed the building's value. The Act created new funding mechanisms to help mitigate flood damage for these properties. Reducing the number of these types of properties is an emphasis for the Federal Emergency Management Agency (FEMA), the agency that administers the NFIP, as structures that flood frequently are expensive, costing the program millions of dollars per year in flood insurance claim payments. Mitigating flood risk to these properties will reduce costs to the NFIP and individual homeowners.

This report discusses the causes of repetitive loss flooding in the City of Newport News, Virginia, details the Repetitive Loss Areas in the City, and provides recommended mitigation strategies appropriate to the City and to each neighborhood.

2. REPETITIVE LOSS REQUIREMENT

Repetitive loss data must be maintained and updated annually to participate in the Community Rating System (CRS). Since many of the losses under the NFIP come from repetitively flooded properties, addressing these properties is a priority for communities participating in the CRS Program.

Community Rating System: A voluntary incentive-based program for recognizing and encouraging community floodplain management activities that exceed minimum NFIP standards. Flood insurance rates for properties in CRS-participating communities are discounted to reflect the reduced flood risk resulting from these activities. CRS discounts on flood insurance premiums range from 5% up to 45% depending on the range and extent of creditable activities. The discounts provide an incentive for communities to implement new flood protection activities that can help save lives and property when a flood occurs. As of January 2024, policyholders in the City of Newport News are receiving a discount of 15% on flood insurance premiums.

Depending on the severity of the repetitive loss problem, a CRS community has different responsibilities.

Category A: A community with no unmitigated repetitive loss properties, or whose repetitive loss properties have all been mitigated. No special requirements from the CRS apply.

Category B: A community with at least one, but fewer than 50, unmitigated repetitive loss properties. Category B communities are required by the CRS to research and describe their repetitive loss problem, create a map showing the location of all repetitive loss properties (areas), and complete an annual outreach activity directed to repetitive loss properties.

Category C: A community with 50 or more unmitigated repetitive loss properties. Category C communities are required to do everything in Category B and prepare either a floodplain management plan that covers all repetitive loss properties (areas) or a Repetitive Loss Area Analysis (RLAA) for all repetitive loss areas.

Since the latest repetitive loss data obtained from FEMA for the City of Newport News contained a total of 126 RL or SRL properties, the City is designated as a Category C repetitive loss community. The latest data is from August 2022.

3. COMMUNITY DESCRIPTION AND HISTORY OF FLOODING

The City of Newport News is located in the southeastern portion of Virginia. It is bordered by the James River to the southwest; Hampton Roads to the southeast; the City of Hampton to the east; York County to the northeast; and James City County to the north. Figure 1 shows the location of Newport News in the Peninsula subregion of the Hampton Roads area of Virginia.



Figure 1: Newport News Location

The topography of Newport News varies from mean sea level in the southern sections to 70 feet above mean sea level in the northern sections. Most of the City is flat with an average elevation of about 20 feet above mean sea level. In the portions of the City that are flat and low-lying, protective barriers are generally non-existent between the built environment within the city and the surrounding waters. Consequently, any increase in the level of the Chesapeake Bay and the lower James River produces flooding to the same level in the City.¹

Based on 2020 Census data, Newport News has a total population of almost 180,000 people, with 23.1 percent under 18 years old and 13.3 percent 65 years and over. The percentage of persons in poverty in

¹ FEMA. City of Newport News Flood Insurance Study.

<https://map1.msc.fema.gov/data/51/S/PDF/510103V000A.pdf?LOC=29051f157963b676bb2e3436648f858b>

the City is 15.1 percent (US Census Bureau, 2019 American Community Survey in the HR Draft HMP 2022). The City has grown considerably since 1980 when the total population was approximately 145,000 people and it is projected to grow to 190,000 by 2045 (Hampton Roads 2045 Socioeconomic Forecast July 2020 in the HR Draft HMP 2022). Of a total 81,901 housing units in Newport News, 92 percent are occupied with a median home value of \$186,600 and an average household size of 2.45. Thirty-five percent of housing structures were built before 1970 (U.S. Census Bureau, 2020 Census, 2010 Census, and 2019 American Community Survey 5-Year Estimates in the HR Draft HMP 2022).

Newport News is subject to flooding from multiple sources: urban flooding, overbank flooding, and coastal flooding.

Urban flooding, also known as surface water runoff from excess precipitation in a watershed, occurs when rates of rainfall are higher than what can be evaporated or penetrated into the soil and is exacerbated by impervious surfaces in an area. Older storm conveyance systems installed based on less stringent or no standards are often inadequate for heavy rainfalls. Urban flooding results in water flowing across surfaces as sheets, collecting contaminants and eroding soils. When volumes exceed stream and river capacity, waters overflow banks and inundate low-lying areas.

Overbank flooding, or the increase in the volume of water in a stream or river onto adjacent low-lying areas, is also common in Newport News. There are numerous tributaries of the James River throughout the City that commonly flood due to heavy rains occurring at any time of year. Flooding can also occur as a result of intense rainfall produced by local summer thunderstorms or tropical disturbances such as hurricanes which move into the area from the Gulf of Mexico and the Atlantic Ocean.

Coastal flooding occurs when dry and low-lying land is submerged by seawater. Newport News is subject to coastal flooding and storm surge. Storm surge is caused by large amounts of tidally influenced water being pushed inland by the winds of storms such as hurricanes and Nor'easters. Battering waves can cause erosion and damage to coastal buildings and their foundations, as well as to roads, bridges, marinas, and piers. Hampton Roads experiences both hurricanes and Nor'easters, but Nor'easters occur more frequently. Nor'easters are ocean storms capable of causing substantial damage to coastal areas in the Eastern United States due to their strong winds and heavy surf.² Additionally, the coastal areas of Newport News are subject to tidal flooding from major storms. Hampton Roads has a long history of flooding and many of the events have directly impacted Newport News. Table 1 records significant flooding events that have been recorded in Newport News specifically.

Table 1: Major Flooding Events Impacting Newport News

DATE OF OCCURRENCE	EVENT DESCRIPTION	IMPACT
9/8/1972	Tropical Storm Agnes	Presidential Disaster Declaration issued for Hampton Roads – Newport News impacted
9/6/1996	Hurricane Fran	Hurricane Fran and associated severe storms
10/23/1996	Hurricane Fran	Presidential Disaster Declaration issued for Hampton Roads

² Weather.com. What is a Nor'Easter? <https://weather.com/science/weather-explainers/news/noreaster-snow-rain-wind-northeast-explainer>

DATE OF OCCURRENCE	EVENT DESCRIPTION	IMPACT
4/23/1997	Coastal flood	Minor coastal flooding
10/19/1997	Coastal flood	Minor flooding
1/27/1998	Coastal flood	Nor'easter caused high tides and moderate coastal flooding
2/4/1998	Coastal flood	Nor'easter caused gale and storm-force winds and high tides with moderate to severe coastal flooding
9/15/1999	Flash flood	Hurricane Floyd – heavy rains, widespread flooding, and flash flooding. To date, this is the highest amount of rainfall from one storm in Newport News. Unofficially considered a 500-year storm.
10/17/1999	Hurricane Irene	Heavy rainfall from Hurricane Irene and flash flooding
2/28/2000	Severe winter storms	Presidential Disaster Declaration issued for Hampton Roads – Newport News impacted
7/24/2000	Flash flood	Widespread flooding of main and secondary roads in Newport News
6/14/2002	Flash flood	Flooded streets
8/28/2002	Flash flood	Roads closed at the intersection of 27 th St. and Buxton Ave. (Salters Creek); flood barricades were used at the City Line Apartment Complex in Newport News
4/10/2003	Storm surge/tide	Flooding at high tide resulted in water in the streets
7/19/2003	Flash flood	Heavy rains caused street flooding
8/5/2003	Flash flood	Six families evacuated due to flash flooding
9/3/2003	Flash flood	Streets were closed due to high water, including 27 th St. and Buxton Ave. (Salters Creek)
9/18/2003	Hurricane	Hurricane Isabel and associated severe storms
5/19/2004	Flash flood	High water and street flooding
5/22/2004	Flash flood	High water at Flint Drive and Tillerson Drive
9/12/2005	Hurricane	Hurricane Katrina and associated severe storms
10/8/2005	Flood	Buxton Avenue closed at 25 th Street (Salters Creek)
6/23/2006	Flood	High water and street flooding
9/1/2006	Flash flood	Street flooding with a couple of feet of water – Route 664 at 35 th Street to Jefferson Avenue
9/22/2006	Tropical Depression Ernesto	Presidential Disaster Declaration issued for Hampton Roads – Newport News impacted. Unofficially considered at least a 100-year storm.
8/14/2009	Flash flood	Isolated thunderstorm with heavy rains caused flash flooding across parts of the City
11/11/2009	Severe storms, flooding	Flooding and severe storms associated with Tropical Depression Ida and a nor'easter

DATE OF OCCURRENCE	EVENT DESCRIPTION	IMPACT
11/12/2009	Coastal flood	Nor'easter produced moderate to severe coastal flooding
12/9/2009	Tropical Depression Ida and a Nor'easter	Presidential Disaster Declaration issued for Hampton Roads – Newport News impacted
8/27/2011	Flood	Hurricane Irene produced heavy rains and widespread flooding. Rainfall totals ranged from four to twelve inches across the region.
5/15/2012	Flash flood	Flooding on Interstate 64 at Jefferson Avenue. Street flooding at several different locations with floating cars.
8/25/2012	Flash flood	Thunderstorms produced extremely heavy rain that led to street flooding and submerged cars on Warwick Boulevard, just west of Mercury Boulevard. To date, this is the second-highest rainfall amount from a storm in Newport News. Unofficially considered a 500-year storm.
10/28/2012	Coastal flood	Tropical cyclone Sandy produced very strong winds, which caused flooding.
9/8/2014	Flood	Flooded roads including 26 th Street near Interstate 664 and Warwick Boulevard and 35 th Street.
10/2/2015	Coastal flood	Severe storms and associated flooding
10/8/2016	Flood, flash flood, coastal flood	Severe storms and associated surges and wave action. The combination of a cold front and Tropical Cyclone Matthew just off the coast produced heavy rainfall and flash flooding, as well as coastal flooding from strong winds. Roads were impassable and streams/rivers overtopped their banks.
11/7/2016	Hurricane Matthew	Hurricane Matthew and associated flooding
9/8/2018	Hurricane Florence	Hurricane Florence and associated flooding
10/15/2018	Hurricane Florence	Presidential Disaster Declaration issued for Hampton Roads
8/15/2020	Flash flood	Multiple roads flooded and impassable

4. MAPPING REPETITIVE LOSS AREAS

The City of Newport News joined the NFIP on December 31, 1974. In addition to meeting the basic requirements of enrollment in the program, the City has completed additional voluntary actions to participate in the CRS program. Newport News is currently a CRS class 7 which means policyholders receive a 15 percent premium reduction. Newport News has participated in the CRS program since April 1, 2022.

In 2015, there were 121 RL properties in Newport News, with a value of losses at over \$13 million. The average payment per claim was \$44,344 with 294 losses. In contrast, there were only 3 SRL properties in the City at the same time, with a value of losses at approximately \$190,000. The average payment per claim for the SRL properties was \$17,268 with 11 losses (Hampton Roads Draft Hazard Mitigation Plan 2022).

As of August 2022, there were 126 RL properties, an increase of five RL properties compared with 2015. These 126 RL properties had 341 total losses, an increase of 47 losses compared with 2015, with total payouts of over \$17 million. Of the 126 RL properties, nine were SLR, which increased by six since 2015. These nine SRL properties had 41 total losses, an increase of 30 since 2015, totaling approximately \$4 million.

Two areas in Newport News contain the majority of the RL properties: Salters Creek and Newmarket Creek. In total, these two areas include 92 of the 126 RL properties. None of the 92 properties included within this plan have been mitigated and 25 are insured under the NFIP; one is insured under Special Direct Facilities³. There have, however, been many properties that have been mitigated within the subject neighborhoods, most notably within the Salters Creek Repetitive Loss Area, through the City's Floodplain Assistance Program (FAP). This program is discussed further in Section V of this plan.

In comparison to the two neighborhoods listed above, the following neighborhoods in Newport News each have six or fewer repetitive loss properties:

- Seafood Industrial Park
- Nelson Drive
- Denbigh Plantation
- Hanover Heights
- Hertzler Road Area
- Hilton Place
- Lee Hall
- Maxwell Gardens
- Moyer Road Area
- Auburn Pointe
- Richneck Road Area
- Sherwood Park
- Shore Park
- South Rivermont
- Stoneybrook Estates North
- Stoneybrook Estates South
- Warwick River Estates
- Warwick Shores

³ The NFIP Special Direct Facilities, is a branch of the NFIP Servicing Agent to which Write Your Own Companies transfer renewals for identified SRL properties so that mitigation assistance can be offered to the policyholders.

Figure 2 shows the location of all Repetitive Loss Areas. The sections that follow discuss the characteristics of each neighborhood and potential contributing causes leading to the repetitive loss from flooding.

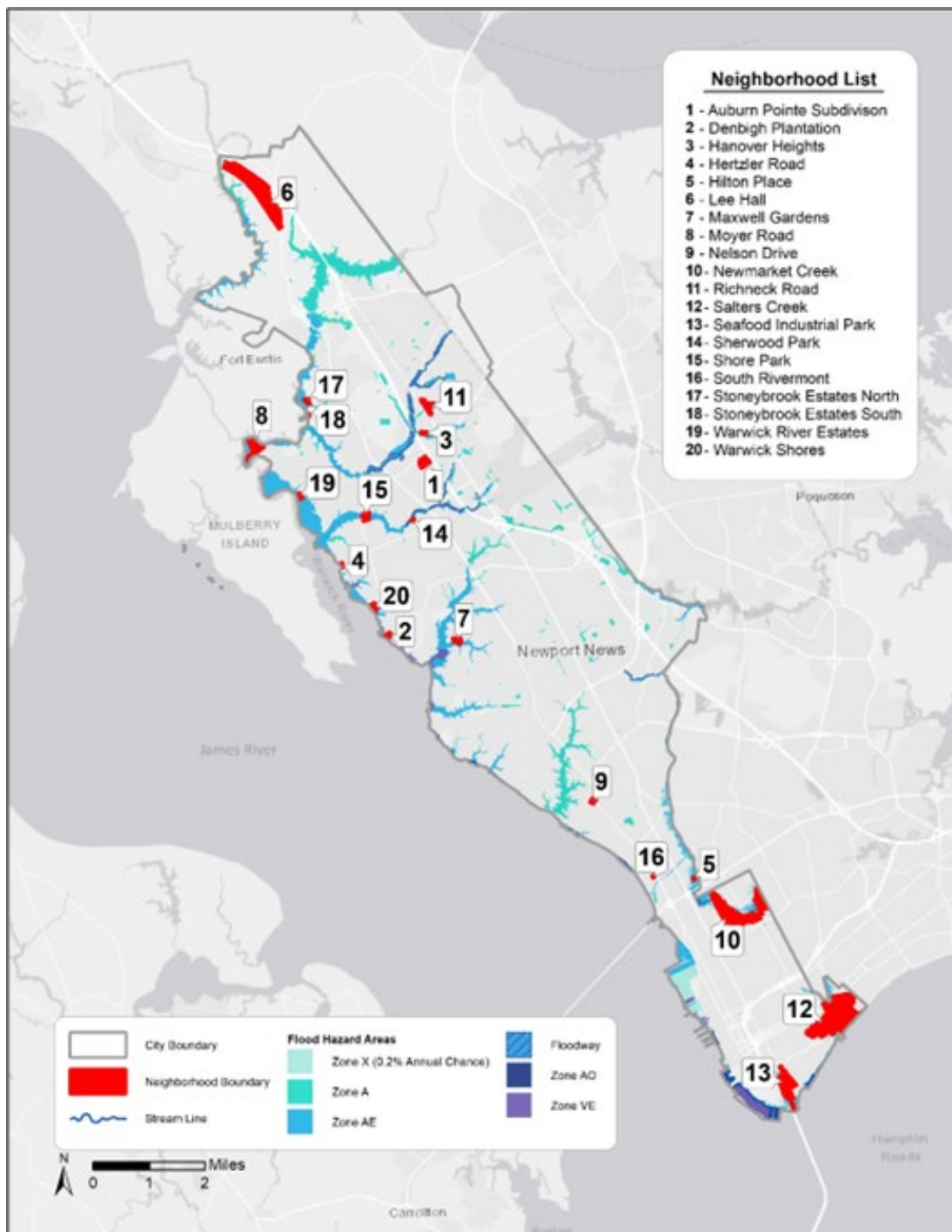


Figure 2: Newport News Repetitive Loss Areas Map

Table 2: Repetitive Loss Area Summary.

Neighborhood	RL & SRL Properties					Properties subject to similar flooding conditions	Flooding source	Flood zone / Floodway
	Total # of properties	RL	SRL	Insured	Average claim			
Salters Creek	37	34	3	12	\$18,000	932	Salters Creek	X; AE; VE
Newmarket Creek	55	51	4	14	\$251,000	272	Newmarket Creek	X; AE; Floodway
Seafood Industrial Park	3	3	0	2	\$25,000	5	James River	X; AE; VE; AO
Nelson Drive	2	2	0	1	\$16,000	8	Urban	N/A
Denbigh Plantation	1	1	0	0	\$10,000	8	Warwick River	AE; VE
Hanover Heights	1	1	0	0	\$20,000	9	Stoney Run/Denbigh Branch	X; AE
Hertzler Road	1	1	0	0	\$4,000	6	Warwick River	VE
Hilton Place	1	1	0	0	\$2,200	7	Newmarket Creek	X; AE; Floodway
Lee Hall	1	1	0	0	\$30,000	9	Skiffes Creek	A
Maxwell Gardens	1	0	1	0	\$20,000	10	Deep Creek	AE
Moyer Road	1	1	0	0	\$23,000	10	Warwick River	AE
Auburn Pointe	1	1	0	0	\$145,000	15	Urban	N/A
Richneck Road	1	0	1	0	\$60,000	5	Stoney Run	A
Sherwood Park	2	2	0	1	\$19,000	4	Lucas Creek	X; AE; Floodway
Shore Park	1	1	0	0	\$3,000	35	Lucas Creek	X; AE
South Rivermont	1	1	0	0	\$6,000	5	Urban	N/A
Stoneybrook Estates North	1	1	0	1	\$6,000	8	Warwick River	X; AE

Neighborhood	RL & SRL Properties					Properties subject to similar flooding conditions	Flooding source	Flood zone / Floodway
	Total # of properties	RL	SRL	Insured	Average claim			
StoneyBrook Estates South	2	2	0	1	\$25,000	2	Warwick River	AE
Warwick River Estates	6	6	0	3	\$41,000	3	Warwick River	X; AE
Warwick Shores	1	1	0	1	\$8,000	11	Warwick River	AE; VE

4.1. SALTERS CREEK REPETITIVE LOSS AREA

The Salters Creek neighborhood includes 37 of the 126 total identified RL properties in Newport News and of the 37, 3 are SRL properties. The team identified 932 additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL properties. As of August 2022, none of the 37 RL properties were mitigated against flood losses and 12 were NFIP-insured. The dates of losses range from 1997 through 2020. Average claims ranged from \$1,400 to \$30,000. Three Salters Creek properties are SRL, two of which are NFIP-insured. The three SRL properties suffered three, four, and six losses, respectively, with average claim values between \$6,000 and \$30,000.

Salters Creek RL properties experienced damages from several storm events throughout the years: a Nor'easter in February 1998, Hurricane Floyd in September 1999, Hurricane Isabel in September 2003, another Nor'easter event in November 2009, as well as from Hurricane Irene in August 2011. None of the SRL properties experienced losses from the events in 1998 and 1999, but two had damages from Hurricane Isabel, and all three had damages from the Nor'easter of November 2009. In addition, the SRL properties had losses from flooding events in 2006, 2011, and most recently in 2020 with heavy rain and flash flooding from Tropical Cyclone Sally. The neighborhood is subject to tidal flooding from Salters Creek as well as Hampton Roads. Figure 3 depicts the Salters Creek Repetitive Loss Area.

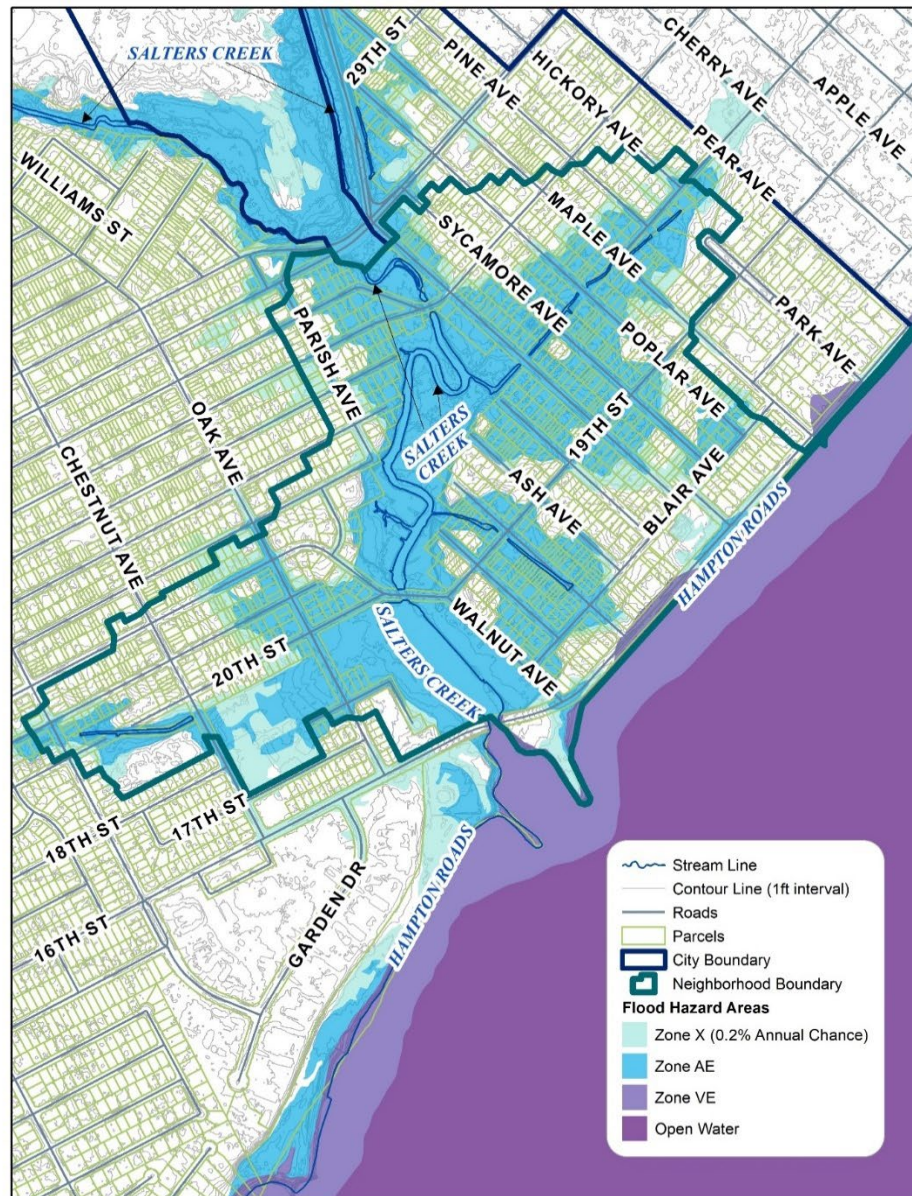


Figure 3: Salters Creek Repetitive Loss Area Map

The Newmarket Creek neighborhood includes 55 of the 126 total identified RL properties in Newport News and of the 55, four are SRL properties. The team identified 272 additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL and SRL properties. Similar to Salters Creek, none of the 55 RL properties are mitigated and 14 are insured under the NFIP. The dates of flooding losses range from 1997 to 2020 and average claim values ranged from \$2,000 to over \$500,000. Of the four SRL properties, two had four total losses, two had five losses, and only one of the properties is insured.

Legend:

- Stream Line
- Contour Line (1ft interval)
- Roads
- Parcels
- City Boundary
- Neighborhood Boundary

Flood Hazard Areas

- Zone X (0.2% Annual Chance)
- Zone AE
- Floodway



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4.3. SEAFOOD INDUSTRIAL PARK REPETITIVE LOSS AREA

Three of the 126 total identified RL properties in Newport News are located in the Seafood Industrial Park neighborhood and none are SRL properties. The team identified five additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL properties. Two of the three RL properties are insured but none are mitigated. Two of the three properties had two losses and one had three losses. Average claim payments were between \$10,000 and \$40,000 for losses between 2003 and 2014. Two of the Seafood Industrial Park RL properties suffered damages from the same events – both were hit by a Nor'easter in November 2009 and prior to that loss, Hurricane Isabel in September 2003. The third RL property had two losses – one in September 2014 from locally heavy rainfall as well as in July 2010 from flash flooding. The neighborhood is in close proximity to both the James River and Hampton Roads. A portion of the neighborhood is subject to coastal flood hazards and wave action. Figure 5 depicts the Seafood Industrial Park Repetitive Loss Area.

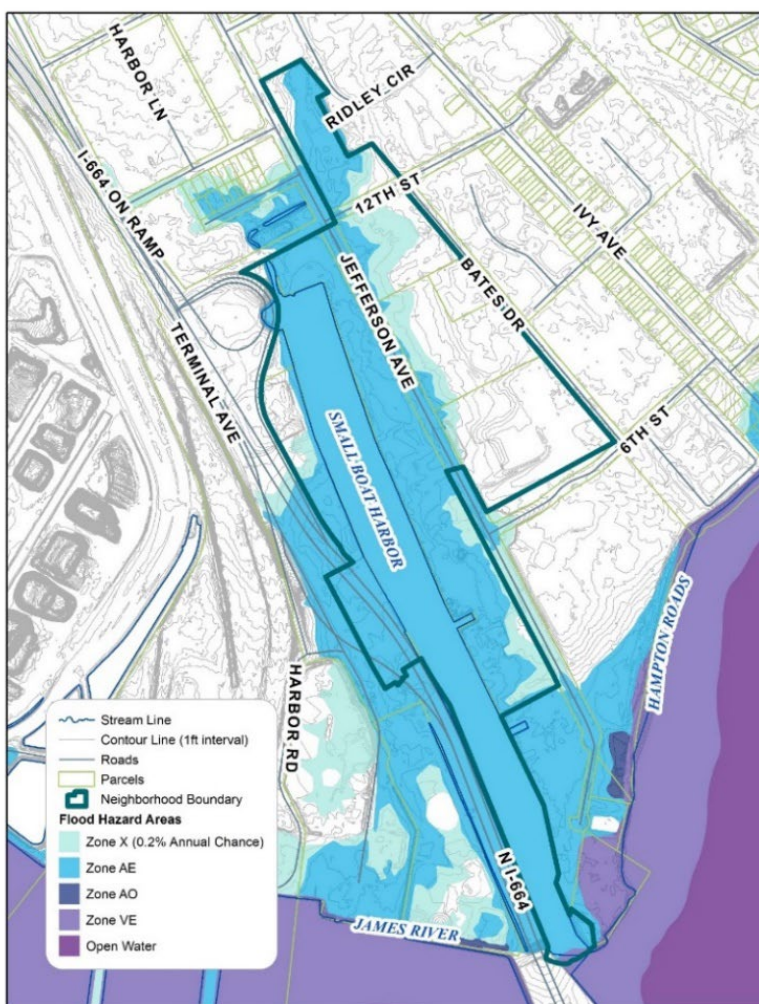


Figure 5: Seafood Industrial Park Repetitive Loss Area Map

4.4. NELSON DRIVE REPETITIVE LOSS AREA

Two of the 126 total identified RL properties in Newport News are in the Nelson Drive neighborhood and neither of the two are SRL properties. The team identified eight additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL properties. The two RL properties are single-family residences on the same street in the Nelson Drive neighborhood. Neither are mitigated and only one is insured. Both suffered losses from events in 2006 and 2012, and one property had an earlier loss in 2004. The average claim values for both properties were similar, ranging from \$14,000 to \$18,000, even with one property having three losses. Both properties in the Nelson Drive neighborhood suffered losses in August 2012, which was the result of thunderstorms and heavy rains in the area. Prior to that, both properties had losses in September 2006 which corresponds to periods of flash flooding where roads flooded and were closed in the area. There is no local stream or natural drainage system within the neighborhood. This neighborhood is characterized by urban flooding conditions. Figure 6 depicts the Nelson Drive Repetitive Loss Area.

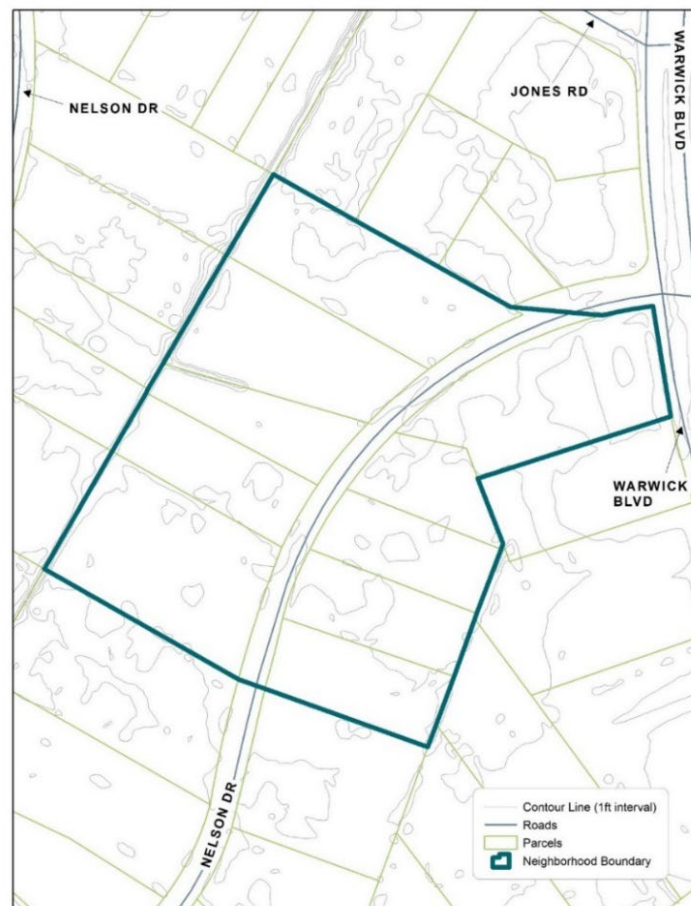


Figure 6: Nelson Drive Repetitive Loss Area Map

4.5. DENBIGH PLANTATION REPETITIVE LOSS AREA

The Denbigh plantation neighborhood includes one single-family RL residence that is neither mitigated nor insured under the NFIP. The property suffered losses in 2016, 2003, and 1998. The average flood claim paid was approximately \$10,000. This property is not an SRL property. The team identified eight

additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is susceptible to flooding from the Warwick River. Figure 7 depicts the Denbigh Plantation Repetitive Loss Area.

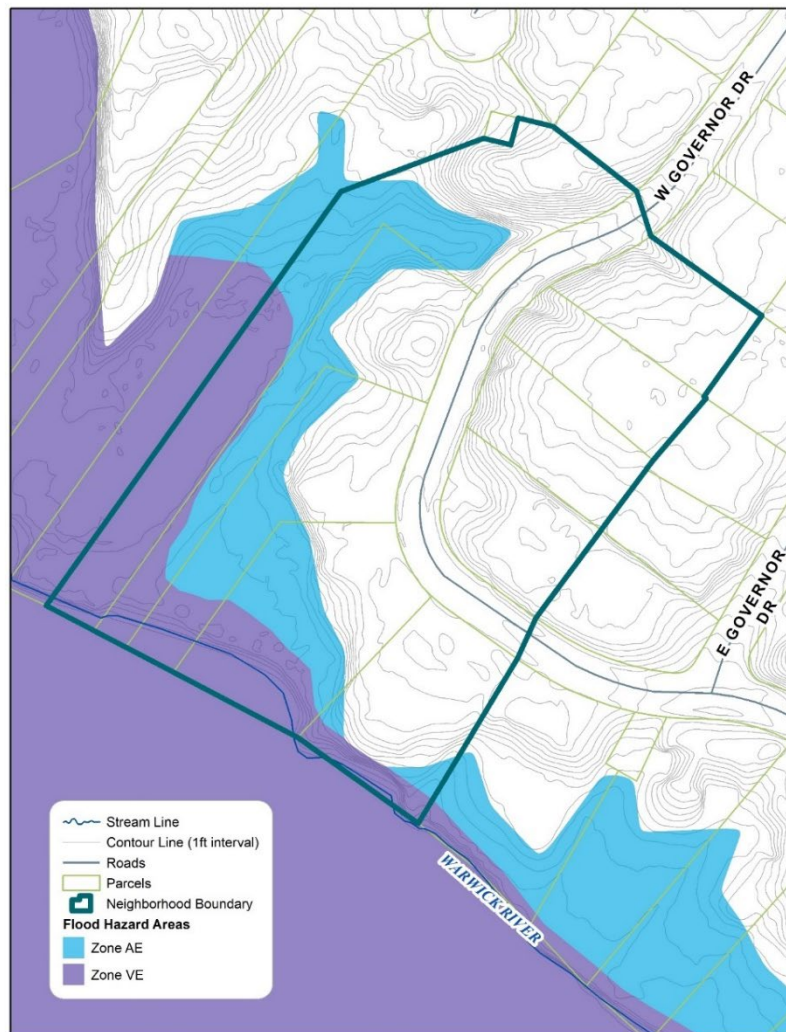


Figure 7: Denbigh Plantation Repetitive Loss Area Map

4.6. HANOVER HEIGHTS REPETITIVE LOSS AREA

The Hanover Heights neighborhood includes one single-family RL residence that is neither mitigated nor insured under the NFIP. The property suffered two losses – one associated with Hurricane Isabel in September 2003, and the second associated with Hurricane Floyd in September 1999. The average claim paid was approximately \$20,000. This property is not an SRL property. The team identified nine additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is within the 1% annual chance floodplain of Stoney Run-Denbigh Branch. Figure 8 depicts the Hanover Heights Repetitive Loss Area.

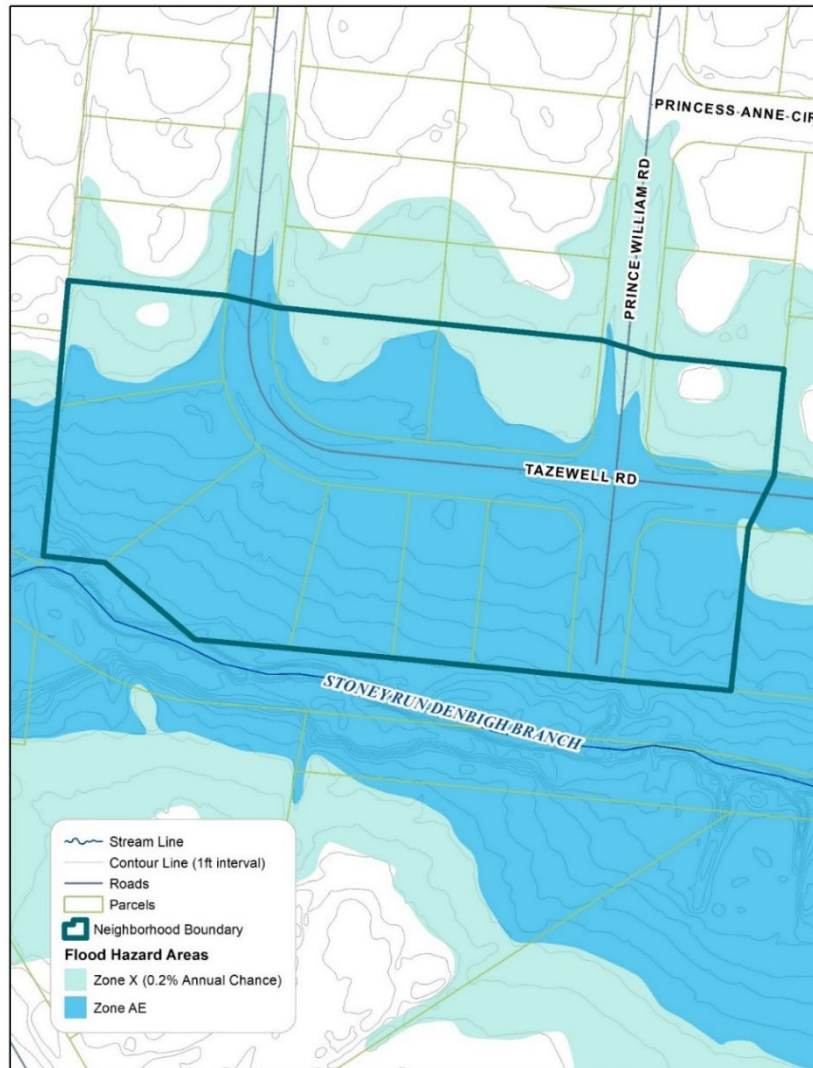


Figure 8: Hanover Heights Repetitive Loss Area Map

4.7. HERTZLER ROAD AREA REPETITIVE LOSS AREA

The Hertzler Road neighborhood includes one single-family RL residence that is neither mitigated nor insured under the NFIP. The property had two losses in 2010 and 2003 and the average claim paid was approximately \$4,000. This property is not an SRL property. The team identified six additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is in close proximity to the Warwick River and is subject to coastal flood hazards and wave action. Figure 9 depicts the Hertzler Road Repetitive Loss Area.



Figure 9: Hertzler Road Repetitive Loss Area Map

4.8. HILTON PLACE REPETITIVE LOSS AREA

The single-family RL residence in the Hilton Place neighborhood had two losses, one in 2012 and one in 2003. The property is not mitigated or insured under the NFIP, and the average claim paid was approximately \$2,200. This property is not an SRL property. The team identified seven additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is within the 1% annual chance floodplain of Newmarket Creek. Figure 10 depicts the Hilton Place Repetitive Loss Area.

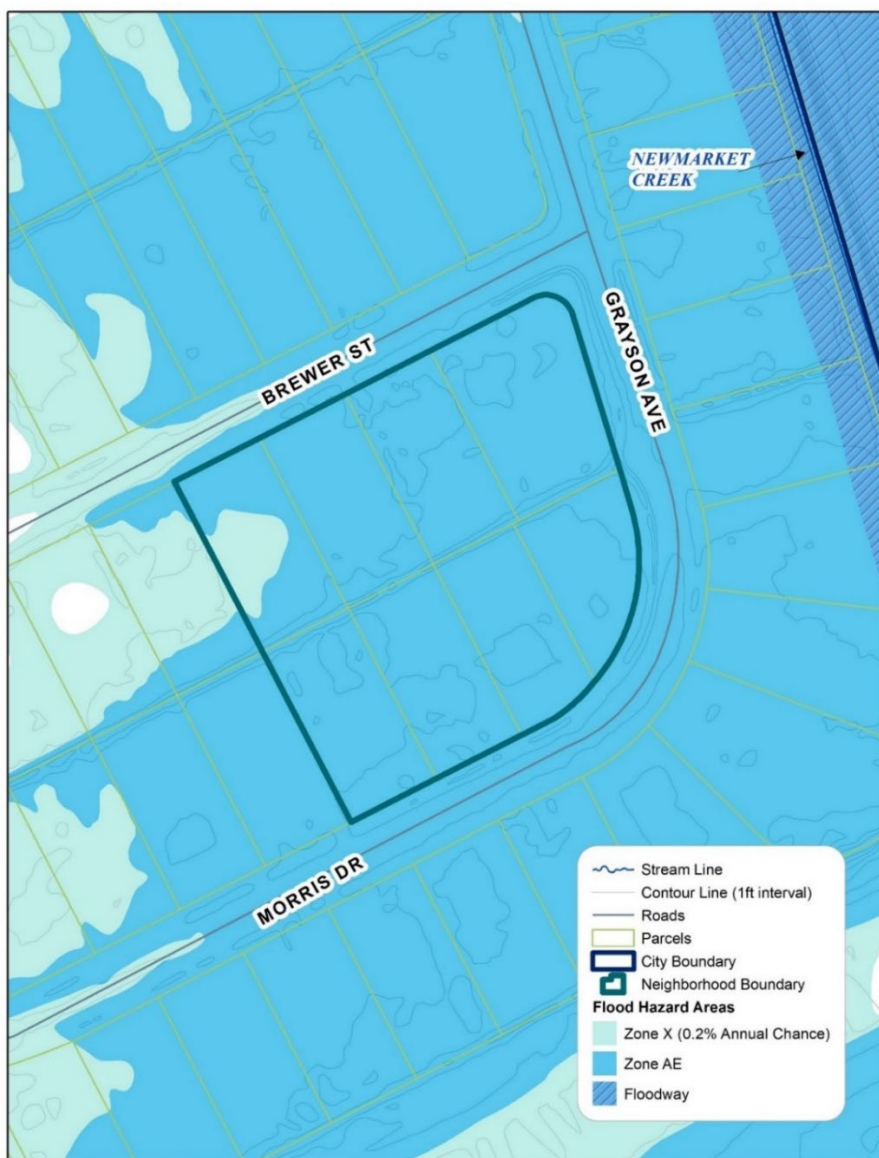


Figure 10: Hilton Place Repetitive Loss Area Map

4.9. LEE HALL REPETITIVE LOSS AREA

The Lee Hall RL property is not mitigated but is insured under the NFIP. It had two losses from flooding in 2015 and 2010. The average claim paid was approximately \$30,000. This property is not an SRL property. The team identified nine additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. This neighborhood borders Skiffes Creek. Figure 11 depicts the Lee Hall Repetitive Loss Area.

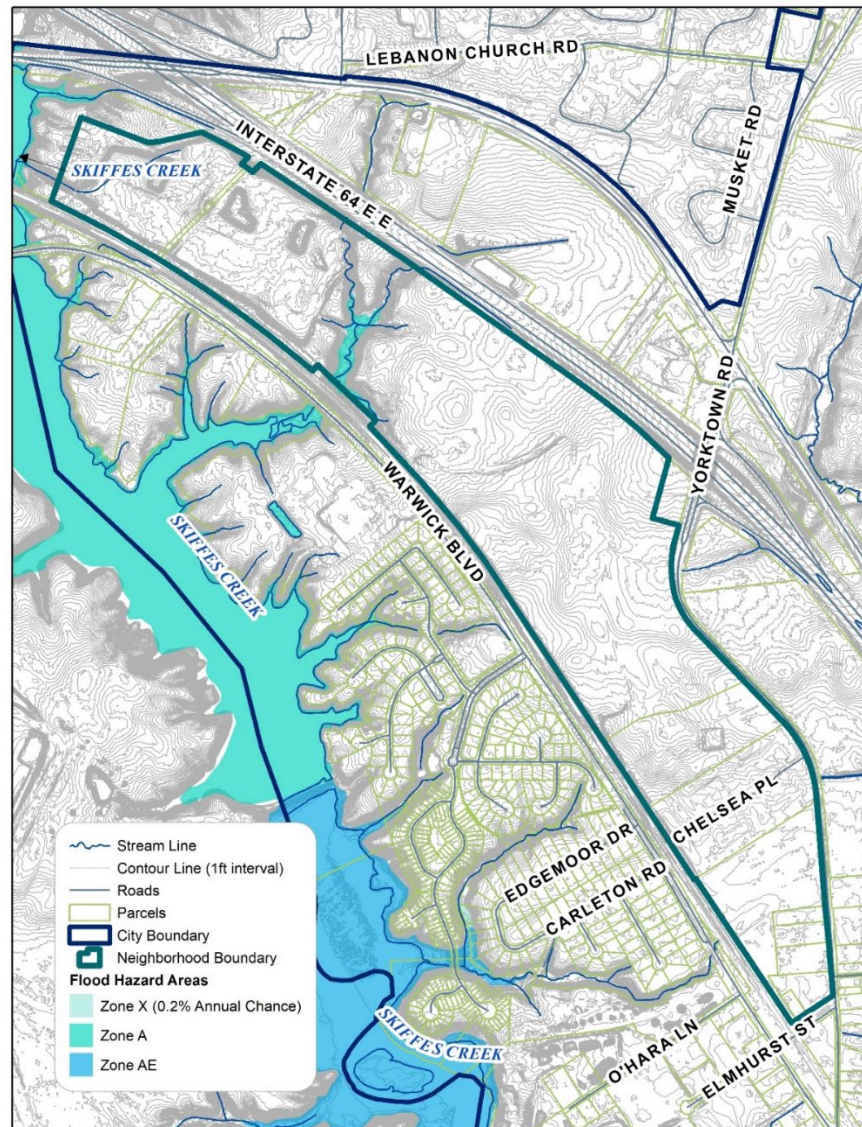


Figure 11: Lee Hall Repetitive Loss Area Map

4.10. MAXWELL GARDENS REPETITIVE LOSS AREA

The Maxwell Gardens RL property is a single-family residence that is neither mitigated nor insured under the NFIP. It had four total losses – 2011, 2009, 2006, and 2003. The average claim paid was approximately \$20,000. This property is an SRL property. The team identified ten additional properties in the neighborhood that are subject to similar flooding conditions and risk as the SRL property. Figure 12 depicts the Maxwell Gardens Repetitive Loss Area.

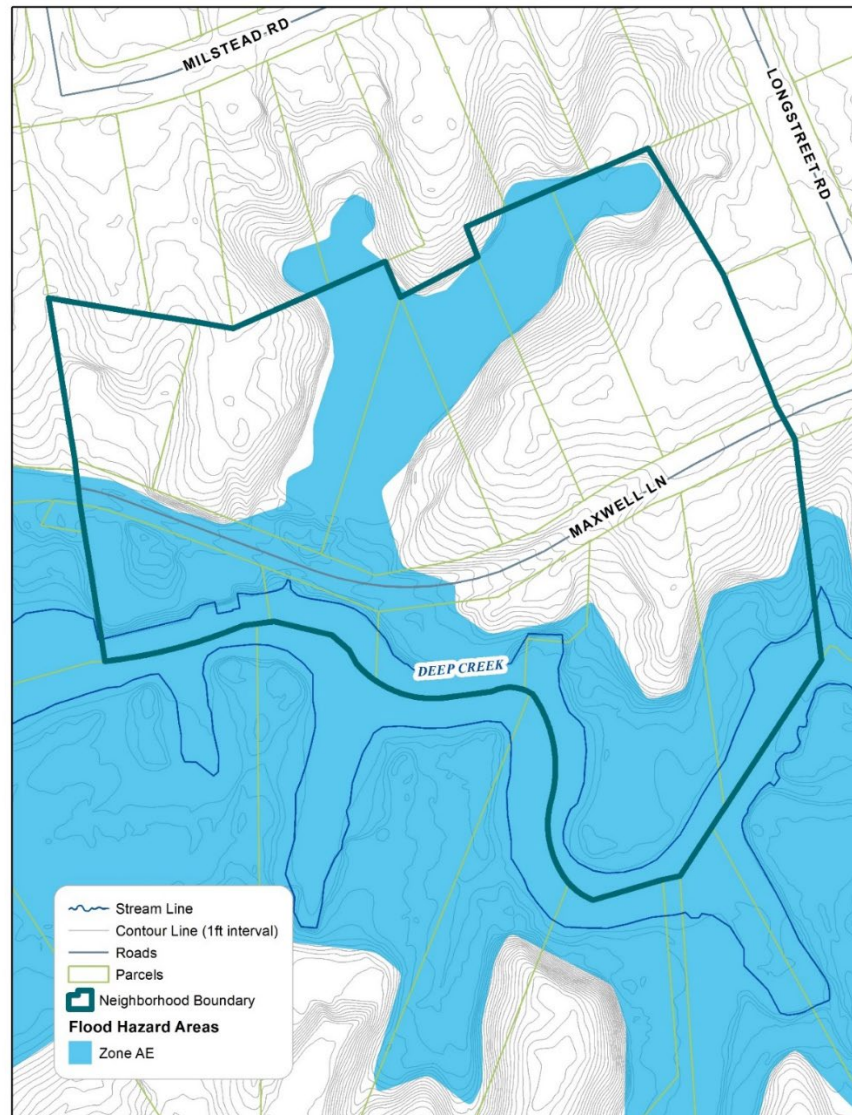


Figure 12: Maxwell Gardens Repetitive Loss Area Map

4.11. MOYER ROAD REPETITIVE LOSS AREA

The Moyer Road RL area property is a single-family residence that is neither mitigated nor insured under the NFIP. The property suffered two losses – one associated with Hurricane Isabel in September 2003, and the second associated with Hurricane Floyd in September 1999. The average claim paid was approximately \$23,000. This property is not an SRL property. The team identified ten additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood borders the Warwick River. Figure 13 depicts the Moyer Road Repetitive Loss Area.

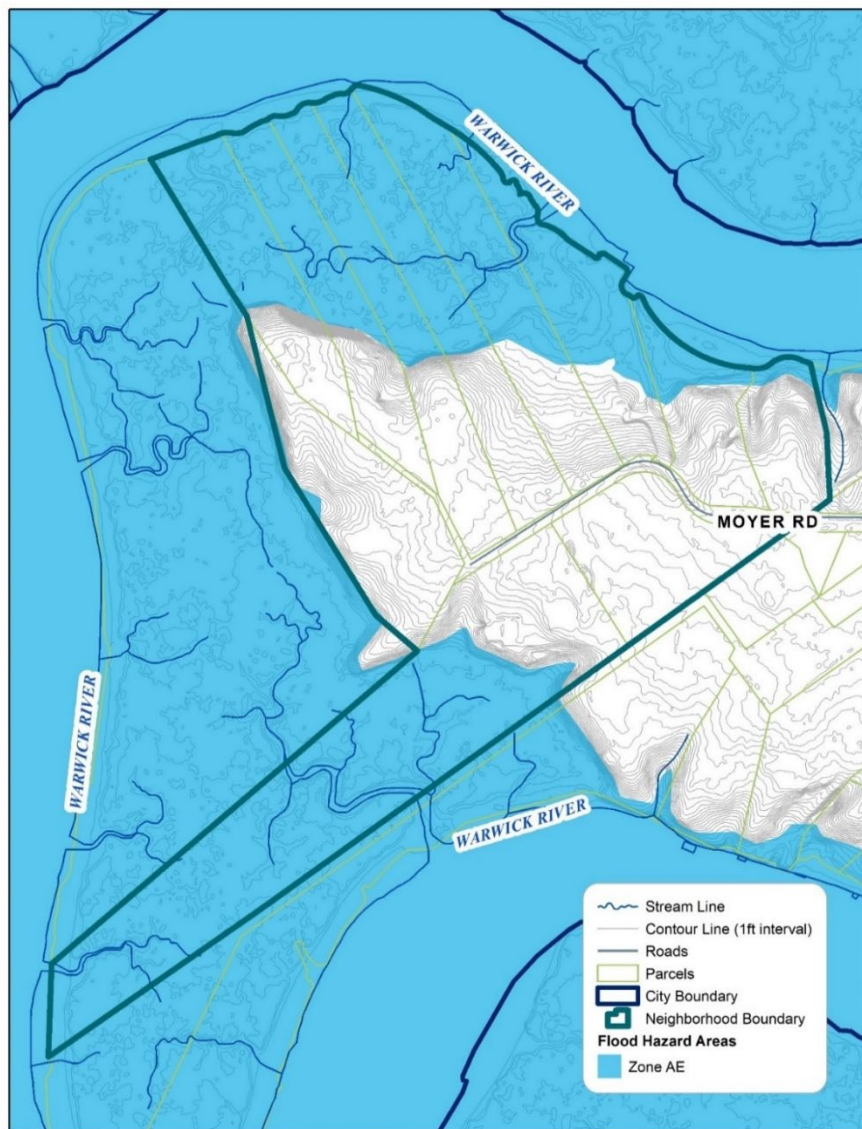


Figure 13: Moyer Road Repetitive Loss Area Map

4.12. AUBURN POINTE SUBDIVISION REPETITIVE LOSS AREA

The Auburn Pointe Subdivision RL area property is a complex of buildings and units that are not mitigated or insured under the NFIP. The property suffered losses in 2012 and 2011. The claims paid ranged from \$113,000 to \$177,000. The team identified 15 additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. There is no local stream or natural drainage system within the neighborhood. This neighborhood is characterized by urban flooding conditions. Figure 14 depicts the Auburn Pointe Repetitive Loss Area.

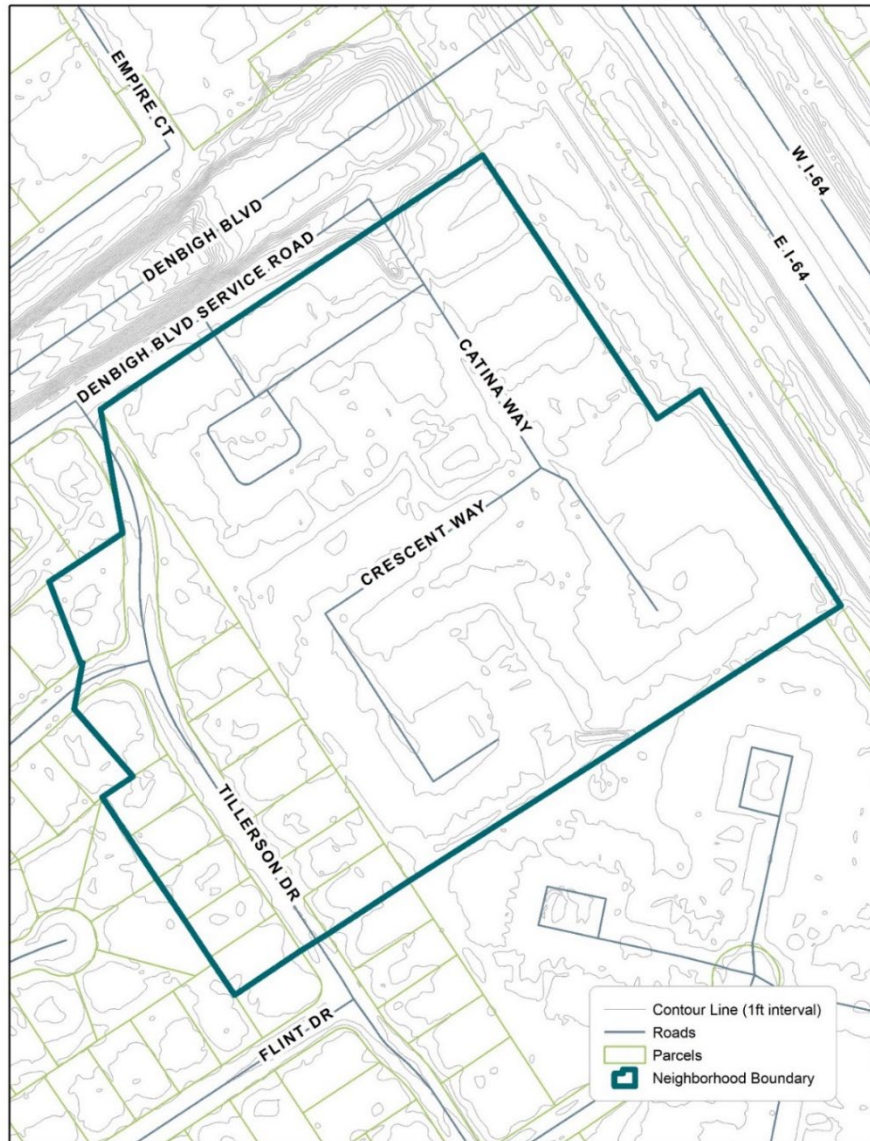


Figure 14: Auburn Pointe Subdivision Repetitive Loss Area Map

4.13. RICHNECK ROAD REPETITIVE LOSS AREA

This neighborhood includes an RL property that has suffered six total losses from flash floods: 2006, 2004, two losses a month apart in 2003, 2000, and 1999. The 1999 event was associated with Hurricane Floyd. The average claim paid was over \$60,000. The non-residential property is not mitigated or insured under the NFIP, and it is an SRL property. The team identified five additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is subject to flooding from Stoney Run. Figure 15 depicts the Richneck Road Repetitive Loss Area.

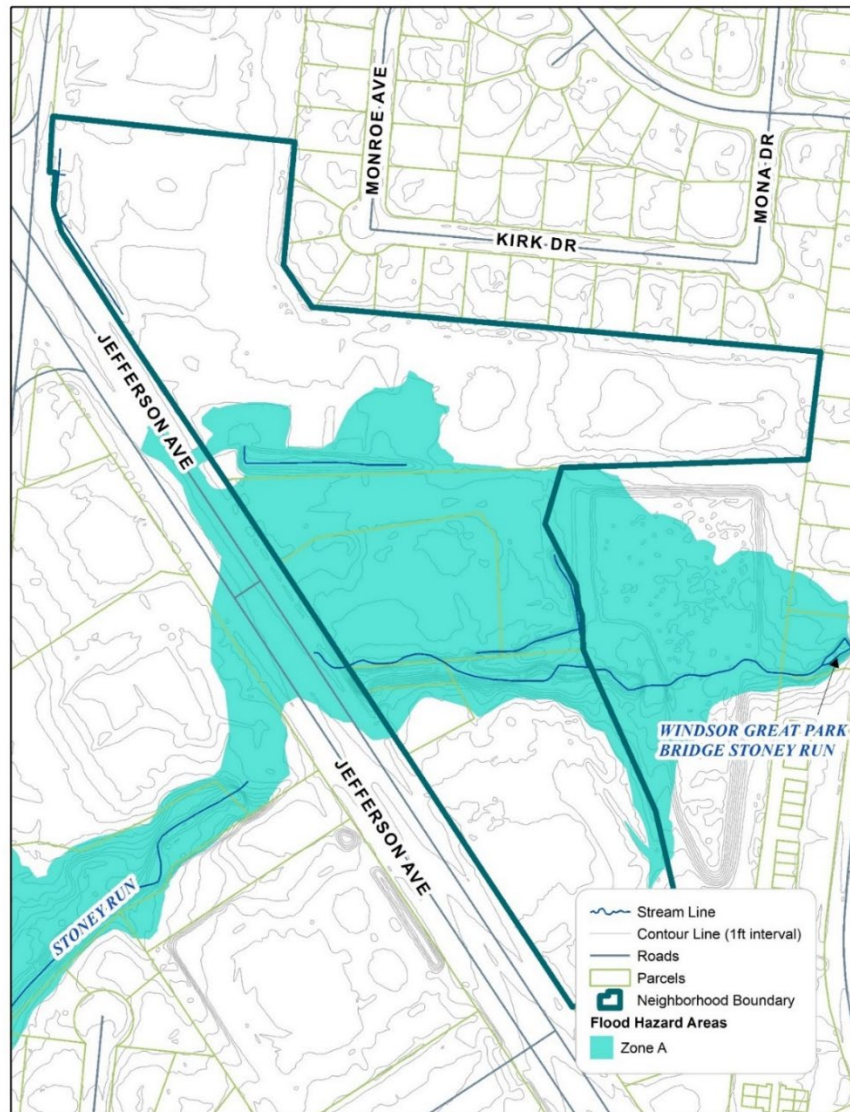


Figure 15: Richneck Road Repetitive Loss Area Map

4.14. SHERWOOD PARK REPETITIVE LOSS AREA

This neighborhood includes two single-family RL residences. One property suffered two losses, one in 1999 and one in 2006, and the second property suffered five losses from 1999 through 2012. Neither of the properties is mitigated and the property that suffered five losses is insured under the NFIP. The average claim value for the property with two losses was over \$8,000 and the average claim value for the property with five losses was over \$30,000. Neither is recorded in FEMA's system as an SRL property. The team identified four additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is subject to flooding from Lucas Creek. Figure 16 depicts the Sherwood Park Repetitive Loss Area.

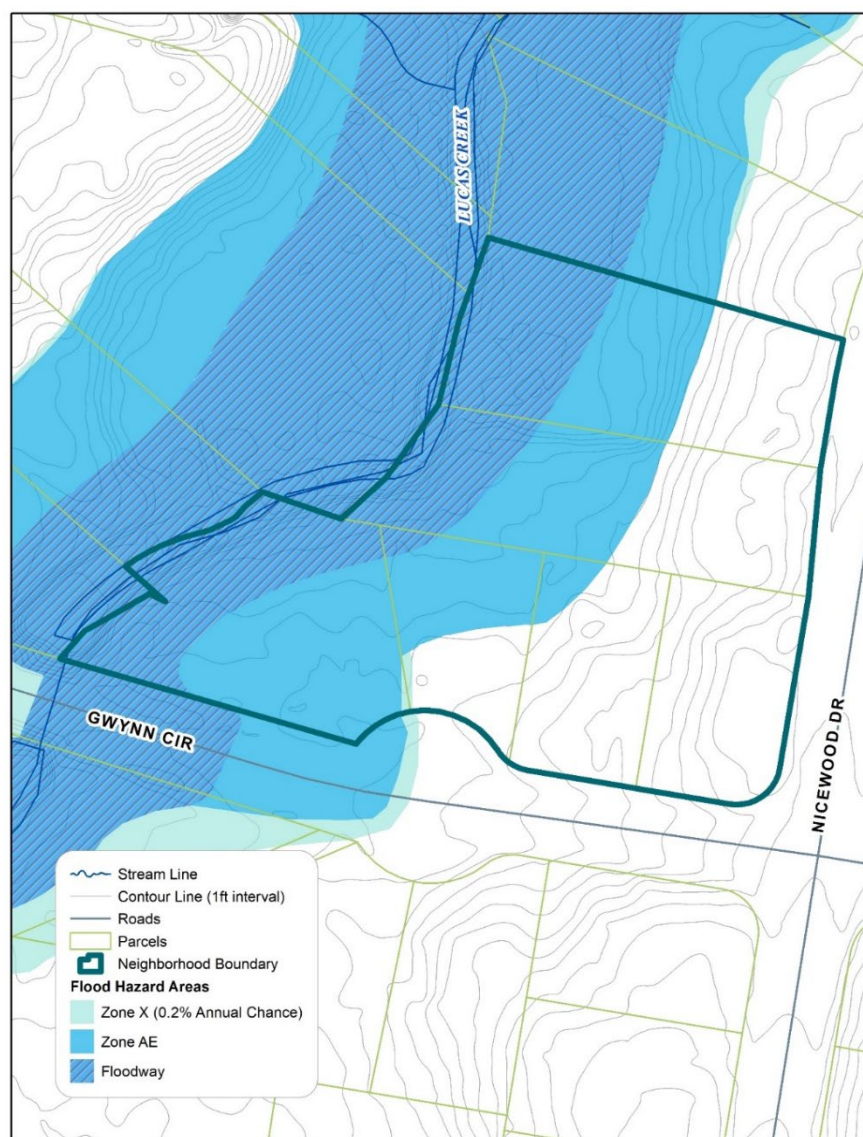


Figure 16: Sherwood Park Repetitive Loss Area Map

4.15. SHORE PARK REPETITIVE LOSS AREA

This neighborhood includes a single-family RL residence that had two losses from flooding events in 2003 and 2006. Similar to the other RL neighborhood properties, it is not mitigated or NFIP-insured. The average claim paid was just under \$3,000. This property is not an SRL property. The team identified thirty-five additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is affected by flooding from Lucas Creek. Figure 17 depicts the Shore Park Repetitive Loss Area.

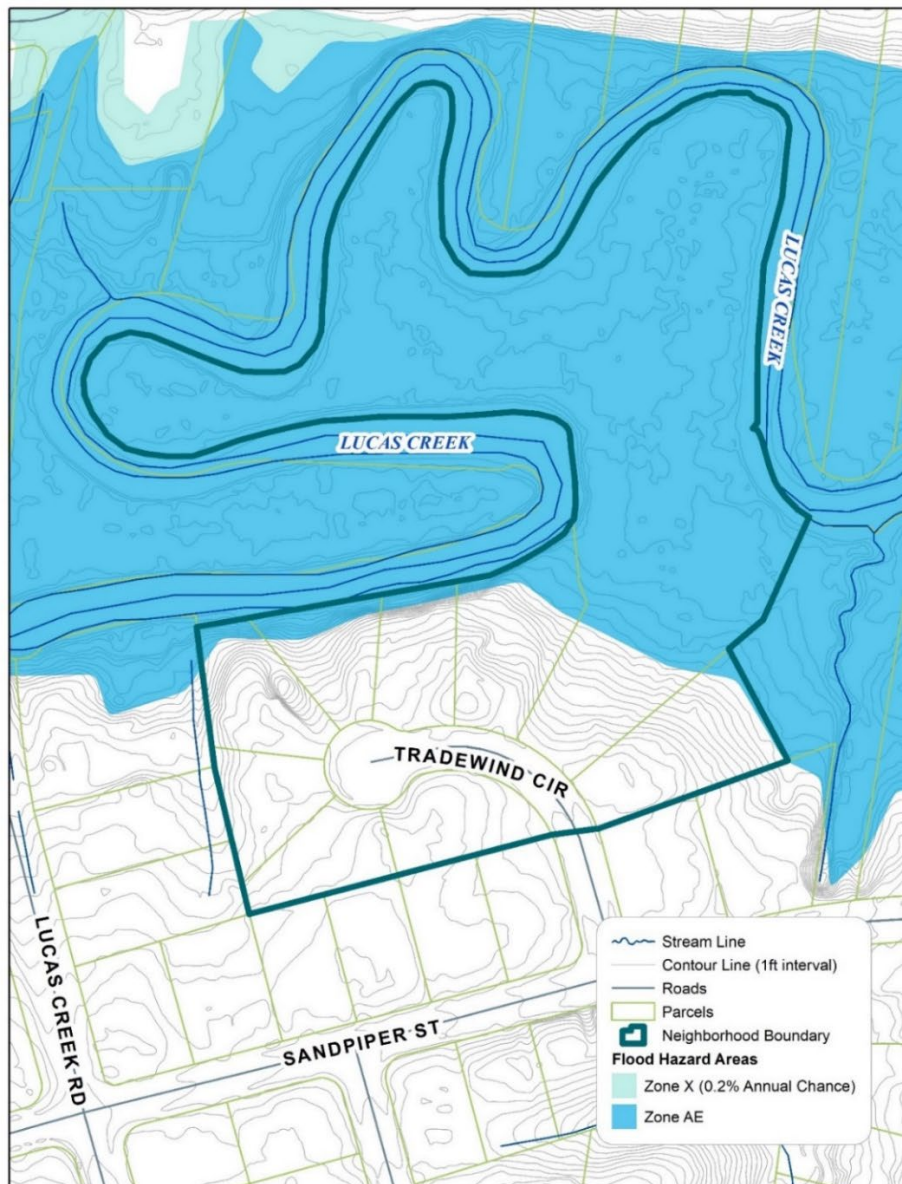


Figure 17: Shore Park Repetitive Loss Area Map

4.16. SOUTH RIVERMONT REPETITIVE LOSS AREA

This neighborhood includes a single-family RL property which suffered three total losses in three consecutive years from flooding - 2004, 2005, and 2006. The property is not mitigated or NFIP-insured and the average claim paid was approximately \$6,000. This property is not an SRL property. The team identified five additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. There is no local stream or natural drainage system within the neighborhood. This neighborhood is subject to urban flooding conditions. Figure 18 depicts the South Rivermont Repetitive Loss Area.

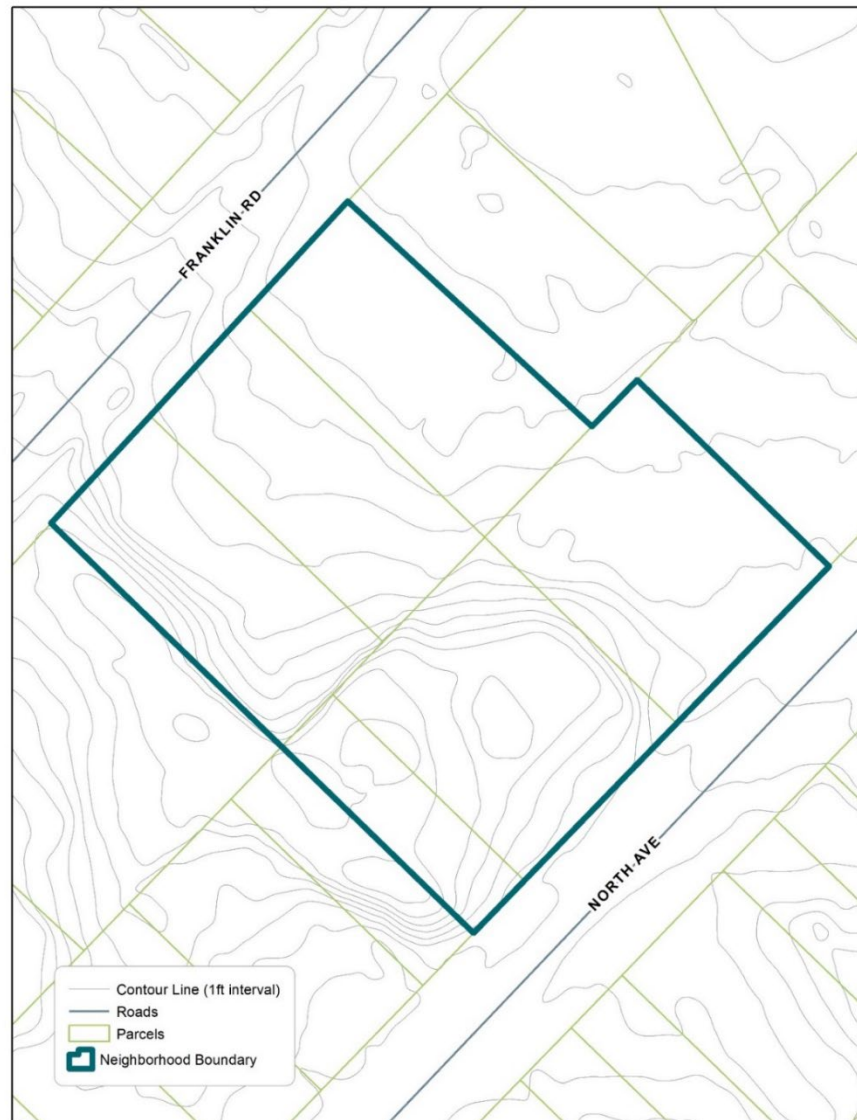


Figure 18: South Rivermont Repetitive Loss Area Map

4.17. STONEYBROOK ESTATES NORTH REPETITIVE LOSS AREA

The Stonybrook Estates North Neighborhood includes a single-family RL residence that is not mitigated but is insured under the NFIP. The property had losses in 2003, 2009, and 2011. The 2011 loss was associated with Hurricane Irene. The average claim paid was approximately \$6,000. This property is not an SRL property. The team identified eight additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood borders the Warwick River. Figure 19 depicts the Stonybrook Estates North Repetitive Loss Area.

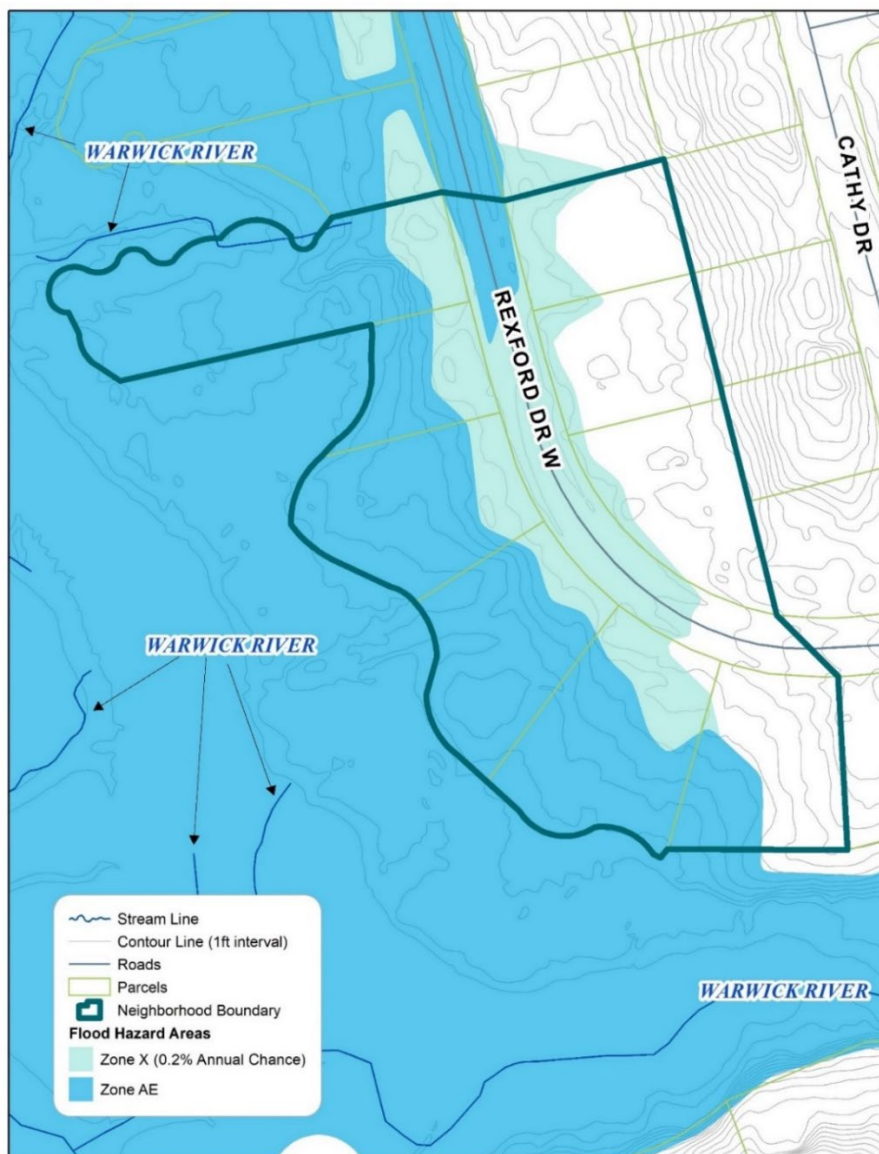


Figure 19: Stonybrook Estates North Repetitive Loss Area

4.18. STONEYBROOK ESTATES SOUTH REPETITIVE LOSS AREA

The Stonybrook Estates South Neighborhood includes two single-family RL residences on the same street, neither of which is mitigated but one of the two is NFIP-insured. Each property suffered two flooding losses: one had losses in 1999 and 2003 and the other had losses in 2006 and 2011. Average claims paid ranged from \$10,000 to \$40,000. Neither property is an SRL property. The team identified two additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The area borders the Warwick River. Figure 20 depicts the Stonybrook Estates South Repetitive Loss Area.

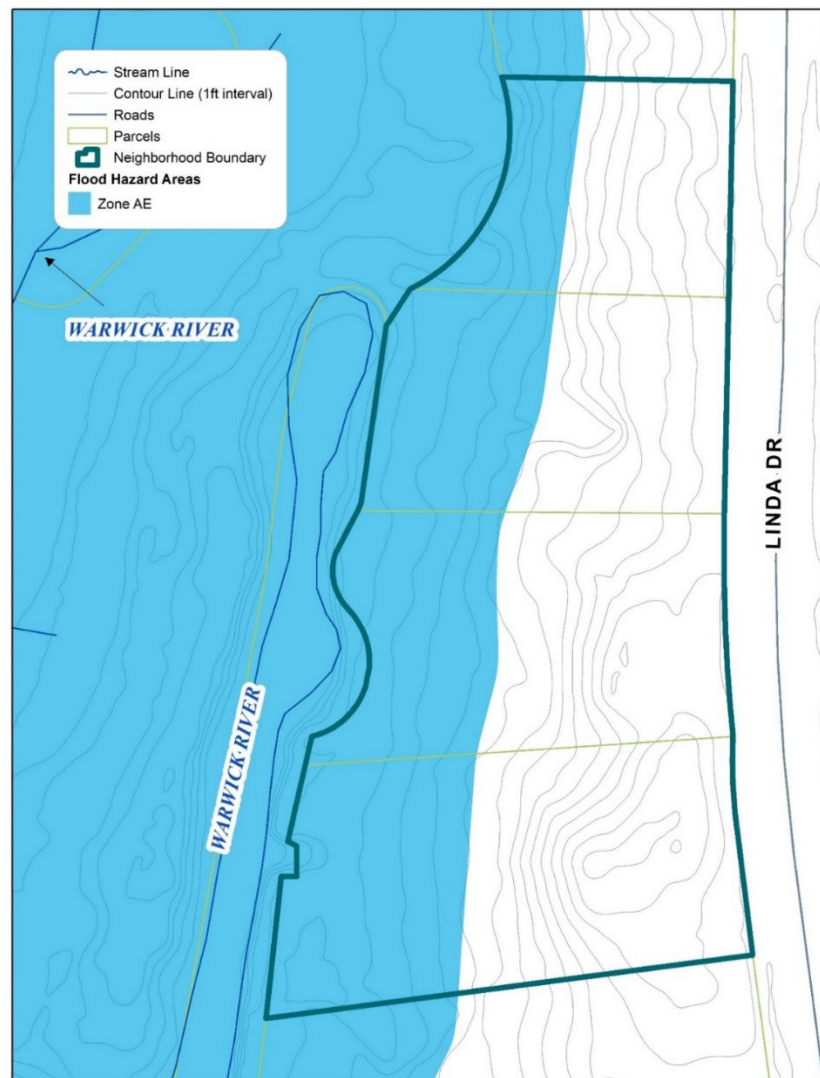


Figure 20: Stonybrook Estates South Repetitive Loss Area Map

4.19. WARWICK RIVER ESTATES REPETITIVE LOSS AREA

The Warwick River Estates Neighborhood includes six RL properties, four of which are on one street and the remaining two are on another street. One of the six properties is mitigated and three are NFIP-insured. All six properties suffered at least two flooding losses and two properties had three total losses. Dates of losses ranged from 1998 to 2011. Average claims paid ranged from \$8,000 to \$74,000. None of the properties are SRL properties. The team identified three additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The area is fully within the 1% annual chance floodplain of the Warwick River. Figure 21 depicts the Warwick River Estates Repetitive Loss Area.

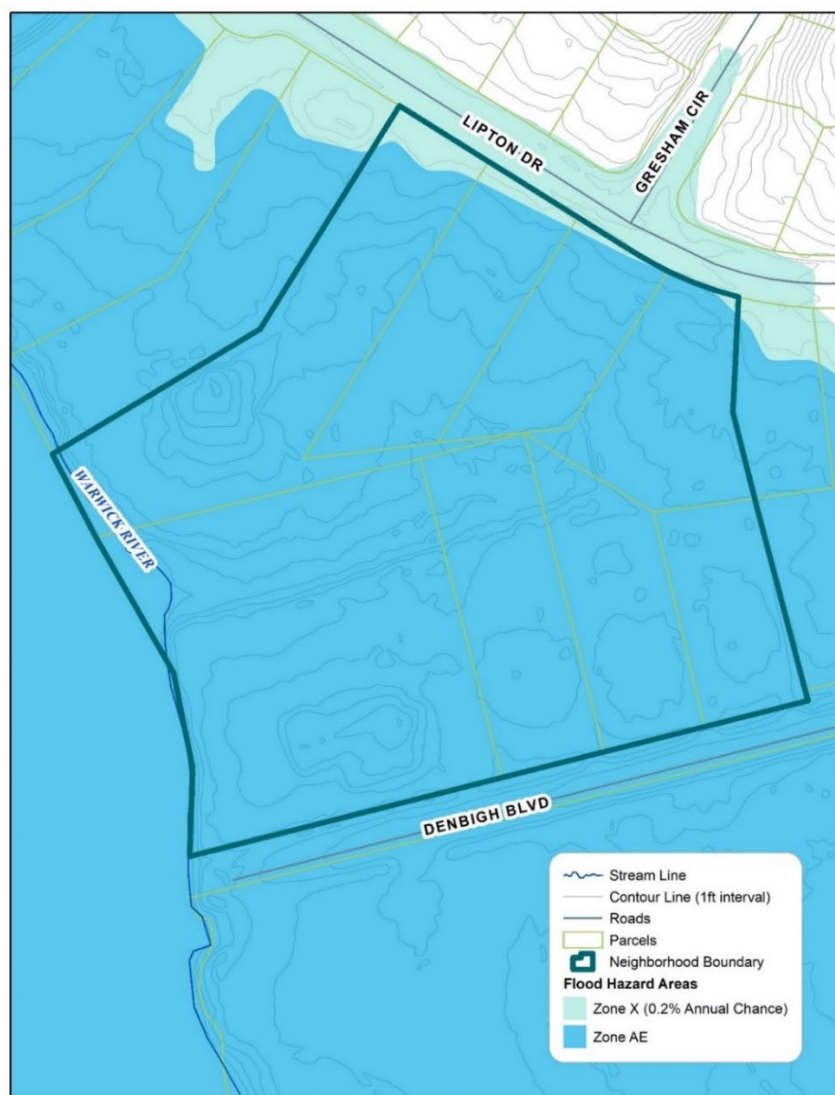


Figure 21: Warwick River Estates Repetitive Loss Area Map

4.20. WARWICK SHORES REPETITIVE LOSS AREA

The Warwick Shores RL property is a single-family residence that is insured under the NFIP but is not mitigated. The property has had four losses – 2003, 2006, 2016, and 2020. The average claim paid was approximately \$8,000. This property is not an SRL property. The team identified eleven additional properties in the neighborhood that are subject to similar flooding conditions and risk as the RL property. The neighborhood is bordered by the Warwick River. Figure 22 depicts the Warwick Shores Repetitive Loss Area.

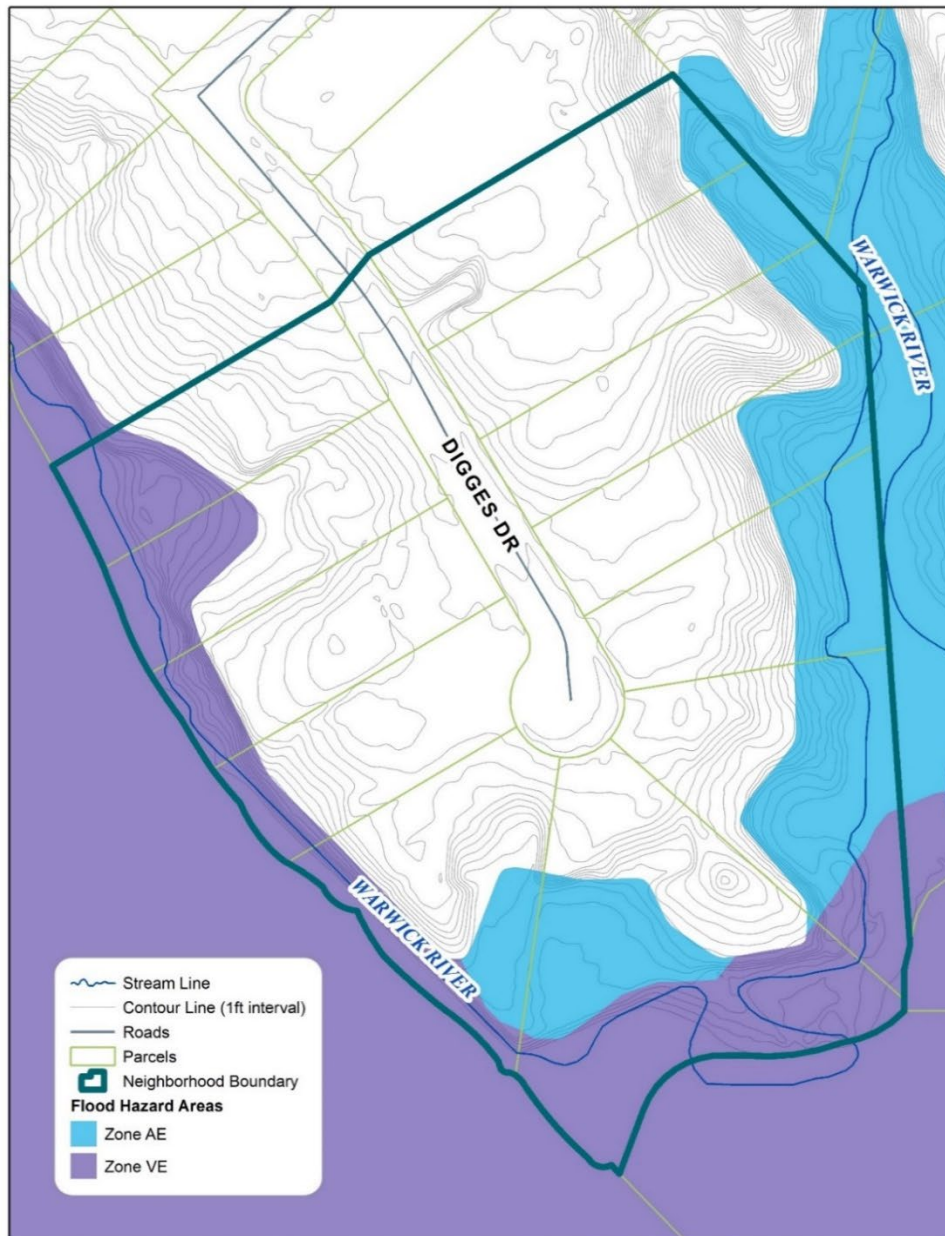


Figure 22: Warwick Shores Repetitive Loss Area Map

5. REVIEW OF ALTERNATIVE MITIGATION APPROACHES

A number of mitigation approaches exist to protect RL and SRL properties from future flood damage. Below is a discussion of several types of alternative mitigation actions that can be used to alleviate future flood damage.

Acquisition. This action involves buying one or more properties and clearing a site. If FEMA funds are used for the buyouts, the following apply: applicant for funds must demonstrate the benefits exceed the cost, using FEMA's benefit/cost software; the owner must be a willing seller; and the parcel would be deeded to a public agency that agrees to keep it preserved as open space.

The City has a buyout program called the Floodplain Assistance Program created by City Council in 1999. Since its inception, the City has purchased 80 properties for a total of over 15 acres within the floodplain and restored them to perpetual greenspace. 85% of the \$4.2 million spent has been City funds, and the remaining 15% has been FEMA grant funds.

Elevation. This action involves raising a structure above the Base Flood Elevation (BFE) or Design Flood Elevation (DFE) and is often seen as the best protection measure short of removing the structure from the floodplain entirely. The adopted DFE in Newport News is two feet above BFE in the city of Newport News. Often the foundation type of a structure dictates the cost and way in which elevation occurs. For example, elevation is more likely cost efficient for buildings on crawlspaces or piles/piers because it is easy to get equipment under the structure as opposed to slab foundations, which are much more difficult as the structural issues are more complex and the cost is higher.



Figure 23: Home in the process of being elevated.

Mitigation reconstruction – This mitigation action involves the construction of an improved, elevated building on the same site where an existing building and/or foundation has been partially or completely demolished or destroyed. Mitigation reconstruction results in code-compliant and hazard-resistant structures on elevated foundation systems (FEMA 2022).

Develop/update regulations. Development and construction standards can be written such that flooding can be minimized by new construction and buildings are protected from floodwaters. The City of Newport News has adopted more stringent floodplain management requirements that exceed the minimum NFIP standards. This includes a requirement that all new and substantially improved residential structures be built to the DFE. This requirement requires 2 feet of distance between the base flood elevation and the lowest floor elevation. This added level of protection is called freeboard.

Purchase flood insurance. While this measure does not reduce property damage from a flood, an NFIP policy has several advantages. First, a policy will cover damage caused by any surface flooding from any source. Second, highly localized flooding isn't likely to result in a disaster declaration, and flood insurance may be the only source of assistance to help homeowners. An NFIP policy is always in effect, except for the 30-day waiting period. Finally, flood insurance covers both structures and contents. Renters can purchase contents-only coverage, even if the building owner declines structural coverage.

Maintain drainage systems. Drainage maintenance includes maintenance efforts to ensure inlets, ditches, and canals are free of clogging debris.

Improve drainage systems. Methods of drainage improvements include overflow channels, channel straightening, restrictive crossing replacements, increased runoff conveyance capacity, and increased runoff storage. Modifying the channel attempts to provide a greater carrying capacity for moving floodwaters away from areas where damage occurs. Incorporating nature-based solutions such as bioretention facilities or wetlands to increase carrying and/or storage capacity and reduce flow velocity can also provide essential habitat and promote ecosystem development, providing additional benefits. Whenever drainage improvements are considered as a flood mitigation measure, the effects upstream and downstream from the proposed improvements need to be considered.

Install a rain barrel. A rain barrel is an alternative method for dealing with rainwater. Rain barrels are typically connected to gutter downspouts and collect the runoff from roofs. This stored water can be used for non-potable uses such as watering the lawn and gardens or washing cars.



Figure 24: Rain barrels collect stormwater runoff from roofs for reuse.

Install flood vents. Flood vents are small permanent openings that allow floodwater to flow freely through an enclosure such as a crawlspace or garage. Properly positioned and installed flood vents protect homes during floods by preventing water pressure buildup that can destroy walls and foundations. Flood openings are required for lower enclosures of homes being built in high-risk flood zones, but they can also be installed in existing homes. Once installed, flood vents must be kept free of debris to allow the free-flow of floodwater.



Figure 25: Flood vent allowing floodwaters to enter and pass through a structure.

Elevate utilities and service equipment. Raise and anchor air conditioning condensers, heat pumps, water meters, and other service equipment onto pedestals or platforms that are at least 1 foot above the potential flood elevation. For identified high-risk zones this means going to or above the regulatory flood elevation for the property as adopted by the local community. In the City of Newport News, this is two feet above the base flood elevation. This inexpensive action can help prevent significant damage and disruption following a flood event.

Anchor outdoor fuel tanks. Attach outdoor fuel tanks to a large concrete slab that weighs enough to resist the force of floodwaters or install inexpensive ground anchors that are connected across the top of the tank with metal straps. Unanchored fuel tanks can be easily moved and ruptured by floodwaters and pose serious threats to people, property, and the environment. If located in an identified high-risk zone, fuel tanks should also be elevated to or above the regulatory flood elevation as adopted by the local community. If not feasible then all filling and ventilation tubes should be elevated so that floodwaters cannot enter the tank.



Figure 26: HVAC (Heating, Ventilation, Air Conditioning) unit elevated above base flood elevation.

Install a sump pump. Sump pumps, which pump groundwater away from a structure, can be an excellent defense against basement seepage and flooding. They draw in the groundwater from around the house and direct it away from the structure through drainage pipes. A device with battery-operated backup should be used, in case of electrical power failure.

Correct or prevent sewer backup problems. Install drain plugs for all basement floor drains to prevent sewer backups. Another recommended option, regardless of the potential flood elevation, is to install sewer backflow valves for all pipes entering the building. These devices, which allow water to flow in only one direction, prevent floodwater and wastewater from backing up into structures through toilets, sinks, and other drains. They are available in a variety of designs that range from simple to complex, and they should be installed by a qualified, licensed plumber.

Construct/install barriers or redirect drainage. Temporary flood barriers, such as portable flood gates or shields, sandbags, inflatable floodwalls, and flood skirts can be effective and efficient ways to protect properties from flood damage but are not recommended for floodwaters deeper than three feet. Another factor that influences the usefulness of barriers is soil permeability as permeable soils will allow floodwaters to seep under the barrier, negating its protection.



Figure 27: Deployable flood barrier.

Seal foundation and basement walls. Any foundation cracks should be closed with mortar and masonry caulk or hydraulic cement, which expands and fills gaps completely. Walls in basements can be sealed with waterproofing compounds to avoid seepage, and floor drains should be clear of obstructions.

Reduce impervious surfaces. Impervious surfaces are areas on a property that are covered by solid surfaces, including buildings, parking lots, and driveways. These areas collect stormwater runoff during rainfall events and can worsen flooding. Reducing the amount of impervious area on a property prior to construction is ideal; however, parking lots and driveways can be retrofit to include permeable pavers and other features that allow water to seep into the ground, in turn reducing flooding and replenishing groundwater. Other features could include rain gardens (which use native, flood-tolerant plants) or green roofs- a type of roof that incorporates plants.






Each mitigation action has various pros and cons as summarized in Table 3 below.

Table 3: Alternative Mitigation Measure Pros and Cons.

MITIGATION MEASURE	ADVANTAGES	DISADVANTAGES
Acquisition	100% flood protection FEMA mitigation funds available for some properties	High cost Need source of non-FEMA cost share Need interested public agency to take over the land
Elevation	More secure flood protection Flood insurance rate reduction FEMA mitigation funds available for some properties	High cost Need source of non-FEMA cost share
Reconstruction	More secure flood protection Flood insurance rate reduction FEMA mitigation funds available for some properties	High cost Need source of non-FEMA cost share
Development Regulations	Provide property protection measures during construction at a lower cost Provide a mechanism to avoid future flood losses	Adds initial cost to a development project
Flood Insurance	Always in effect Works for all flood levels	Does not prevent flood damage (does provide funds for repairs)
Drainage Maintenance	A cost-effective way for communities to avoid future flood losses from small storms An effective way to avoid future repetitive flood losses	Requires regular monitoring and maintenance
Improve Drainage Systems	Protects yards and streets as well as buildings Recent projects appear to have had a positive impact Co-benefits to nature-based elements	Potentially high cost
Rain Barrels	Reduces stormwater runoff Reduces water consumption Low cost and effort	Only captures runoff from roof
Flood Vents	Reduces structure damage	Not for slab foundations
Elevate utilities and service equipment	Reduces equipment/utility loss	Potentially high cost (if elevating electrical)
Anchor outdoor fuel tanks	Reduces hazards from fuel tanks, including fire and explosions Low cost	Cannot alter rental tanks
Sump pumps	Provides mitigation during a flood	Requires electricity (unless battery-powered)
Correct/prevent sewer backup problems	Prevents sewer from backing up	Requires licensed plumber

MITIGATION MEASURE	ADVANTAGES	DISADVANTAGES
Barriers	Effective for shallow flooding	Subject to seepage May require human intervention Not feasible for lots that are subject to deeper flooding
Seal foundation and basement walls	Prevents foundation damage and seepage	Only addresses seepage
Reduce impervious surfaces	Low-cost Co-benefits, including groundwater recharge and food source (garden)	Only helps reduce stormwater runoff Does not provide protection when the groundwater table is high

The value of disaster planning greatly outweighs its cost. Hazard mitigation investments pay significant dividends when disasters strike. The table below depicts the benefit/cost ratios of various approaches in different hazard scenarios, as reported by the National Institute of Building Sciences.

National Institute of BUILDING SCIENCES™		ADOPT CODE	ABOVE CODE	BUILDING RETROFIT	LIFELINE RETROFIT	FEDERAL GRANTS
Overall Benefit-Cost Ratio		11:1	4:1	4:1	4:1	6:1
Cost (\$ billion)		\$1/year	\$4/year	\$520	\$0.6	\$27
Benefit (\$ billion)		\$13/year	\$16/year	\$2200	\$2.5	\$160
 Riverine Flood		6:1	5:1	6:1	8:1	7:1
 Hurricane Surge		not applicable	7:1	not applicable	not applicable	not applicable
 Wind		10:1	5:1	6:1	7:1	5:1
 Earthquake		12:1	4:1	13:1	3:1	3:1
 Wildland-Urban Interface Fire		not applicable	4:1	2:1	not applicable	3:1

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Figure 28: Benefit/cost ratios of various mitigation approaches in different hazard scenarios.

5.1. FUNDING AND FINANCING

A wide array of funding programs and financing mechanisms are available to help provide a means of paying for different mitigation actions. Funding and financing programs are available from state and federal, as shown in Table 4.

Table 4: Federal funding programs.

Program Name	Description	Funded Project Types		
		Planning/Preventative Activities	Structural Projects	Property Protection
FEDERAL PROGRAMS				
FEMA Building Resilient Infrastructure and Communities (BRIC)	Funding hazard mitigation and sustainability projects that reduce the risk from disasters and natural hazards.	✓	✓	✓
FEMA Flood Mitigation Assistance Grants (FMA)	FMA Grants provide funding for flood mitigation planning and flood risk reduction projects that will reduce National Flood Insurance Program (NFIP) claims. Congress appropriates money annually for this grant. Potential structural elevation, acquisition, and other site-level mitigation projects recommended in this plan are compatible with these grant requirements.	✓	✓	✓
FEMA Hazard Mitigation Program (HMGP)	Funding from HMGP is only available after a federally declared disaster. HMGP can be used by communities to undertake long-term mitigation projects. Communities can also use the funding for traditional elevation or buyout projects.	✓	✓	✓
NFWF Coastal Resilience Fund	Supports planning, design, and restoration of natural and nature-based solutions to help protect coastal communities from the impacts of storms, floods, and other natural hazards and enable them to recover more quickly and enhance habitats for fish and wildlife.	✓	✓	✓
STATE PROGRAMS				
Virginia Community Flood Preparedness Fund	Supports reduction of flood impacts (including flooding driven by climate change) for regions and localities across Virginia.	✓	✓	✓

Program Name	Description	Funded Project Types		
		Planning/Preventative Activities	Structural Projects	Property Protection
Virginia Conservation Assistance Program (VCAP)	Supports conservation landscaping; permeable pavement; impervious surface removal; rain garden; rainwater harvesting; living shoreline; dry well; bioretention; vegetated stormwater conveyance; green roof; infiltration; and constructed wetlands. VCAP provides financial, technical, and educational assistance to property owners installing eligible stormwater control practices where erosion, poor drainage, or poor vegetation growth occurs.			v

6. REPETITIVE LOSS AREA ANALYSIS PLANNING PROCESS

CRS requires certain steps to be met during the Repetitive Loss Area Analysis (RLAA). This RLAA included all five planning steps included in the 2017 CRS Coordinator's Manual:

Step 1: Advise all the properties in the repetitive loss areas that the analysis will be conducted and request their input on the hazard and recommended actions.

Step 2: Contact agencies and organizations that may have plans or studies that could affect the cause or impacts of the flooding. The agencies and organizations must be identified in the analysis report.

Step 3: Visit each building and collect basic data.

Step 4: Review alternative approaches and determine whether any property protection measures or drainage improvements are feasible.

Step 5: Document the findings. A separate analysis report must be prepared for each area.

Beyond the five planning steps, the following additional credit criteria must be met:

- The community must have at least one repetitive loss area delineated in accordance with the criteria in Section 503.
- The repetitive loss area must be mapped as described in Section 503.b. A Category "C" community must prepare analyses for all of its repetitive loss areas if it wants to use RLAA to meet its repetitive loss planning prerequisite.
- The repetitive loss area analysis report(s) must be submitted to the community's governing body and made available to the media and the public. The complete repetitive loss area analysis report(s) must be adopted by the community's governing body or by an office that has been delegated approval authority by the community's governing body.
- The community must prepare an annual progress report for its area analysis.
- The community must update its repetitive loss area analyses in time for each CRS cycle verification visit.

6.1. STEP 1. ADVISE ALL PROPERTY OWNERS

6.1.1 Letter and Survey

Individual letters were mailed to property owners within the twenty identified Repetitive Loss Areas on June 19, 2023 (See Appendix A). The letter informed residents of their flood risk and encouraged them to participate in upcoming public meetings and the Floodplain Management committee meetings. It also provided residents with a list of flood protection tips and mitigation measures to consider. Additionally, the letter informed residents of the City's participation in the Community Rating System and the resulting 15% flood insurance discount.

Included in this letter were links to an online survey and Stormwater Master Plan Storymap (See Appendix B). The Stormwater Master Plan Storymap provided residents with background related to

flooding in the City and introduced the Stormwater Master Planning Effort, a three-year initiative to comprehensively address flooding and stormwater issues across the City.

The “Flood Stories” survey gathered feedback on residents’ experiences with flooding and assessed their understanding of flood risk in Newport News. Respondents could specify a particular area of concern, the frequency and severity of the problem, the type of flooding or drainage issue of most concern, impacts, and any mitigation efforts that may have been done there. Additional questions assessed respondents’ flood insurance coverage and understanding of risk.

Many of the survey responses concerned flooding in repetitive loss areas, including Newmarket Creek, Salters Creek, Seafood Industrial Park, and Lee Hall. 57% of the 45 respondents reported experiencing flooding or drainage issues at least three times a year. Over 70% of respondents are extremely concerned about the reported drainage issue. And nearly 55% of respondents have taken at least one type of precaution by making their home or business more resistant to flood or drainage issues through the installation of flood mitigation measures or drainage improvements.

Figure 29 to Figure 33 summarize key findings from the survey responses.

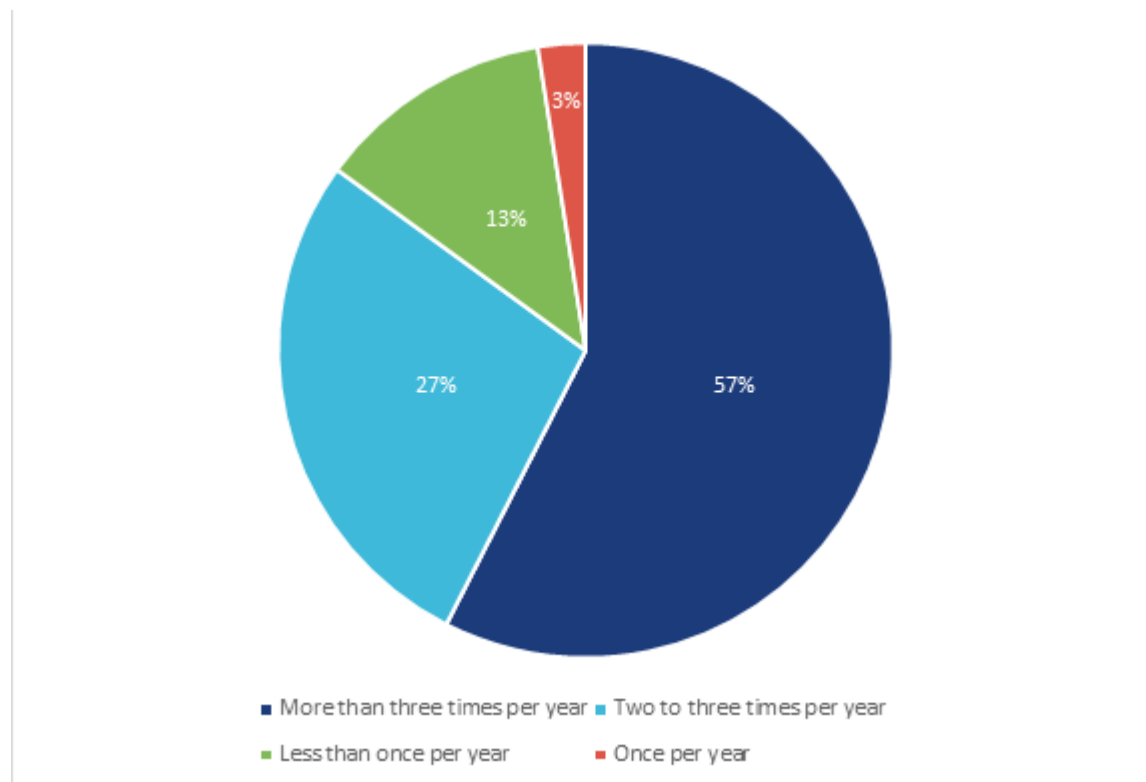


Figure 29: Survey Question: How frequently would you estimate the drainage issue occurs on this property or area?

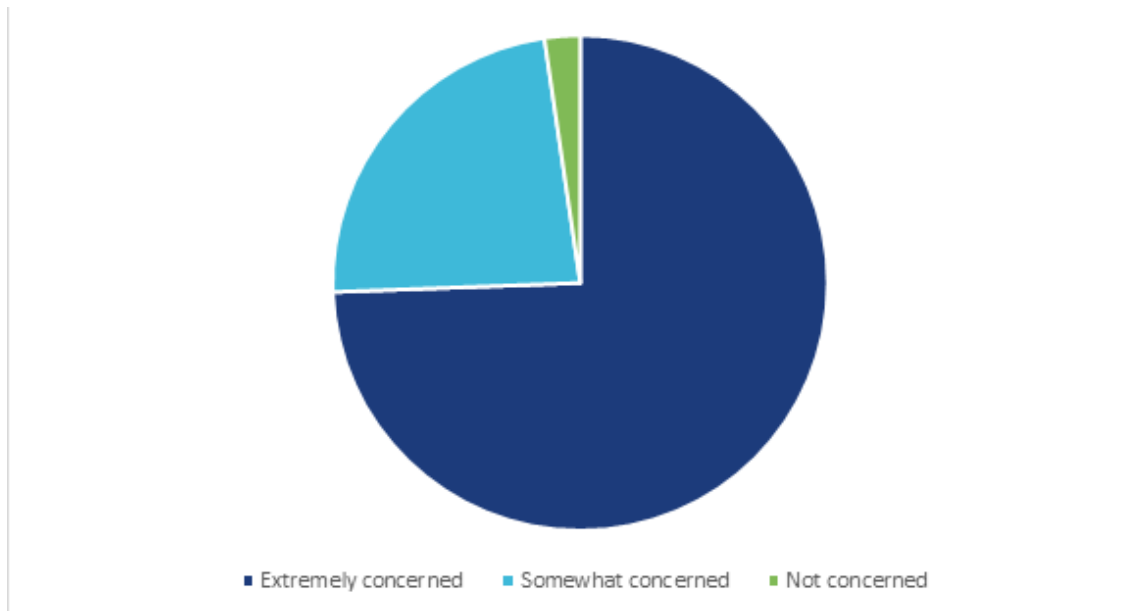


Figure 30: Survey Question: How concerned are you about the drainage issues at this property or area?

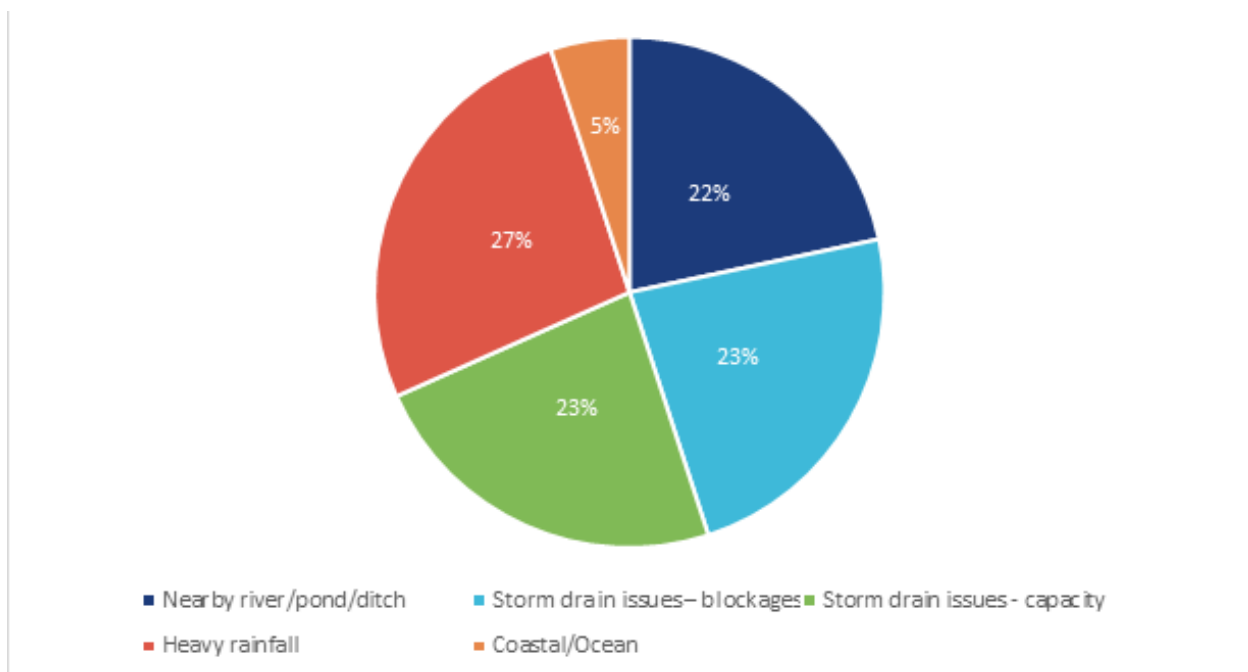


Figure 31: Survey Question: What do you perceive to be the source of the drainage issue?

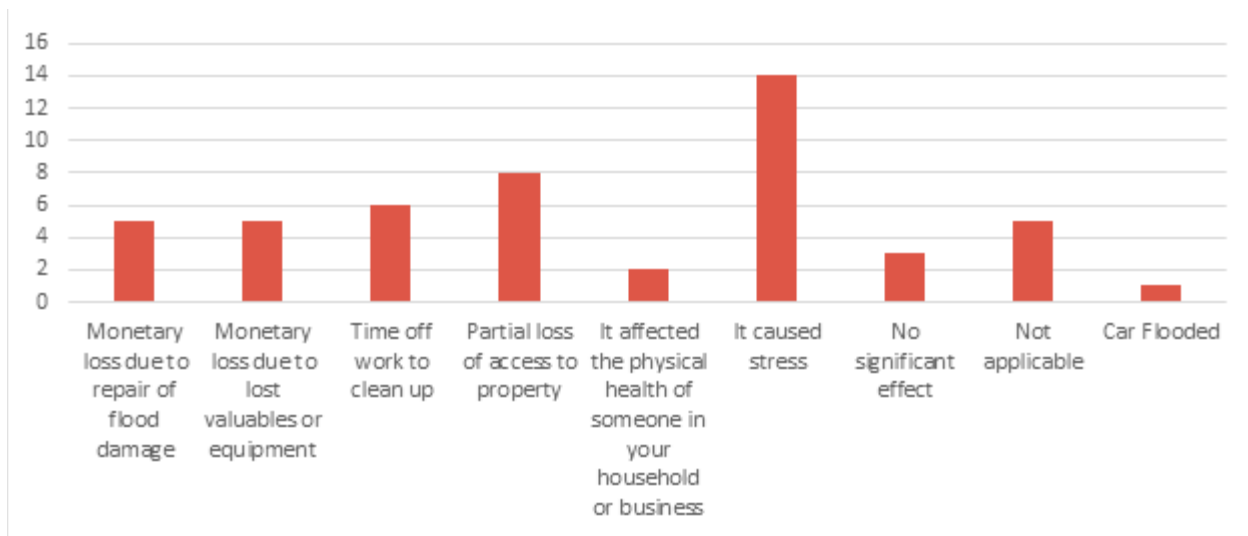


Figure 32: Survey Question: How have you been affected by flooding on this property?

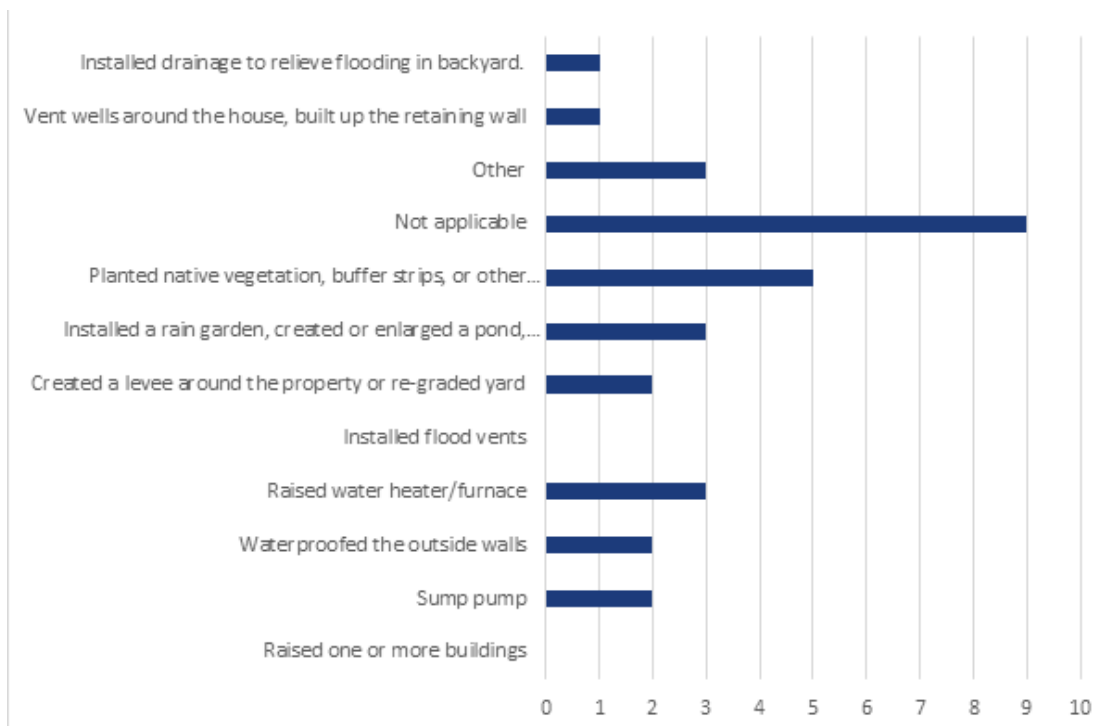


Figure 33: Survey Question: Have you installed any additional flood mitigation measures?

One survey respondent from the Salters Creek area wrote: “During heavy rains, storms, and some high tides, the intersection floods, along with the ditch in front of my house an arm of Salter Creek. Efforts were made several years ago to enlarge the street bridge drain. This did not mitigate the issues but helped. More needs to be done.”



Figure 34: Flooding in Salters Creek reported by survey respondent. During the event pictured, approximately 1.5 feet of water entered the crawl space and yard, where it remained for 4-6 hrs.”

Another respondent wrote “[the] City’s Seafood Industrial Park Harbor has large storm drains feeding into the harbor. All kinds of food containers, bottles, plastics, etc. that are thrown in the streets or left in uncovered trash receptacles are washed down the storm drains during rain events resulting in massive amounts of debris polluting the waterway.”



Figure 35: Water Quality issue in Seafood Industrial Park (pollutants entering the waterway) more than three times per year

Another discussed flooding on Nicewood Drive in the Sherwood Park Repetitive Loss Area: “During prolonged or heavy rains we experience quick and intense flooding. Upward of 3 feet in the deepest and

farthest back part of our property. The water is getting closer and closer to coming into our home and we are on half an acre.”



Figure 36: Single-family home on Nicewood Drive where flooding occurs more than three times per year with 2 feet or more of water in the yard only. Water takes approximately 24 hours to recede.

6.1.2 Public Meetings and Feedback

A series of three public meetings were held July 18 – 20, 2023 to discuss the Stormwater Master Plan and gather feedback from attendees on flooding concerns and potential solutions. The public meetings were held in three different locations to enhance accessibility and attendance, especially for those living in special flood hazard areas and repetitive loss areas.

The meetings began with an overview presentation to provide clarity on the purpose, scope, and objectives of the City’s Stormwater Master Planning effort. The remainder of the meetings were held in an open house setting, with four stations that attendees could rotate around at their leisure. A facilitator, map and/or poster were at each station.



Figure 37: Introductory presentation at one of the public meetings.

The first station defined flood risk and community assets and explored flooding sources and hotspots. The second station explored sources of flooding impacted by climate change (sea level rise, precipitation), discussed areas likely to have the greatest exposure and vulnerability to future coastal flood risk, and gathered feedback on areas and assets residents are most concerned about with regards to future flooding. A third station gathered feedback on possible structural and nonstructural strategies to address priority hazards, risks, and vulnerabilities, discussed/highlighted co-benefits to flood-centric solutions, and gathered feedback on what a resilient Newport News might look like. Lastly, a fourth kids' station was equipped with a watershed model that simulated stormwater runoff and flooding.

In addition to verbal comments, meeting attendees were given the option to highlight areas on a paper map and submit a paper copy of the "Flood Stories" survey.

The first public meeting was held at the Brittingham-Midtown Community Center and covered the following Repetitive Loss Areas located in the central portion of the city:

- Warwick Shores
- Denbigh Plantation
- Maxwell Gardens
- Nelson Drive
- Shore Park
- Sherwood Park
- Hertzler Road

There were 28 members of the public in attendance and an additional 3 attendees online for this meeting.

The second public meeting was held at the Denbigh Community Center and covered the following Repetitive Loss Areas in the northern portion of the city:

- Lee Hall
- Moyer Road
- Stoneybrook Estates North & South
- Richneck Road
- Hanover Heights
- Auburn Pointe
- Warwick River Estates
- Sherwood Park

There were 30 members of the public in attendance and an additional 2 attendees online for this meeting.

The third public meeting was held Downing Gross Center Marion Poe Meeting Room and covered the following Repetitive Loss Areas in the southern portion of the city:

- Newmarket Creek
- Salter's Creek
- Seafood Industrial Park
- Hilton Place
- South Rivermont

There were 27 members of the public in attendance and one additional attendee online during this event.

6.2. STEP 2. CONTACT AGENCIES AND ORGANIZATIONS

Letters were issued on June 19, 2023 to 48 agencies, organizations, institutions, associations, adjoining communities, and other stakeholders to request their involvement in the master planning effort (See Appendix D). Recipients were asked to complete an online survey with their feedback on studies, plans, or information pertinent to the floodplain management plan, including mitigation activities being considered or implemented in Newport News and adjoining communities.

Additionally, a series of four stakeholder interviews were conducted. The interviews gauged stakeholders' experiences with flooding, how they have been impacted personally, and potential solutions. A total of 33 stakeholders participated in the interviews, and consisted of residents, business owners, university representatives (including Temple University, Hampton University, and Christopher Newport University), the Port of Virginia, the National Association for the Advancement of Colored People, and the Virginia Peninsula Chamber of Commerce, among others. Several interviewees represented the Repetitive Loss Areas and discussed their experiences with flooding. Additionally, a

representative from the Virginia Department of Conservation and Recreation participated in the Floodplain Management Plan and Program for Public Information Committee meetings.

6.3. STEP 3. BUILDING DATA COLLECTION

Property-specific information for the Repetitive Loss Area properties was compiled and data collected for each property includes:

- Year built
- Flood zone
- Base flood elevation
- Foundation type and condition
- Structure condition
- Flooding source
- Drainage patterns
- Number of stories

Using this information, mitigation measures appropriate to each structure type and flooding condition within the Repetitive Loss Areas were developed. These recommendations are included in Section 7.1 through 7.20. Building-specific details and recommendations are included in Property Specific Flood Protection Measures Recommendations Table in Appendix E.

6.4. STEP 4. REVIEW ALTERNATIVE APPROACHES

As discussed in Section 5 – Review of Alternative Approaches, a variety of mitigation measures exist to reduce future flood damage in the City of Newport News. Section VI includes opportunities for application of a number of mitigation approaches, a summary of regulatory and programmatic approaches, preventive activities, property protection activities, natural resource protection activities, emergency services measures, and structural projects recommended city-wide. Section VII also presents repetitive loss area-specific tactics to reduce future risk including ongoing projects and property protection measures.

6.5. STEP 5: DOCUMENT THE FINDINGS.

Section 7 includes area-specific characteristics, risk reduction strategies including structural projects, and mitigation recommendations for each of the repetitive loss areas.

7. REVIEW OF ALTERNATIVE MITIGATION ACTIONS

Repetitive loss areas are especially vulnerable to flooding in Newport News. Enhanced mitigation efforts in these areas are key to improving flood resilience in the city and protecting the most at-risk residents and infrastructure.

A variety of mitigation efforts, policies, and programs are being employed to manage flooding in Newport News' repetitive loss areas. The following section discusses opportunities for application of a number of mitigation approaches, including regulatory and programmatic approaches, preventive activities, property protection activities, natural resource protection activities, emergency services measures, structural projects, and public information activities. Recommended city-wide policy and programmatic approaches are highlighted, followed by repetitive loss area-specific characteristics, ongoing projects, and recommendations.

Some best practices used to promote community climate change resilience through policies and programs include:

- Directing development and redevelopment towards areas of lower current and future projected flood risk
- Adopting freeboard standards that directly or indirectly account for future flood elevations
- Incorporating strategies that offer multiple benefits, such as reduced flood risk and urban heat mitigation
- Integrating resilience measures into existing site-plan review processes
- Engaging stakeholders in the process of developing and implementing resilience standards
- Consider environmental justice when evaluating mitigation options to ensure equitable outcomes.

The following policy recommendations are being considered to enhance flood resilience city-wide.





Table 5: Potential Floodplain Regulation and Policy Updates



#	Policy Recommendation
1	Raise elevation requirements to increase freeboard in the SFHA.
2	Create a zoning overlay district, such as an SLR district, that accounts for future climate conditions and raises requirements in these areas.
3	Limit at-grade construction throughout the City by requiring a minimum freeboard above grade.
4	All construction in designated wetland areas must be permitted by the US Army Corps of Engineers (USACE).
5	Require base flood elevation data for development proposals that exceed 5 lots or 50 acres (whichever is less).
6	Require all development plans to show current and future floodplain boundaries.

#	Policy Recommendation
7	Require green space development to be included with all new development and redevelopment plans in the floodplain.
8	Apply minimum setback distance and buffers considering future flooding and erosion conditions to new development and reconstruction of existing structures.
9	Pursue grant funding for capacity building for the City to establish resilience-focused positions.
10	Integrate resilience checklist items into existing review processes to verify that resilience measures were incorporated during screening/scoping for infrastructure projects.
11	Incorporate the most recent sea level rise, precipitation, and recurrent flooding data into the update of the City's Comprehensive Plan.
12	Identify and overlay areas of floodplain expansion and flood risk on the Comprehensive Plan's land use plan.
13	Incorporate future projected flood elevation conditions into the development plans for updates to the Planning Opportunity Areas.
14	Adopt a system of rewarding developers with density bonuses for sea level rise buffers based on 2050 projections.
15	Require all new development to be low-impact and clustered to conserve green space.
16	Identify qualified public or private land conservation organizations that can work as partners to the City and to whom the City can transfer ownership of open space, building capacity to manage acquired properties.

Additional actions underway or being considered in the Newport News are included in Table 6. These include CRS-identified action types, including preventive, property protection, natural resource protection, emergency services, structural projects, and public information activities. Table 6 provides examples for each action type.

Table 6: Action Types and Examples.

Action Type	Examples
 Preventive activities keep flood problems from getting worse.	Floodplain mapping and data • Planning and zoning • Open space preservation • Stormwater management • Floodplain regulations • Drainage system maintenance • Erosion setbacks • Building codes
 Property protection activities are usually undertaken by property owners on a building-by-building or parcel basis.	Relocation • Retrofitting • Acquisition • Sewer backup protection • Building elevation • Insurance
 Natural resource protection activities preserve or restore natural areas or the natural functions of floodplain and watershed areas. Also known as nature-based solutions.	Wetlands protection • Water quality improvement • Erosion and sediment control • Coastal barrier protection • Natural area preservation • Environmental corridors • Natural area restoration • Natural functions protection
 Emergency services measures are taken during an emergency to minimize its impact.	Hazard threat recognition • Critical facilities protection • Hazard warning • Health and safety

Action Type	Examples
	maintenance • Hazard response operations • post-disaster mitigation actions
 Structural projects keep flood waters away from an area with a levee, reservoir, or other flood control measure.	Reservoirs • Channel modifications • Levees/floodwalls • Storm drain improvements • Diversions
 Public information activities advise property owners, potential property owners, and visitors about the hazards, ways to protect people and property from the hazards, and the natural and beneficial functions of local floodplains.	Map information • Library • Outreach projects • Technical assistance • Real estate disclosure • Environmental education

The following actions are recommended for mitigating flooding and flood losses in repetitive loss areas. Table 7 depicts which of the actions are recommended for each repetitive loss area.

- **Flood Assistance Program.** Learn about the City's Flood Assistance Program and potential grant funding available for acquisition, elevation, or reconstruction.
- **Flood vents.** Install flood vents in the foundation walls of buildings on a crawlspace to help protect the structure from flood damage by reducing the pressure from flood waters.
- **Elevate mechanical & electrical.** Elevate air-conditioning units, furnaces, and electrical equipment or create a shield to divert water to protect utilities and appliances from flooding. These efforts will not only protect the equipment in a flood, they may also provide a discount on flood insurance.
- **Backflow prevention/sump pump.** Install drain plugs for all floor drains to prevent sewer backups or a sewer backflow valve for all pipes entering the building. Sump pumps, which pump groundwater away from the building, can also be an excellent defense against flooding.
- **Maintain or improve drainage.** Maintain proper water runoff and drainage. Routinely cleaning and maintaining gutters, downspouts, and splashpads so that rainwater from the roof flows easily away from the building. Make sure that nearby drainage ditches or storm drains are clear of debris and functioning properly. Determine how water flows or accumulates around the building to identify potential trouble spots (often easy to see during an average rainstorm). Stormwater should always drain away from the building; if necessary, landscaping changes can improve runoff. This may include building up any sunken areas around the foundation, digging small depressions to properly channel water, and otherwise improving the yard so that it slopes away from the building.
- **Flood insurance.** Insure the building and contents. Purchasing a flood insurance policy is highly recommended.
- **Limited Use of Basements.** Basements are particularly floodprone. Residents should limit the furnishings and equipment in the basement to the extent possible.
- **Construct/install barriers or redirect drainage.** Temporary flood barriers, such as portable flood gates or shields, sandbags, inflatable floodwalls, and flood skirts can be effective and efficient ways to protect properties from flood damage but are not recommended for floodwaters deeper than three feet. Another factor that influences the usefulness of barriers is soil

permeability as permeable soils will allow floodwaters to seep under the barrier, negating its protection.

- **Maintain open space.** Properties that are already vacant in a repetitive loss area should be maintained as such.

Table 7: Area-specific mitigation recommendations.

Neighborhood	Flood Assistance Program	Flood Vents	Elevate Mechanical & Electrical	Backflow/Sump Pump	Drainage Improvements	Flood Barrier	Limited Use of Basement	Get Flood Insurance	Maintain Open Space
Salters Creek	✓	✓	✓	✓	✓	✓	✓	✓	✓
Newmarket Creek	✓	✓	✓	✓	✓	✓		✓	✓
Seafood Industrial Park			✓	✓	✓	✓		✓	✓
Nelson Drive		✓	✓	✓	✓	✓		✓	
Denbigh Plantation	✓	✓	✓	✓	✓	✓		✓	
Hanover Heights	✓	✓	✓	✓	✓	✓		✓	
Hertzler Road	✓	✓	✓	✓	✓	✓	✓	✓	
Hilton Place	✓	✓	✓	✓	✓	✓		✓	
Lee Hall	✓	✓	✓	✓	✓	✓	✓	✓	✓
Maxwell Gardens	✓	✓	✓	✓	✓	✓	✓	✓	✓
Moyer Road	✓	✓	✓	✓	✓	✓	✓	✓	✓
Auburn Pointe		✓	✓	✓	✓	✓		✓	
Richneck Road			✓	✓	✓	✓		✓	
Sherwood Park	✓	✓	✓	✓	✓	✓		✓	
Shore Park	✓	✓	✓	✓	✓	✓	✓	✓	✓
South Rivermont	✓	✓	✓	✓	✓	✓		✓	
Stoneybrook Estates North	✓	✓	✓	✓	✓	✓		✓	✓
StoneyBrook Estates South	✓	✓	✓	✓	✓	✓	✓	✓	
Warwick River Estates	✓	✓	✓	✓	✓	✓		✓	
Warwick Shores	✓	✓	✓	✓	✓	✓	✓	✓	

The section that follows includes area-specific characteristics and ongoing risk reduction strategies including structural projects.

NOTE: Photos of affected areas are sourced from Google applications imagery unless otherwise noted. Statistics for neighborhood income and poverty rate are sourced from <https://www.city-data.com/>

7.1. SALTERS CREEK REPETITIVE LOSS AREA

7.1.1 Characteristics

- Salters Creek is a residential low-income neighborhood with a poverty rate of 20.8% and \$33,671 median household income. The majority of houses were built before 1980 with 46% before 1960, 60% before 1970, 83% before 1980, respectively. The neighborhood is comprised of mostly single-family houses with some commercial properties. There is a mix of foundation types in the neighborhood including slab on grade, crawlspace, and buildings with basements.
- It is a low-lying area largely located in the SFHA and known for frequent recurring flooding.



Source: Kristen Zeis / Via WHRO

Figure 38: Aerial View of Salters Creek Repetitive Loss Area

7.1.2 Ongoing Risk Reduction Strategies

- Nearly 80 buyouts of flood prone properties have been completed in Newport News, mostly in Salters Creek. Salters Creek will remain a target of outreach efforts to increase awareness of the City's Flood Assistance Program.
- Efforts are underway to reduce flooding throughout the Salters Creek watershed by improving the capacity of the existing drainage system, providing additional storage, and ensuring compliance with stormwater regulations.
- One project was completed by the city that improved the channel and constructed wetland areas to provide additional flood storage, and other projects are being evaluated at the present time to further increase flood storage capacity and create new open space park land.
- Buxton Avenue has been raised several feet to ensure safe in and out passage into the Salters Creek Neighborhood during a flood event.

7.1.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.2. NEWMARKET CREEK REPETITIVE LOSS AREA

7.2.1 Characteristics

Newmarket Creek is a low-income residential neighborhood with a 15.3% poverty rate and \$38,615 median household income. The majority of houses were built before 1980 with 38% before 1960, 62% before 1970, 77% before 1980, respectively. The neighborhood is comprised mostly of single-family houses with some apartment complexes and commercial buildings. There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations but no single-family homes with basements.

This is a low-lying area largely located in the SFHA and known for frequent recurring flooding.



Figure 39: Aerial View of Newmarket Creek Repetitive Loss Area

7.2.2 Ongoing Risk Reduction Strategies

Efforts are underway to improve the drainage behind Watkins Elementary School (21 Burns Rd) and 270 Bennis Road to reduce flooding. The project includes constructing stormwater facilities at the school and City property, plus widening the channel. Added storage and conveyance capacity will benefit the community by facilitating stormwater flow and reducing localized flooding for 10-50 year rain events.

City Line Apartments (Mytilene Dr) has their own Emergency Action Plan that involves on-going education; renter commitments and Landlord enforcement provisions for evacuation communications; pre-evacuation of the residents when a major storm threatens; and reconstruction techniques (storm proofing the bottom 18-inches of first floor with washable/replaceable materials and joints for fast reconstruction). The building owners are further developing plans to handle heavy rainfall events and the City of Newport News and City of Hampton are also partnering to perform a detailed flood modeling study of the same area which will provide the foundation for potential future projects that reduce flood risk in the area.

7.2.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.3. SEAFOOD INDUSTRIAL PARK REPETITIVE LOSS AREA

7.3.1 Characteristics

- Industrial
- Mainly warehouses and other industrial buildings
- Largely located in the SFHA/known for somewhat frequent recurring flooding



Figure 40: Seafood Industrial Park Repetitive Loss Area

7.3.2 Ongoing Risk Reduction Strategies

- Newport News received a grant for expansion of Seafood Industrial Park. Newly developed buildings (if any) should be constructed with more cautionary flood protection.

7.3.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.4. NELSON DRIVE REPETITIVE LOSS AREA

7.4.1 Characteristics

- Middle Class – 6.8% poverty/median household income \$54,001
- Originally built in 1920s, majority of homes torn down and new larger homes rebuilt
- Majority single-family houses and some apartment buildings
- Homes in this neighborhood are constructed on crawlspace foundations
- Not located in the SFHA /characterized by urban flooding conditions



Figure 41: Aerial View of Nelson Drive Repetitive Loss Area.

7.4.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.4.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.5. DENBIGH PLANTATION REPETITIVE LOSS AREA

7.5.1 Characteristics

- Upper Middle class – 5.4% poverty/median household income \$101,316
- Majority single-family houses built from 1970 to 1990
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and basements.
- Partially located in the SFHA



Figure 42: Aerial View of Denbigh Plantation Repetitive Loss Area

7.5.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.5.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.6. HANOVER HEIGHTS REPETITIVE LOSS AREA

7.6.1 Characteristics

- Middle class – 8% poverty/median household income \$52,054
- Majority single-family houses built from 1970 to 1990
- Buildings in this neighborhood are largely built on crawlspace foundations
- Partially located in the SFHA



Figure 43: Aerial View of Hanover Heights Repetitive Loss Area

7.6.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.6.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.7. HERTZLER ROAD AREA REPETITIVE LOSS AREA

7.7.1 Characteristics

- Upper Middle Class – 5.4% poverty/median household income \$101,520
- Single-family homes mostly built between 1960 to 1990/ 2022
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and basements.
- Located in close proximity to coastal flood hazard zone



Figure 44: Aerial View of Hertzler Road Repetitive Loss Area.

7.7.2 Ongoing Risk Reduction Strategies

- Stormwater drainage has been improved with the 89 single-family home subdivision development.

7.7.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.8. HILTON PLACE REPETITIVE LOSS AREA

7.8.1 Characteristics

- Middle Class – 20.8% poverty/median household income \$50,497
- Single-family houses mostly built between 40s and 70s
- Homes in this neighborhood are largely built on crawlspace foundations
- Located in the SFHA



Figure 45: Aerial View of Hilton Place Repetitive Loss Area.

7.8.2 Ongoing Risk Reduction Strategies

- Hilton South Drainage Improvements include Installation of new stormwater system, designed to current standards, within the City's right-of-way. The neighborhood pipe system has been upgraded to reduce flooding and redirect surface drainage from multiple backyards to the drainage system and through local BMP's.
- The James River Shoreline Stabilization protects 720 linear feet of shoreline on the James River to address severe erosion and failure of the steep slope along River Road, and to protect existing utilities and the road. It is currently in construction.

7.8.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.9. LEE HALL REPETITIVE LOSS AREA

7.9.1 Characteristics

- Middle class – 20.4% poverty/median household income \$53,042
- Single-family houses mostly built between 70s and 90s
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and basements.
- Adjacent to SFHA



Figure 46: Lee Hall Repetitive Loss Area.

7.9.2 Ongoing Risk Reduction Strategies

Drainage improvements are planned to alleviate flooding for the Chelsea Place apartment complex parking lots and two apartment buildings housing 15 apartments. The drainage system in Chelsea Place apartments drains to a channel along the CSX right-of-way, then through a small culvert to a drainage channel along Warwick Blvd. The culvert under the railroad right-of-way is undersized and causes flooding in the parking lot of the apartments. This project includes an analysis of the system with design and construction to improve drainage. Flood risk will be reduced upstream and downstream of the improvements by increasing flow through the drainage outfall of the apartments and diverting some of the flow from Edgemoor Drive to a new outfall.

The owners of the Chelsea Place apartment complex are responsible for upgrading their drainage systems.

7.9.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.10. MAXWELL GARDENS REPETITIVE LOSS AREA

7.10.1 Characteristics

- Middle Class – 2.6% poverty/\$81,333 median household income
- Single-family houses mostly built between 80s and 2000s
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and basements.
- Located partially in SFHA



Figure 47: Maxwell Gardens Repetitive Loss Area.

7.10.2 Ongoing Risk Reduction Strategies

- None identified at the present time.

7.10.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.11. MOYER ROAD REPETITIVE LOSS AREA

7.11.1 Characteristics

- Upper middle class – 7.7% poverty/\$90,938 median household income
- Single-family houses mostly built between 60s and 80s
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and buildings with basements.
- Partially located in SFHA

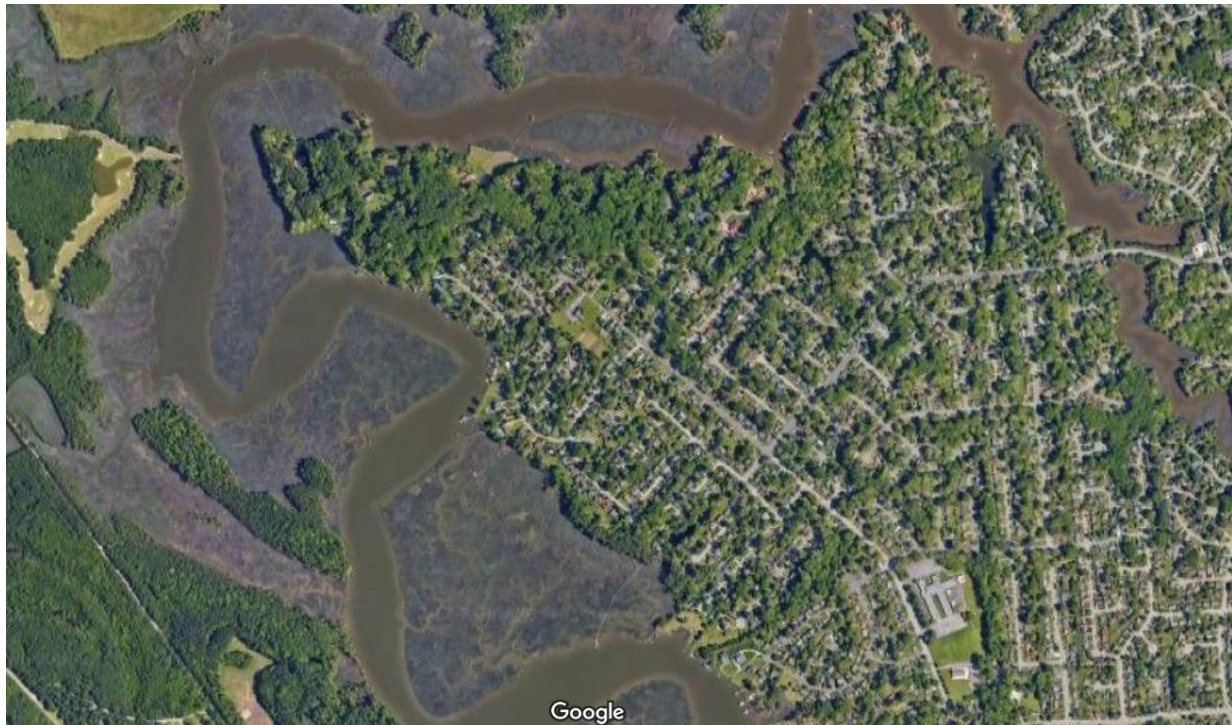


Figure 48: Moyer Road Repetitive Loss Area

7.11.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.11.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.12. AUBURN POINTE SUBDIVISION REPETITIVE LOSS AREA

7.12.1 Characteristics

- Lower middle class – 20.7% poverty/\$39,777 median household income
- Mostly apartment complexes and some single-family houses built between 60s and 90s
- Homes in this neighborhood are largely built on crawlspace foundations
- Not located in SFHA /characterized by urban flooding conditions

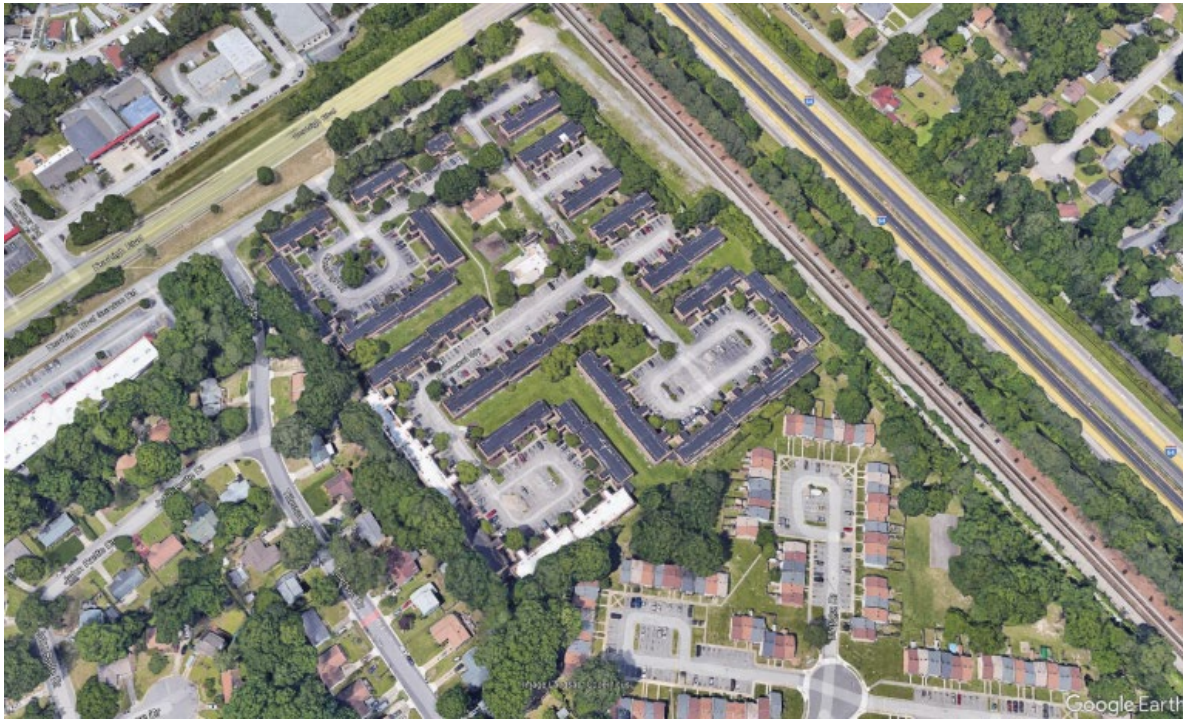


Figure 49: Auburn Pointe Subdivision Repetitive Loss Area.

7.12.2 Ongoing Risk Reduction Strategies

- None identified at the present time, but the apartment complex is recognized as having poor/inadequate stormwater design

7.12.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.13. RICHNECK ROAD AREA REPETITIVE LOSS AREA

7.13.1 Characteristics

- The affected area is comprised of non-residential commercial buildings
- The neighborhood is largely located in the SFHA



Figure 50: Richneck Road Repetitive Loss Area.

7.13.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.13.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.14. SHERWOOD PARK REPETITIVE LOSS AREA

7.14.1 Characteristics

- Middle class - 6.5% poverty/\$53,796 median household income
- Majority single-family houses built in 60s and 70s
- Homes in this neighborhood are built on crawlspace foundations
- Largely located in SFHA



Figure 51: Sherwood Park Repetitive Loss Area

7.14.2 Ongoing Risk Reduction Strategies

- Several non-repetitive loss properties have been acquired by City of Newport News in this neighborhood and returned to open space.
- The box culvert under Gwynn Circle was replaced to improve flow of Lucas Creek.

7.14.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.15. SHORE PARK REPETITIVE LOSS AREA

7.15.1 Characteristics

- Middle class – 6.6% poverty/\$66,611 median household income
- Mostly single-family houses built in 60s and 70s
- Homes in this neighborhood are largely built on a crawlspace foundation but several homes include basements.
- Largely located in SFHA zone



Figure 52: Shore Park Repetitive Loss Area.

7.15.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.15.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.16. SOUTH RIVERMONT REPETITIVE LOSS AREA

7.16.1 Characteristics

- Middle class – 11.2% poverty/\$69,412 median household income
- Mixed use neighborhood with public utilities and several single-family houses ranging in age from 1930 through 2017
- The homes in this neighborhood are built on a crawlspace foundation
- Not located in SFHA /characterized by urban flooding conditions



Figure 53: South Rivermont Repetitive Loss Area.

7.16.2 Ongoing Risk Reduction Strategies

One at-risk property was demolished within this neighborhood. It was purchased using City-only funds as an emergency health response because it was situated at a low point along an HRSD gravity interceptor sewer main and experienced recurrent flooding. HRSD purchased the property as an improvement site for an aged primary pump station along Government Ditch that also frequently overflowed. A new HRSD wastewater pump station has been built on the site to BFE plus two feet of freeboard to ensure continued operational capabilities during- and post-disaster.

7.16.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can

take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.17. STONEYBROOK ESTATES NORTH REPETITIVE LOSS AREA

7.17.1 Characteristics

- Middle Class – 11.8% poverty/\$62,453 median household income
- Majority single-family houses built in 70s
- Homes in this neighborhood are largely built on crawlspace foundations
- Largely located in SFHA



Figure 54: Stoneybrook Estates North Repetitive Loss Area.

7.17.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.17.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.18. STONEYBROOK ESTATES SOUTH REPETITIVE LOSS AREA

7.18.1 Characteristics

- Middle class – 11.8% poverty/\$73,295 median household income
- Majority single-family houses built in the 1970s
- There is a mix of building types in the neighborhood including slab on grade and buildings with crawlspace foundations and buildings with basements.
- Largely located in SFHA



Figure 55: Stoneybrook Estates South Repetitive Loss Area.

7.18.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.18.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.19. WARWICK RIVER ESTATES REPETITIVE LOSS AREA

7.19.1 Characteristics

- Middle class – 7.7% poverty/\$78,975 median household income
- Mostly single-family houses built in 70s
- Homes in this neighborhood are largely built on a crawlspace foundation
- Located in SFHA



Figure 56: Warwick River Estates Repetitive Loss Area.

7.19.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.19.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

7.20. WARWICK SHORES REPETITIVE LOSS AREA

7.20.1 Characteristics

- Middle class – 5.4% poverty/\$93,133 median household income
- Mostly single-family houses built between 60s and 80s
- There is a mix of building types in the neighborhood including buildings with crawlspace foundations and buildings with basements.
- Partially located in SFHA zone



Figure 57: Warwick Shores Repetitive Loss Area.

7.20.2 Ongoing Risk Reduction Strategies

- None identified at the present time

7.20.3 Neighborhood Specific Property Protection Mitigation Recommendations

As a home or business owner, there are many ways to reduce your exposure to flooding. A list of flood protection measures well suited to this neighborhood including some lower cost actions owners can take themselves or with minor assistance from others can be found in Table 7. Also see Appendix E for property-specific flood protection mitigation recommendations tailored to the building type, foundation, and flooding conditions of each RL area property.

8. REFERENCES

2017 Hampton Roads Hazard Mitigation Plan.

[HTTPS://WWW.HRPDCVA.GOV/UPLOADS/DOCS/2017%20HAMPTON%20ROADS%20HAZARD%20MITIGATION%20PLAN%20UPDATE%20FINAL.PDF](https://www.hrpdcva.gov/uploads/docs/2017%20HAMPTON%20ROADS%20HAZARD%20MITIGATION%20PLAN%20UPDATE%20FINAL.PDF)

2018 Newport News Comprehensive Plan.

[HTTPS://WWW.NNVA.GOV/DOCUMENTCENTER/VIEW/18190/COMPREHENSIVE-PLAN-FINAL-ADOPTED](https://www.nnva.gov/documentcenter/view/18190/COMPREHENSIVE-PLAN-FINAL-ADOPTED)

Update to “Cost-Effectiveness Determinations for Acquisitions and Elevations in Special Flood Hazard Areas Using Pre-Calculated Benefits Memorandum. 2021.

[FILE:///C:/USERS/EGREER/DOWNLOADS/FEMA_ACQUISITION-ELEVATION-PRECALCULATED-BENEFITS-MEMO_092021.PDF](file:///C:/Users/EGREER/Downloads/FEMA_ACQUISITION-ELEVATION-PRECALCULATED-BENEFITS-MEMO_092021.PDF)

2022 Hampton Roads Draft Hazard Mitigation Plan.

[HTTPS://WWW.HRPDCVA.GOV/UPLOADS/DOCS/HAMPTON%20ROADS%20HAZARD%20MITIGATION%20PLAN%20APA%20JUNE%2011%202022.PDF](https://www.hrpdcva.gov/uploads/docs/HAMPTON%20ROADS%20HAZARD%20MITIGATION%20PLAN%20APA%20JUNE%2011%202022.PDF)

Demographic Data. [HTTPS://WWW.CITY-DATA.COM/](https://www.city-data.com/)

Hazard Mitigation Assistance Project Type Definitions.

[HTTPS://WWW.FEMA.GOV/GRANTS/MITIGATION/APPLYING/PROJECT-TYPES](https://www.fema.gov/grants/mitigation/applying/project-types)

Flood Assistance Program. [HTTPS://WHRO.ORG/NEWS/LOCAL-NEWS/24214-AT-A-CROSSROADS-NEWPORT-NEWS-HAS-BOUGHT-OUT-MORE-FLOOD-PRONE-PROPERTIES-THAN-ANYWHERE-ELSE-IN-VIRGINIA-HOW-S-THAT-IMPACTING-ONE-NEIGHBORHOOD](https://whro.org/news/local-news/24214-at-a-crossroads-newport-news-has-bought-out-more-flood-prone-properties-than-anywhere-else-in-virginia-how-s-that-impacting-one-neighborhood)

City Ongoing Projects. [HTTPS://APPS.NNVA.GOV/PS/PROJECT.ASPX?ID=546](https://apps.nnva.gov/ps/project.aspx?id=546)

9. APPENDIX A: REPETITIVE LOSS AREA RESIDENT LETTER



June 15, 2023

Dear Current Resident/Property Owner:

Subject: Repetitive Flooding of Property

You have received this letter because your property is in an area that has been flooded several times. Our community is concerned about repetitive flooding and has an active program to help you protect yourself and your property from future flooding.

News updates:

- In April 1, 2022, our City successfully joined the National Flood Insurance Program (NFIP) Community Rating System (CRS). This means flood insurance policy holders are eligible to receive a 15% discount. This saving is a tangible result of the flood mitigation activities our community implements to protect lives and reduce property damage.
- The City of Newport News is undertaking a multi-year, master planning effort to tackle flooding challenges. Through this effort, the City is assessing current and future flood impacts to develop long-term flooding solutions. View the Storymap and complete the survey to share your drainage and flood concerns at <https://www.nnva.gov/2837/Stormwater-Master-Planning-Effort>.
- Keep an eye on the above website for upcoming events. We'll be holding floodplain management planning committee meetings that are open to the public over the next several months. We'll also be holding public meetings in locations around the City this summer to share and collect input on drainage and flooding issues and potential solutions.

Flood Protection Tips:

1. **Check with City staff (by calling 311) on the extent of past flooding in your area to know your flood hazard.** Department staff can tell you about the causes of repetitive flooding, what the City is doing about it, and what would be an appropriate flood protection level.
2. **Prepare for flooding to protect yourself and your property** by doing the following:
 - Know how to shut off the electricity and gas to your house when a flood comes.
 - Make a list of emergency numbers and identify a safe place to go.
 - Make a household inventory, especially of basement contents.
 - Put insurance policies, valuable papers, medicine, etc., in a safe non floodable place.

City of Newport News, 2400 Washington Avenue, Newport News, VA, 23607
Phone: (757) 933-2311 Fax: (757) 926-8300
Website: www.nnva.gov





- Collect and put cleaning supplies, camera, waterproof boots, etc., in a handy place.
- Develop a disaster response plan to better protect yourself and your property. See the Red Cross's website at www.redcross.org (Under **Flood Safety Tips**) for information about preparing your home and family for a disaster. Also, obtain a copy of the **Flood Safety Checklist** brochure.
- Get copies of helpful information about flood preparation, damage prevention, building protection, etc. We have copies of flyers, brochures, and booklets available at City Hall, Emergency Management Office, and main libraries.

3. Consider some permanent flood protection measures to protect yourself and your property.

- Mark your fuse or breaker box to show the circuits to the floodable areas. Turning off the power to the basement before a flood can reduce property damage and save lives.
- Consider elevating your house or mechanical and electric equipment above flood levels.
- Check your building for water entry points, such as basement windows, basement stairwells, doors, and dryer vents. These can be protected with low walls or temporary shields.
- Install a floor drain plug, standpipe, overhead sewer, or sewer backup valve to prevent sewer backup flooding.
- More information can be found at FEMA's website www.ready.gov/floods.
- Note that some flood protection measures may need a building permit and others may not be safe for your type of building, so be sure to talk to the Department of Codes Compliance.

4. Talk to the Department of Codes Compliance for information on financial assistance.

- The City administers a Flood Assistance Program (FAP) that will acquire, relocate, or elevate structures located in the floodplain based on their risk of flooding. Please visit <https://www.nnva.gov/1753/Flood-Assistance-Program---FAP> for more information.
- FEMA also administers the Hazard Mitigation Assistance Grant to provide funding for eligible mitigation that reduce disaster losses. Information can be obtained at <https://www.fema.gov/grants/mitigation>
- Get a flood insurance policy – it will help pay for repairs after a flood and, in some cases, it will help pay the costs of elevating a substantially damaged building.

5. Get a flood insurance policy.

City of Newport News, 2400 Washington Avenue, Newport News, VA, 23607
Phone: (757) 933-2311 Fax: (757) 926-8300
Website: www.nnva.gov



- Homeowner's insurance policies do not cover damage from floods. However, because our community participates in the National Flood Insurance Program (NFIP), you can purchase a separate flood insurance policy. This insurance is backed by the Federal government and is available to everyone, even properties that have been flooded.
- You can find helpful information about your property's flood risk at <https://maps.nnva.gov/viewer/> or by contacting City staff by calling 311.
- Some people have purchased flood insurance because it was required by the bank when they got a mortgage or home improvement loan. Usually, these policies just cover the building's structure and not the contents. During the event of a flood, there is usually more damage to the furniture and contents than there is to the structure. Be sure you have coverage on your contents.
- Don't wait for the next flood to buy insurance protection. In most cases, there is a 30-day waiting period before National Flood Insurance Program coverage takes effect.
- Contact your insurance agent for more information on rates and coverage. Also visit <https://Floodsmart.gov> for more information on flood insurance.

6. Build Responsibly: Strict regulations govern substantial improvements to structures in the SFHA. According to the NFIP, "substantial improvement" means the cost of repair, reconstruction, or improvement of a structure equals or exceeds 50 percent of the market value before the improvements were started, or if the structure was damaged and is being restored. Any new development or improvement inside the SFHA is subject to the current Floodplain Development Regulations and may also be subject to state and federal regulation. Be sure to check these regulations and requirements before making improvements to your property.

7. Protect Natural Floodplain Functions: Floodplains offer a broad area for streams and rivers to spread out and accommodate temporary storage of floodwater, reducing flood peaks and erosion potential. When runoff is uncontrolled, the floodplain can be pushed beyond its capacity, and areas that normally do not experience flooding may flood as a result.

Floodplains also serve important functions in protecting the physical, biological, and chemical integrity of water. Water that runs off quickly over the surface, as over a barren floodplain, is capable of carrying large amounts of sediment and debris to the main water body (creeks, rivers, ocean, etc.) A vegetated floodplain, however, slows the surface runoff, causing it to drop most of its sediment originating on the land drops out, as well as, some of that scoured from the channel bank and bed. This filtering process may add rich nutrients to the floodplain soils. Another example of water quality maintenance is the beneficial shading effect of riparian (streambank), which helps to avoid temperature stress on the natural system.

City of Newport News, 2400 Washington Avenue, Newport News, VA, 23607
 Phone: (757) 933-2311 Fax: (757) 926-8300
 Website: www.nnva.gov





If you have any questions or need additional information regarding repetitive flood loss or floodplain management, please contact me at 757-926-8264 or by email at tranhn@nnva.gov.







Sincerely,







Hai Tran, PE
City Floodplain Manager


City of Newport News, 2400 Washington Avenue, Newport News, VA, 23607
Phone: (757) 933-2311 Fax: (757) 926-8300
Website: www.nnva.gov



10. APPENDIX B: MITIGATION STRATEGIES

Action Type	Action	Location	Funding Source	Lead	Priority	Deadline
	Construct new access road to Pump Station 49 on Warwick Boulevard.	Pump Station 49	HMGP, BRIC, Virginia CFPF	Engineering Department	Medium	2027-2029
	Drainage improvements on Chelsea Place, which will include increased flow through the drainage outfall from the apartments and diversion of some of the flow from Edgemoor Drive to a new outfall. (Under design, easements acquired, and access agreement finalized (late 2023 early 2024 start)	Lee Hall: Chelsea Place Apartments, Warwick Blvd	Stormwater Management Fund	Engineering Department	Medium	2024
	Analyze and improve drainage/stormwater system along Stoney Run. (The study is complete and six large projects have been identified. The projects are being prioritized for design. Additional funding sources are also being explored.)	Northern portion of the Stoney Run Watershed	Local Stormwater Fees, CIP, SLAF, Virginia CFPF	Engineering Department	Medium	2030
	Christopher Shores Drainage Improvements. Address repeated flooding in the Christopher Shores subdivision by installing larger storm pipes and additional pipes and inlets to alleviate flooding during tidal events. (Design almost complete)	Warwick: Christopher Shores subdivision	Local Stormwater Fees, CIP	Engineering Department	Medium	2024
	Hilton South Drainage Improvements. Install a new system, designed to current standards, within the City's right-of-way	Hilton/Brandon Heights	CIP	Engineering Department	Medium	2027
	James River Shoreline Stabilization. Stabilize 720 linear feet of shoreline on the James River to address severe erosion and failure of the steep slope along River Rd, and protect existing utilities and the road (in process).	Hilton/Brandon Heights: James River along River Rd from 9304 to	CIP, Local Stormwater Fees	Engineering Department	Medium	2024

Action Type	Action	Location	Funding Source	Lead	Priority	Deadline
		9508 River Road				
	Continued exploration of strategic retreat plan for vulnerable population in vulnerable areas of the city. Offer incentives for voluntary acquisition.	Newmarket Creek, Salters Creek	HMA, FMA, BRIC	Planning Department/ Division of Emergency Management	Low	Ongoing
	Conduct home outreach program for residents in floodplains in vulnerable areas of the city to provide additional flood safety information and recommendations	Newmarket Creek, Salters Creek	HMA, FMA, BRIC	Planning Department/ Division of Emergency Management	Low	Ongoing
	Explore Cloudburst management program incorporating grey and green infrastructure, as well as open spaces, to store excess stormwater until high-intensity rains pass and there is sufficient capacity in the neighborhood drainage system to better manage it	Newmarket Creek, Salters Creek	BRIC , Local Stormwater Fees	Engineering Department	Low	Ongoing
	Provide various watershed and flood warning improvements to reduce danger to lives and property from flooding along Newmarket Creek. This action may include Mitigation Reconstruction projects. (Under development; city planning to install 12 stormwater level monitoring sensors)	Upper Newmarket Creek and Lower Newmarket Creek	FMA, HMGP, HMGP 5% Initiative	Planning Department/ Environmental Services Division – Stormwater Management	High	2027-2032
	Conduct project scoping to further explore the viability of constructing/restoring wetlands in select areas	Salters Creek	Undetermined Grant Funding	Planning Department/ Engineering Department	Medium	2028
	Marshall Ridley. Redevelopment of a large area of outdated apartments with no existing stormwater management system in place. The new development will include multiple BMPs and a regional stormwater management facility.	Salters Creek between Jefferson Avenue and Ivy Avenue,	Local Stormwater Fees, CIP	Engineering Department	High	2024

Action Type	Action	Location	Funding Source	Lead	Priority	Deadline
	(construction underway)	between 12th Street and 18th Street				
	Salters Creek Analysis and Drainage Improvements. Develop computer model analysis and implement identified drainage projects. Reduce flooding throughout the Salters Creek watershed by improving the capacity of the existing drainage system, providing additional storage, and ensuring compliance with stormwater regulations. (The study is complete; several projects have been identified. These projects will be prioritized with projects being identified by the City's master planning effort)	Salters Creek Watershed	Local Stormwater Fees, CIP, SLAF, Virginia CFPF	Engineering Department	Medium	2028

Strategy Source Legend
Hampton Roads Hazard Mitigation Plan
One City, One Future Comprehensive Plan 2040
Nuisance Flooding Report
Floodplain Management Committee Feedback

Acronym	Name
HMGP	Hazard Mitigation Grant Program
CIP	Capital Improvement Plan
HUD CDBG	U.S. Department of Housing and Urban Development Community Development Block Grant
BRIC	Building Resilient Infrastructures and Communities
FMA	Flood Mitigation Assistance
HMA	Hazard Mitigation Assistance
CFPF	Community Flood Preparedness Fund
SLAF	Stormwater Local Assistance Fund
USDA WPFO	United States Department of Agriculture Watershed and Flood Prevention Operations

11. APPENDIX C: SURVEY RESULTS SUMMARY

11.1. SURVEY DESCRIPTION

In order to collect feedback about drainage issues throughout Newport News, a survey was created to allow residents to report issues that they are seeing and experiencing. It was opened on May 5, 2023 and the final day for submissions was October 11, 2023. The survey was distributed online on the Stormwater Master Planning Effort [webpage](#) as well as embedded into the Stormwater Master Planning [Storymap](#). Additionally, paper copies of the survey were handed out during the three July 2023 public meetings. A total of 45 residents responded to the survey. These responses are being used to better understand drainage problems and opportunities to increase flood resilience. Responses have been added to the Stormwater Master Planning Effort's project database, incorporated into a technical memorandum summarizing the problem areas, and have been used to inform this Repetitive Flood Loss Analysis.

11.2. FINDINGS WITH RELEVANT CHARTS

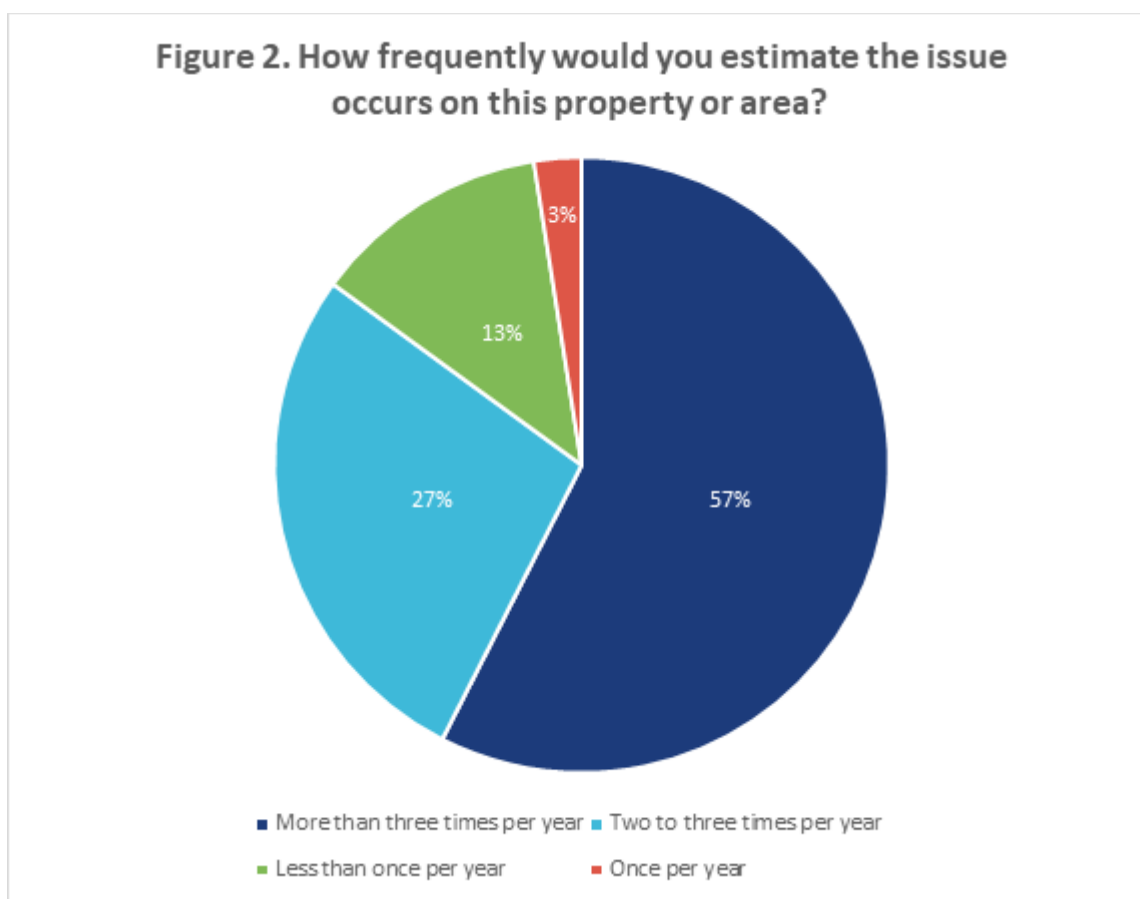
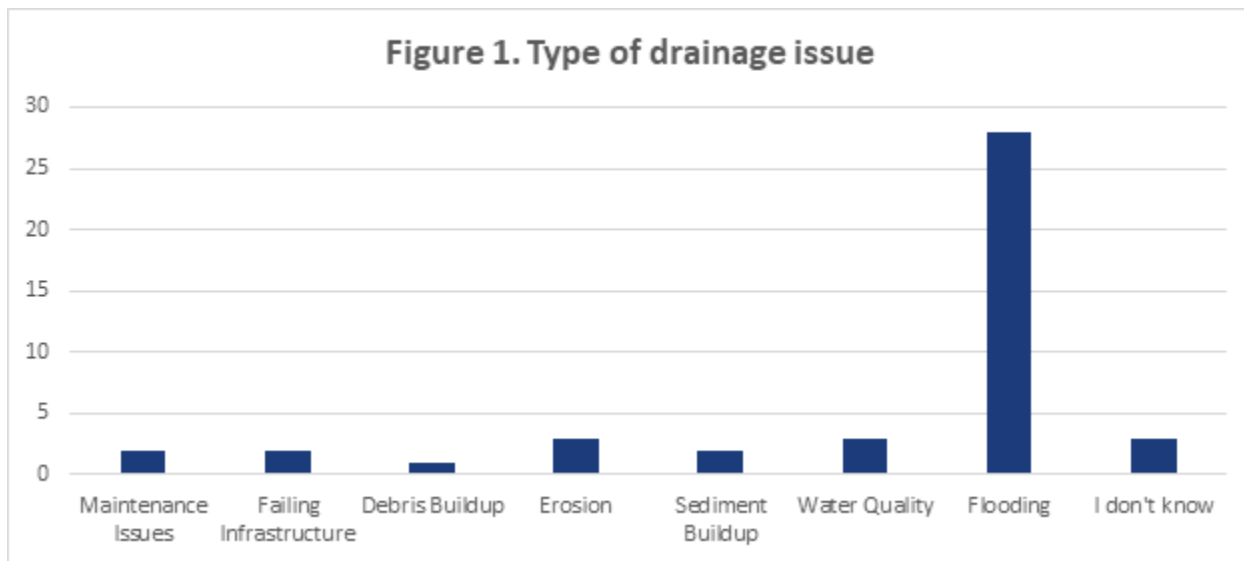
62% of respondents reported Flooding as the type of drainage issue they were seeing (See Figure 1)

57% of the respondents reported experiencing flooding or drainage issues at least three times a year (See Figure 2)

Over 70% of respondents are extremely concerned about the reported drainage issue. Nearly 23% of respondents said that they were somewhat concerned about the issue (See Figure 3).

11 respondents reported that the flooding was in their yard, 9 reported it in their crawl space, 2 reported water in their basement, and 2 reported water over their first floor (See Figure 7)

Nearly 55% of respondents have taken at least one type of precaution by making their home or business more resistant to flood or drainage issues through the installation of flood mitigation measures or drainage improvements. (See Figure 10)



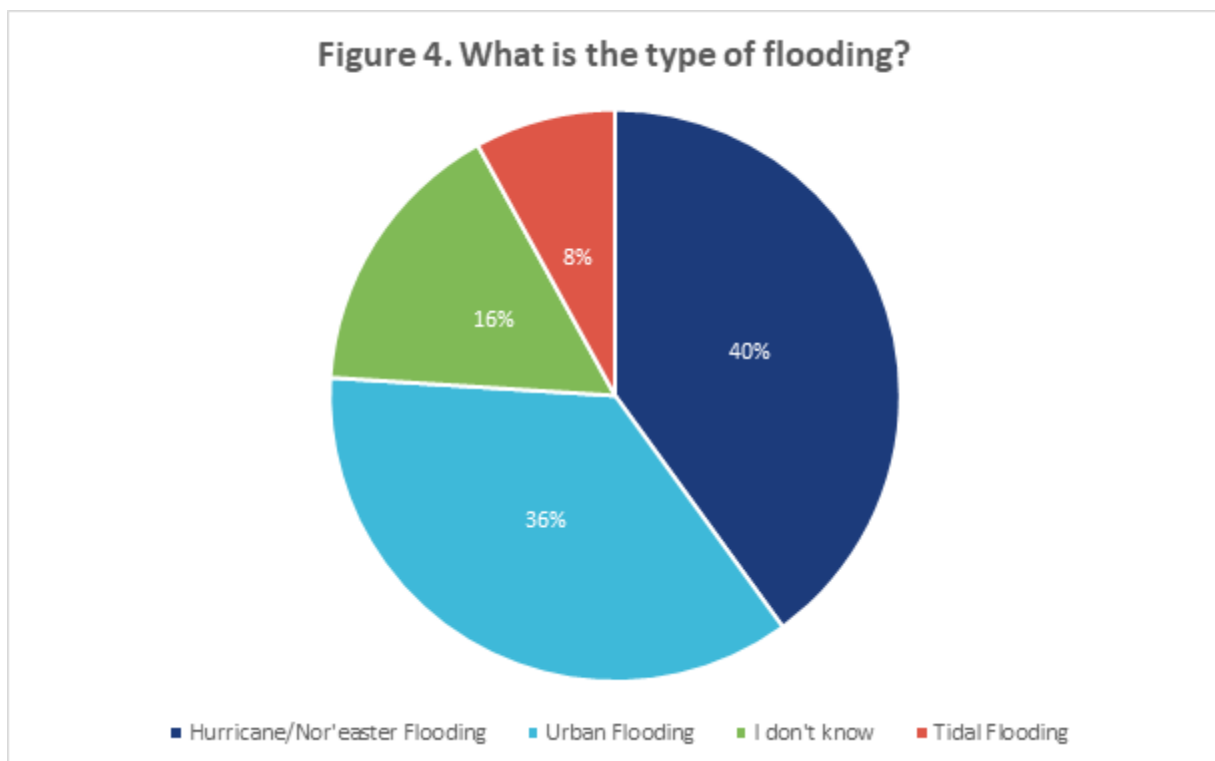
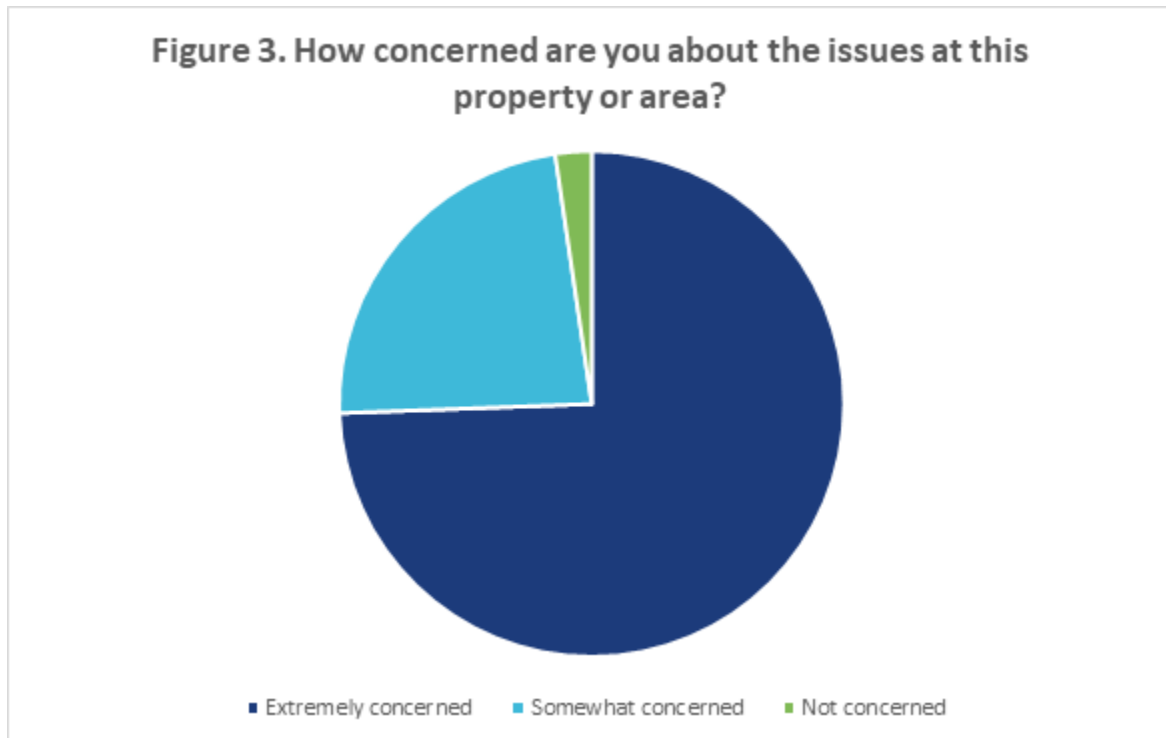
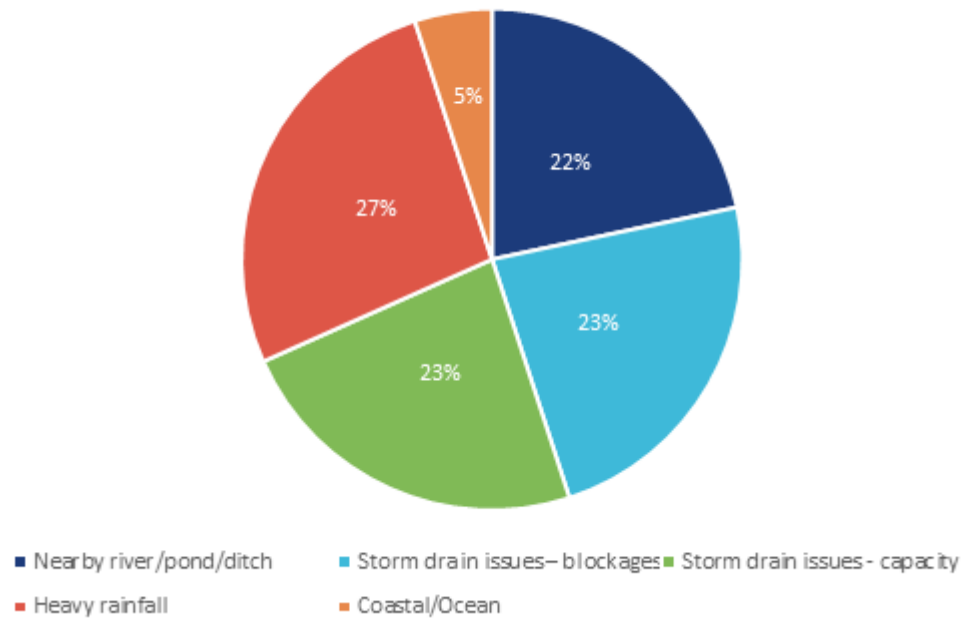
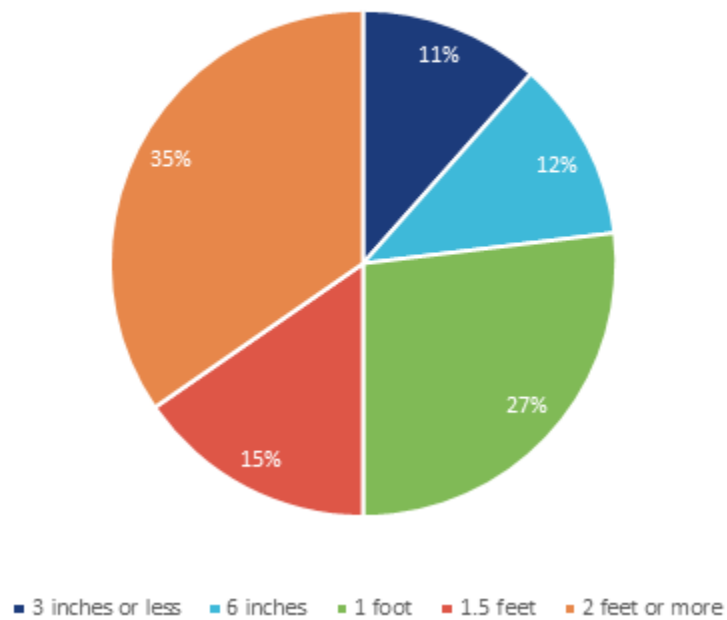
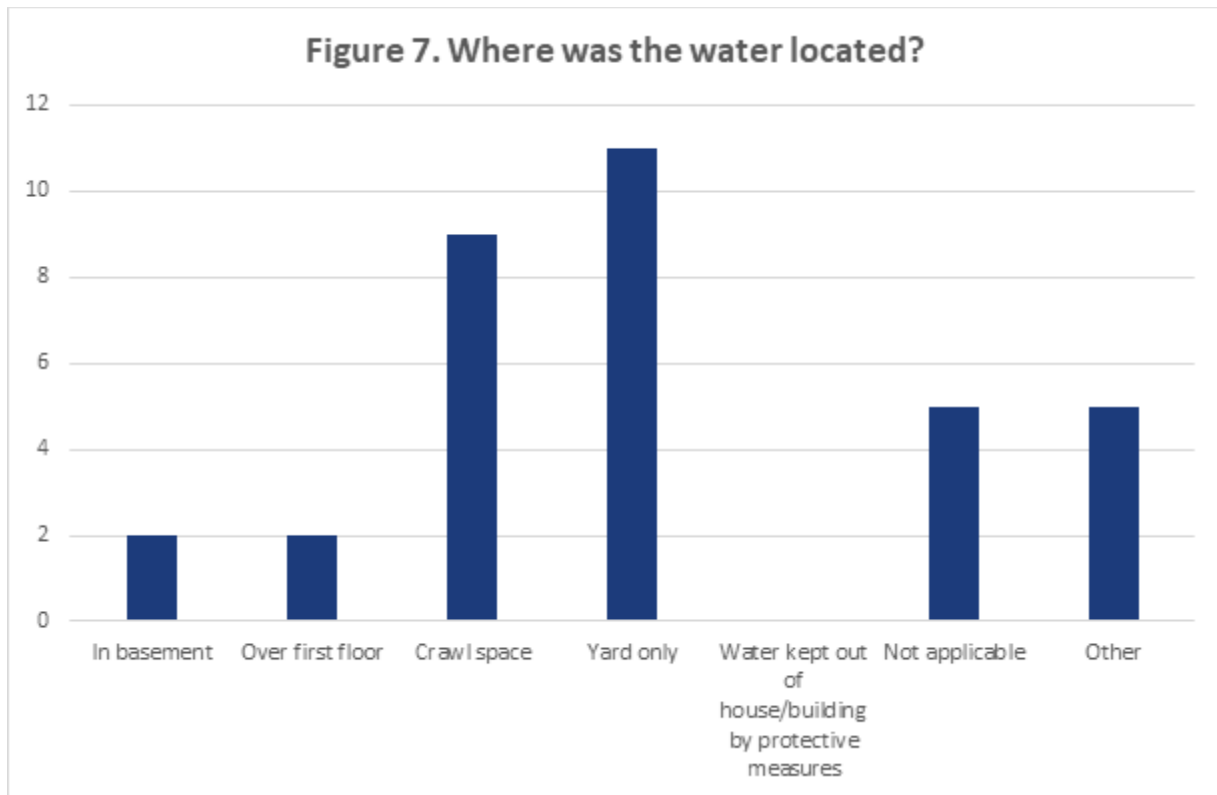
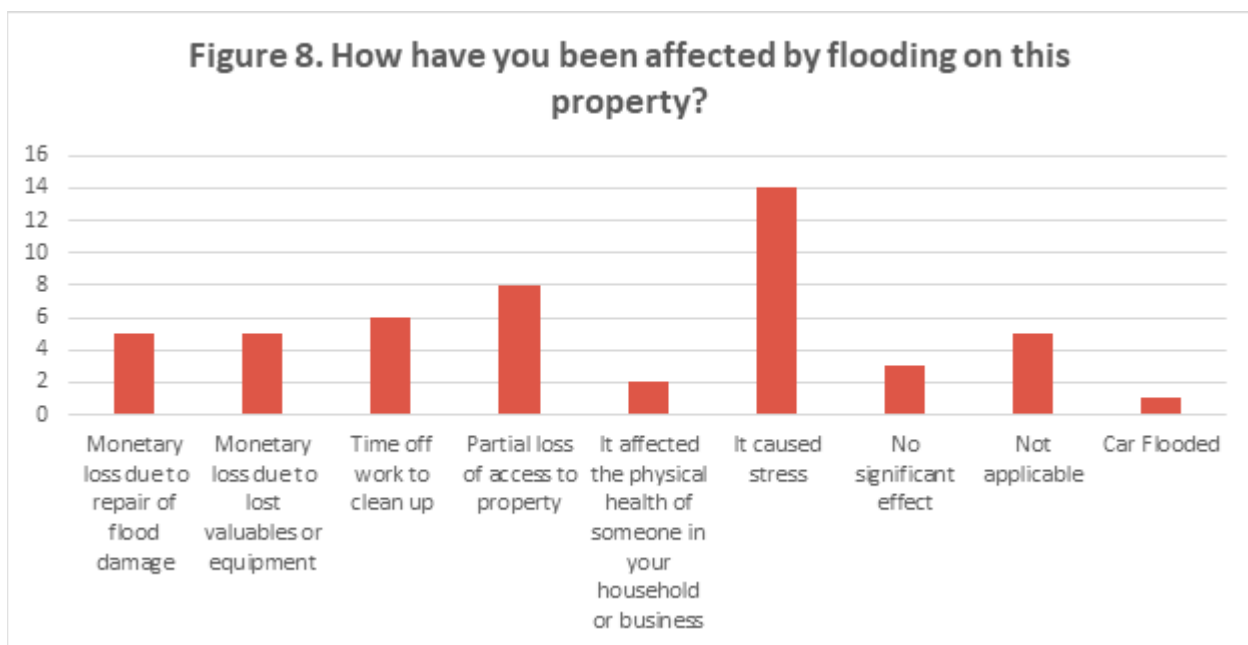
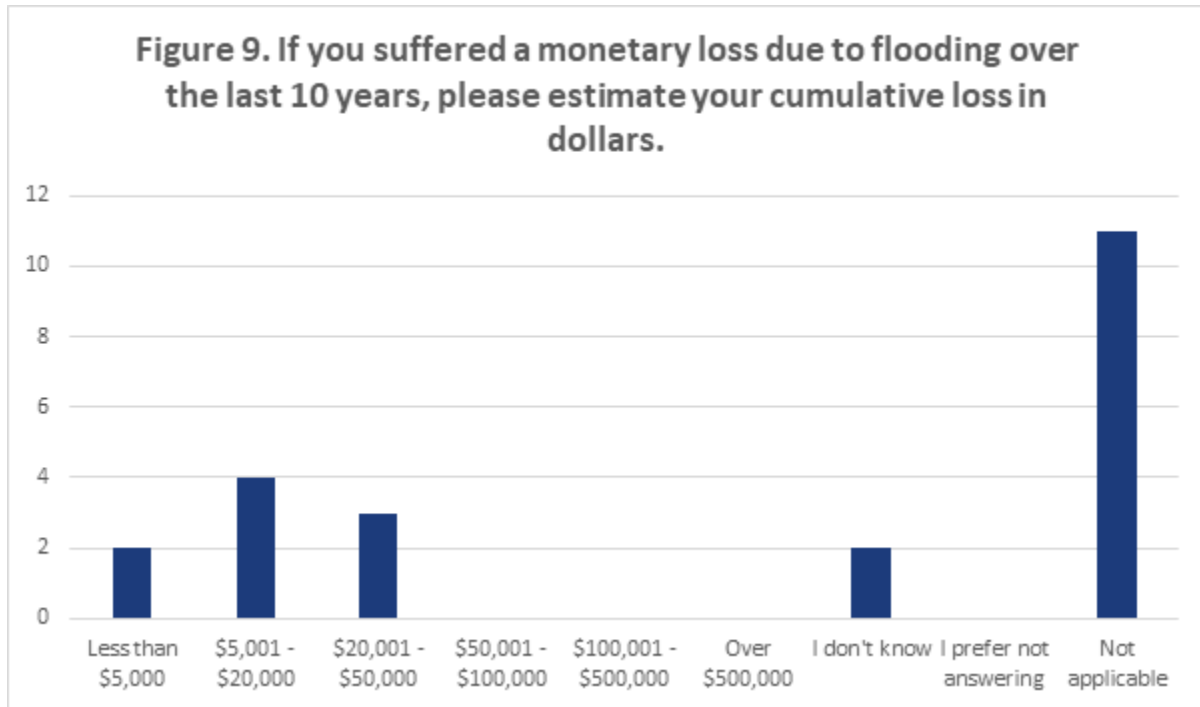


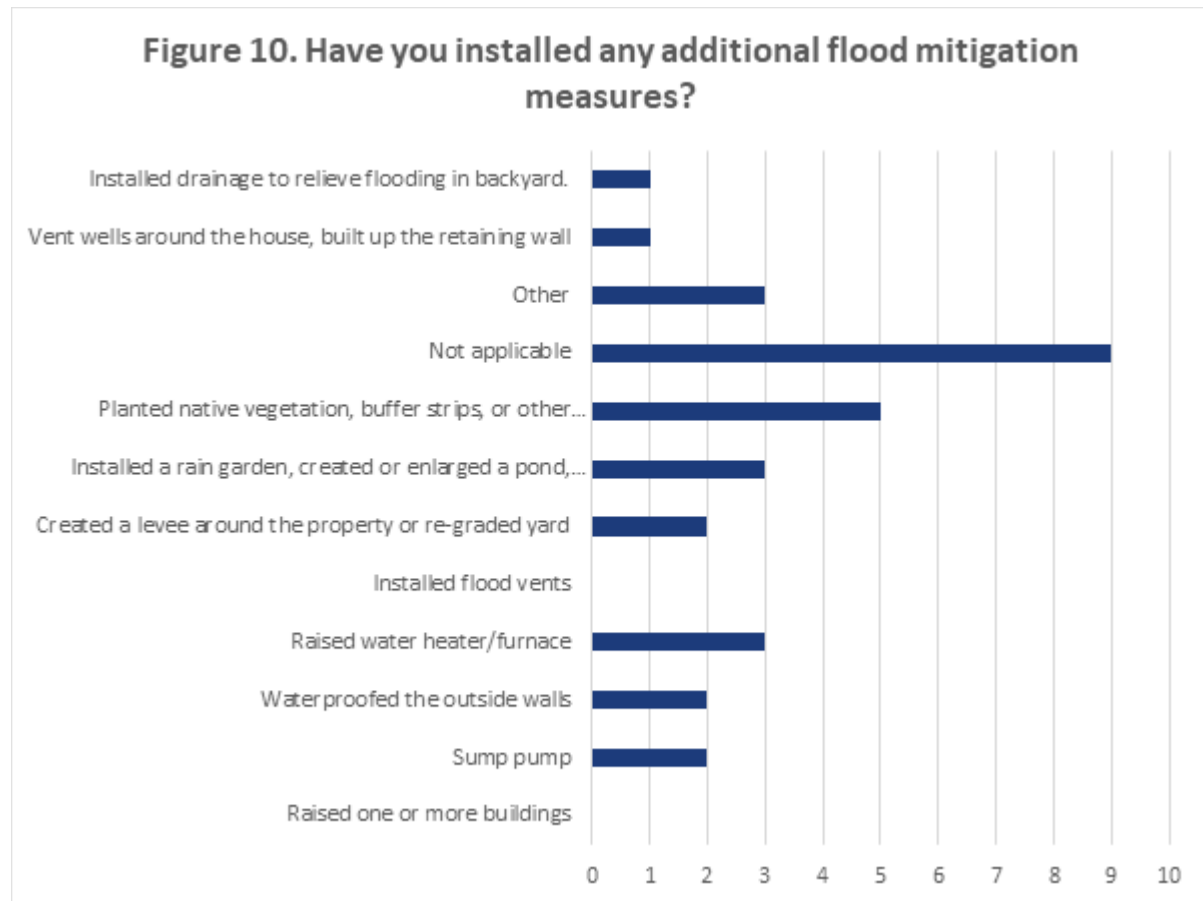
Figure 5. What do you perceive to be the source of the issue?**Figure 6. Approximately how deep was the flooding?**



Other Responses included: Yard only in past 5 years; Street when SWMF overflows; Garage, I have high crawlspace; Other homes have flooded; field; drive lanes and parking spots







11.3. QUOTES

11.3.1 Theme: Changing Conditions / Climate Change

“Our home was technically not in a flood zone when we purchased our house, but I fear it likely is now.”

“During heavy rains water pools in my backyard. The pooling is largely due to the placement of a concrete swale only feet from my patio/house. Despite being kept free of debris by myself and city employees there is no place for the water to drain. When my family initially took possession of the property in 1997, the pooling was an annoyance. However, more recent storms have caused the problem to worsen and the pooling to inch closer to my home. I am concerned the stormwater will eventually enter my home.”

“Newmarket Creek will flood after just a simple rain. I am worried about what will happen when we have a hurricane. These things will only get worse, especially if we fail to acknowledge climate change as a serious issue. Severe weather events will continue and with frequency. We need to look to long-term, sustainable solutions and not merely fixes to flooding issues. Let’s address how the City of Newport News plans to impact real change!”

“While flood is a major issue, we should be looking more large scale, and at ways we can impact change at a systemic level. Our localities need to create joint efforts to work towards becoming climate-resilient

and stop the perceived bickering amongst them. Please, for the sake of your residents, their children, and their children's children, make the tough choices and be serious about climate change."

11.3.2 Theme: General Flooding

"I moved into my home on Belvoir Circle in 1988. Flooding occurs when we have heavy rainfall. I'm located on the lowest point of Belvoir Circle which adds to flooding during heavy rainfall. Flooding worsened after Richneck Road drainage system renovation and newly constructed Huntington Pointe housing. City engineers have come out a few years ago and are aware of our situation. A lot of sleepless nights every time we have storms in the area."

11.3.3 Theme: Green Infrastructure

"When it rains, the roads flood. There is too much concrete to allow rainwater to naturally absorb and flow away. Please encourage green spaces, woodlands, etc. to let nature help solve this problem."

"Citizens would like to see more green infrastructure projects that reduce impervious surfaces and employ strategies to slow the water so that it can soak into the land and filter out pollutants. Also, more plantings of trees and shrubs to absorb and filter stormwater and reduce pollutants. We would like to see a move away from the old school 'grey funnel' method of quickly piping stormwater directly into the waterways."

"Storms have caused erosion and loss of land. I am working with The James River Shoreline project to put in a living shoreline -oyster castles, more sand and more spartina plants to protect the shoreline and pocket marsh and have the oysters clean the water."

"Please save the natural spaces around Newport News to not only help with flooding concerns but to preserve the beauty of the city. Future generations depend on it."

11.3.4 Theme: Debris

"Debris, mostly result of yard work, bush cutting, etc., is left on the street after bulk trash pickup or put out too early. It builds up over drains and blocks water, especially during heavy rains. (e.g. even numbered side of the 900 block of 11th St. - @ cul-de-sac w/Orcutt Ave.)"

"City's Seafood Industrial Park Harbor has large storm drains feeding into the harbor. All kinds of food containers, bottles, plastics, etc. that are thrown in the streets or left in uncovered trash receptacles are washed down the storm drains during rain events resulting in massive amounts of debris polluting the waterway."

11.4. CORBIN LAKE

"The residents of Corbin Lake have been asking the City for help with the Lake for years to no avail. The Lake has been vibrant with fish and wildlife but as each fish kill happens due to sediment, the future dims. This is an investment in the city, environment, and tax revenue."

11.4.1 Location: Nicewood Drive



Description: Single-family home where flooding occurs more than three times per year with 2 feet or more of water in the yard only. Water takes approximately 24 hours to recede.

“During prolonged or heavy rains, we experience quick and intense flooding. Upward of 3 feet in the deepest and farthest back part of our property. The water is getting closer and closer to coming into our home and we are on half an acre. We live on Nicewood Drive.”

11.4.2 Location: 942 Shore Dr.



Description: Erosion occurring on a single-family home property

“The outfall that is causing the erosion is located at 946 Shore Drive. Over the last five years, it has caused erosion that has denuded the beach at 942, 938, 934, & 930 Shore Drive. It spews untreated animal waste, lawn chemicals, trash, etc. onto the dune and beach and into the James River. This travesty was caused by the NN Engineering department cutting the pipe in the middle of the dune and piling rip-rap over the outfall; insanity and sloth! The plans that were drawn up for replacing the stormwater outfall have the outfall only extending as far as the shoreline, ignoring the adjacent owner's "riparian rights" and if carried out as planned would continue to pollute and denude the adjacent properties. The Virginia Dept of Soil and Water Conservation recommended in writing that the new pipe be extended beyond the owner's property line, the Mean Low Water line. The NNED has yet to furnish the calculations necessary to define this. This has been dragging on for years! UNSAT!!!”

11.4.3 Location: Seafood Industrial park Harbor



Description: Water Quality issue (pollutants entering the waterway) more than three times per year

“City's Seafood Industrial Park Harbor has large storm drains feeding into the harbor. All kinds of food containers, bottles, plastics, etc. that are thrown in the streets or left in uncovered trash receptacles are washed down the storm drains during rain events resulting in massive amounts of flotsam polluting the waterway.”

11.4.4 Location: Salters Creek



Description: Flooding from Hurricane/Nor'easter occurs less than once per year at single-family home, on the street, and at other residences on the street. Water was located in the crawl space and yard and was approximately 1.5 feet deep. Water remained for 4-6 hrs.

“During heavy rains, storms, and some high tides, the intersection floods, along with the ditch in front of my house an arm of Salter Creek. Efforts were made several years ago to enlarge the street bridge drain. This did not mitigate the issues but helped. More needs to be done.”

11.4.5 Location: lowest point of Belvoir Circle



Description: Flooding at a single-family home two to three times per year.

"I moved into my home on Belvoir Circle in 1988. Flooding occurs when we have heavy rainfall. I'm located on the lowest point of Belvoir Circle which adds to flooding during heavy rainfall. Flooding worsened after Richneck Road drainage system renovation and newly constructed Huntington Pointe housing. City engineers have come out a few years ago and are aware of our situation. A lot of sleepless nights every time we have storms in the area."

11.5. ADDITIONAL SURVEY QUESTIONS

Please note that survey respondents were asked if they would like to continue answering more questions and all but 8 chose to end the survey. The following responses reflect the answers from the 8 respondents:

Half (4) of the respondents said that they were not located in the SFHA, and the other half (4) did not know if they were located in it (See Figure 11)

1 respondent out of 8 said that they carry flood insurance (See Figure 12)

All 8 respondents noted that they have never made a flood insurance claim (See Figure 13)

Figure 11. Are you located in a Special Flood Hazard Area?

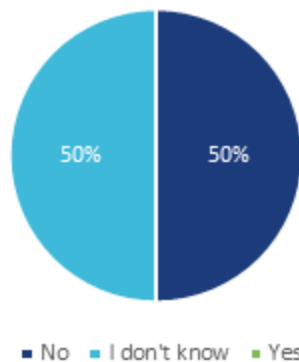


Figure 12. Do you carry flood insurance?

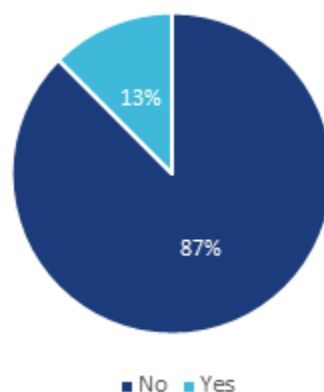


Figure 13. Have you ever made a flood insurance claim?

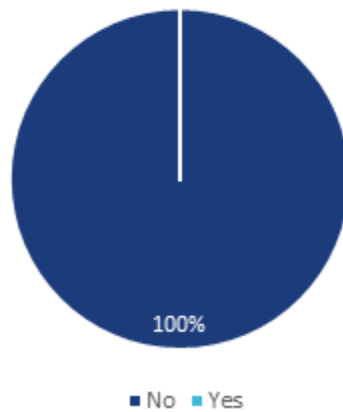


Figure 14. Would you be interested in installing flood mitigation measures on your property if grant or cost sharing resources were available?

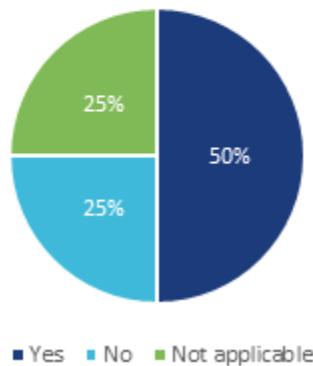
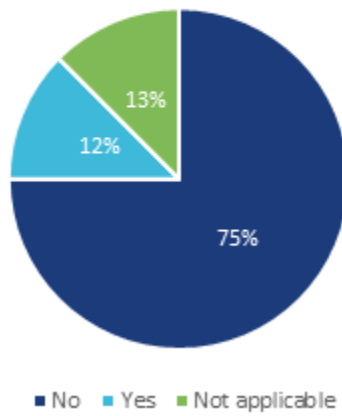


Figure 15. Were you informed of your flood risk when you purchased the property/moved in?



12. APPENDIX D: ADJOINING COMMUNITIES/AGENCIES LETTER



June 19, 2023

Dear XXXX :

The City of Newport News is undertaking a multi-year, master planning effort to comprehensively address stormwater and flooding issues throughout the City. Through this effort, the City will:

- Assess current and future flood impacts to develop long-term flooding solutions;
- Evaluate the aging infrastructure and develop proactive repair and maintenance plans;
- Develop watershed-wide plans to enable funds to be spent on projects with greater impact;
- Enhance the City's standing in the FEMA Community Rating System and develop proactive pre-disaster mitigation, manage floodplain development, and improve post-disaster recovery;
- Develop a Stormwater Environmental Justice plan for all projects and programs; and
- Determine the effects of rising sea levels and more intense storms, and develop plans to mitigate impacts.

The City received \$4.9 M in grant funding from the Virginia Community Flood Preparedness Fund to engage in this planning effort.

As part of these broader efforts, the City will produce a Floodplain Management Plan (FMP). The intent of the FMP is to assess risks and identify strategies and projects that will make Newport News more resilient to flooding.

Developing the FMP involves many steps, including an assessment of flooding impacts, public participation, and coordination with agencies such as yours. Your input is invaluable in assisting us to comprehensively address floodplain management and flood hazard reduction issues in the City. It is also necessary to receive your comments in order to ensure maximum credit for the plan under FEMA's Community Rating System (CRS). The CRS is a voluntary program that credits communities for flood prevention and education programs. Newport News residents earn a 15% discount on their flood insurance premiums through this program.

The purpose of this letter is to request that you complete the survey at the following link <https://arcg.is/05XSGH> so we can gain a full understanding of flood protection activities being considered or implemented by your pick one (jurisdiction, agency, organization, institution or association). Other jurisdictions, agencies, associations, and organizations are being contacted to determine: if they have studies, plans, or information pertinent to the floodplain management plan; if their programs or initiatives may affect the community's program; and if they could support the City's efforts.

We would be pleased to have you involved in the planning effort. This could include attending a committee meeting or commenting on the draft plan. Please let me know if you are willing to participate so I can keep you in the loop as we develop the plan. You can reach me at (757) 928-8264 or by e-mail at htranhn@nnva.gov. You can also stay apprised of our progress on the master planning effort by visiting the [project webpage](#).

Best Regards,

Hai Tran, P.E.
Engineer III
Department of Engineering
City of Newport News

13. APPENDIX E: PROPERTY SPECIFIC FLOOD PROTECTION MEASURES RECOMMENDATIONS TABLE

This section includes a table of property-specific recommendations. The codes in the Recommendations column are as follows:

FAP	Flood Assistance Program
FV	Flood Vents
ELV M&E	Elevate Mechanical & Electrical
BP-SP	Backflow Prevention/Sump Pump
DRI	Drainage Improvements
FB	Flood Barriers
LUB	Limited Use of Basement
OSP	Maintain as open space

A separate column identifies those properties whose parcel is within or touches the Chesapeake Bay Preservation Area, including the Resource Protection Area (RPA) and Resource Management Area (RMA).

The Resource Protection Area (RPA) includes all tidal wetlands; tidal waters; non-tidal wetlands connected by surface flow and contiguous to tidal wetlands or water bodies with the perennial flow; shorelines; and a one hundred (100) foot vegetated buffer around each such feature and around all water bodies with the perennial flow.

Resource Management Areas (RMAs) include those lands contiguous to the inland boundary of the RPA which have a potential for degrading water quality or diminishing the functional value of the RPA, if not properly managed.

Personally identifiable information is not included within this plan or the table that follows. Instead, more comprehensive data including property ownership, flood insurance claims, etc. is included within a separate U.S. Privacy Act protected excel file maintained in a secure file and accessible only to select City staff.

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
008000102	Lee Hall	Skiffes Creek	A		Vacant				OSP
012000207	Lee Hall	Skiffes Creek	X		Public Buildings	Colonial	1840	Pier	ELV M&E, BP-SP, DRI, FB
017000401	Lee Hall	Skiffes Creek	X		Multi Family 11+ Units/Acre		1974		ELV M&E, BP-SP, DRI, FB
017000403	Lee Hall	Skiffes Creek	X		Vacant				OSP
017000404	Lee Hall	Skiffes Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
017000405	Lee Hall	Skiffes Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
017000406	Lee Hall	Skiffes Creek	X		Single Family Detached	Two Story, old	1920	Basement	FV, ELV M&E, BP-SP, DRI, FB
017000408	Lee Hall	Skiffes Creek	X		Public Buildings				ELV M&E, BP-SP, DRI, FB
069000310	Stoneybrook Estates North	Warwick River	AE	RPA	Vacant				OSP
076000101	Stoneybrook Estates North	Warwick River	AE	RMA	Single Family Detached	Ranch	1981	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
076000106	Stoneybrook Estates North	Warwick River	X	RMA	Single Family Detached	Ranch	1981	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
076000107	Stoneybrook Estates North	Warwick River	X	RMA	Single Family Detached	Ranch	1981	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
076000108	Stoneybrook Estates North	Warwick River	AE	RPA	Single Family Detached	Colonial	1983	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
076000109	Stoneybrook Estates North	Warwick River	AE	RPA, RMA	Single Family Detached	Cape Cod	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
076000110	Stoneybrook Estates North	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
076000111	Stoneybrook Estates North	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1990	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
076000112	Stoneybrook Estates North	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	2011	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
076000128	Stoneybrook Estates South	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	1992	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
076000129	Stoneybrook Estates South	Warwick River	AE	RPA, RMA	Single Family Detached	Split Level	1966	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
076000130	Stoneybrook Estates South	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	1966	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
076000131	Stoneybrook Estates South	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1964	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
080000328	Richneck Road Area	Stoney Run	A	RMA	Auto Sales Or Rental		1986		ELV M&E, BP-SP, DRI, FB
080000348	Richneck Road Area	Stoney Run	A	RMA	Specialty Shop		1967		ELV M&E, BP-SP, DRI, FB
080000399	Richneck Road Area	Stoney Run	A	RMA	Public Utility				ELV M&E, BP-SP, DRI, FB
080000513	Richneck Road Area	Stoney Run	A	RMA	Auto Sales Or Rental		1989		ELV M&E, BP-SP, DRI, FB
080000516	Richneck Road Area	Stoney Run	A	RMA	Hotel/Motel		1962		ELV M&E, BP-SP, DRI, FB
080000517	Richneck Road Area	Stoney Run	A	RMA	Auto Sales Or Rental				ELV M&E, BP-SP, DRI, FB
089000323	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000409	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000410	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000512	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
089000513	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA, RPA	Single Family Detached	Split Level	1969	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000514	Hanover Heights	Stoney Run/Denbigh Branch	AE	RPA, RMA	Single Family Detached	Split Level	1969	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000515	Hanover Heights	Stoney Run/Denbigh Branch	AE	RPA, RMA	Single Family Detached	Split Level	1969	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000516	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA, RPA	Single Family Detached	Ranch	1968	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000517	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA, RPA	Single Family Detached	Split Level	1966	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
089000518	Hanover Heights	Stoney Run/Denbigh Branch	AE	RMA, RPA	Single Family Detached	Colonial	1961	Crawl Space	FAP, ELV M&E, BP-SP, DRI, FB
094000101	Moyer Road Area	Warwick River	AE	RPA, RMA	Single Family Detached	Cape Cod	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
094000102	Moyer Road Area	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
094000103	Moyer Road Area	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	2001	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
094000104	Moyer Road Area	Warwick River	AE	RMA, RPA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
094000105	Moyer Road Area	Warwick River	AE	RMA, RPA	Vacant				OSP
094000106	Moyer Road Area	Warwick River	AE	RMA, RPA	Single Family Detached	Colonial	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
094000107	Moyer Road Area	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1965	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
094000109	Moyer Road Area	Warwick River	AE	RMA, RPA	Single Family Detached	Colonial	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
094000110	Moyer Road Area	Warwick River	X		Single Family Detached	Colonial	1987	Crawl Space	ELV M&E, BP-SP, DRI, FB
094000111	Moyer Road Area	Warwick River	AE	RMA, RPA	Single Family Detached	Contemporary	1969	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
094000118	Moyer Road Area	Warwick River	AE	RPA, RMA	Single Family Detached	Split Level	1981	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
099000111	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
099000112	Auburn Pointe	Urban	X		Single Family Detached	Colonial	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
099000113	Auburn Pointe	Urban	X		Multi Family 11+ Units/Acre		1972		ELV M&E, BP-SP, DRI, FB
109000216	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000241	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000242	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000243	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000244	Auburn Pointe	Urban	X		Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000245	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000301	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000302	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000303	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000304	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
109000305	Auburn Pointe	Urban	X		Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
109000306	Auburn Pointe	Urban	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
115000140	Warwick River Estates	Warwick River	AE	RPA, RMA	Single Family Detached	Contemporary	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000141	Warwick River Estates	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	1976	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000142	Warwick River Estates	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000143	Warwick River Estates	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000166	Warwick River Estates	Warwick River	AE	RMA, RPA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000167	Warwick River Estates	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1965	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
115000169	Warwick River Estates	Warwick River	AE	RPA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
115000171	Warwick River Estates	Warwick River	AE	RPA	Single Family Detached	Contemporary	1988	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000509	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000509	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000509	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000509	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000510	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000510	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000510	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000510	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Colonial	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000511	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000511	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000511	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000511	Shore Park	Lucas Creek	X	RMA	Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
127000512	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000512	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000512	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000512	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000513	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Split Level	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000513	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Split Level	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000513	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Split Level	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000513	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Split Level	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000514	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000514	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000514	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
127000514	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000515	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
127000515	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
127000515	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
127000515	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
127000516	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000516	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000516	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000516	Shore Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000517	Shore Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Colonial	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000517	Shore Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Colonial	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000517	Shore Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Colonial	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
127000517	Shore Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Colonial	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
129000161	Sherwood Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
129000162	Sherwood Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
129000163	Sherwood Park	Lucas Creek	X	RMA	Single Family Detached	Ranch	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
129000164	Sherwood Park	Lucas Creek	AE	RMA, RPA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
129000165	Sherwood Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
129000166	Sherwood Park	Lucas Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
145000131	Hertzler Road Area	Warwick River	X	RMA	Single Family Detached	Colonial	1973	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
145000132	Hertzler Road Area	Warwick River	X	RMA	Single Family Detached	Cape Cod	1973	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
145000133	Hertzler Road Area	Warwick River	VE	RPA, RMA	Single Family Detached	Ranch	1979	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
145000134	Hertzler Road Area	Warwick River	VE	RPA, RMA	Single Family Detached	Split Level	1965	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
145000136	Hertzler Road Area	Warwick River	VE	RMA, RPA	Single Family Detached	Ranch	1959	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
145000137	Hertzler Road Area	Warwick River	VE	RPA, RMA	Single Family Detached	Colonial	1969	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
145000138	Hertzler Road Area	Warwick River	VE	RPA, RMA	Single Family Detached	Ranch	1950	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000110	Warwick Shores	Warwick River	VE	RPA, RMA	Single Family Detached	Ranch	1987	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000111	Warwick Shores	Warwick River	VE	RPA, RMA	Single Family Detached	Ranch	1963	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000112	Warwick Shores	Warwick River	VE	RMA, RPA	Single Family Detached	Ranch	1964	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000113	Warwick Shores	Warwick River	VE	RPA, RMA	Single Family Detached	Colonial	2008	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
166000114	Warwick Shores	Warwick River	VE, AE	RPA, RMA	Single Family Detached	Ranch	1961	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000115	Warwick Shores	Warwick River	VE, AE	RPA, RMA	Single Family Detached	Ranch	1961	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
166000116	Warwick Shores	Warwick River	AE, VE	RPA, RMA	Single Family Detached	Cape Cod	1990	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000117	Warwick Shores	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1971	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
166000118	Warwick Shores	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
166000119	Warwick Shores	Warwick River	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
166000120	Warwick Shores	Warwick River	AE	RMA, RPA	Single Family Detached	Colonial	1967	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
166000121	Warwick Shores	Warwick River	AE	RPA, RMA	Single Family Detached	Colonial	1962	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
189000102	Denbigh Plantation	Warwick River	VE, AE	RPA, RMA	Single Family Detached	Colonial	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
189000103	Denbigh Plantation	Warwick River	AE, VE	RPA, RMA	Single Family Detached	Cape Cod	1984	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
189000104	Denbigh Plantation	Warwick River	AE, VE	RPA, RMA	Single Family Detached	Contemporary	1970	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
189000105	Denbigh Plantation	Warwick River	VE, AE	RPA, RMA	Single Family Detached	Contemporary	1995	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
189000106	Denbigh Plantation	Warwick River	VE, AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
189000110	Denbigh Plantation	Warwick River	X	RMA	Single Family Detached	Ranch	1981	Basement	ELV M&E, BP-SP, DRI, FB, LUB
189000111	Denbigh Plantation	Warwick River	X	RMA, RPA	Single Family Detached	Colonial	1980	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
189000112	Denbigh Plantation	Warwick River	X	RMA, RPA	Single Family Detached	Colonial	1975	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
189000113	Denbigh Plantation	Warwick River	X	RMA, RPA	Single Family Detached	Cape Cod	1978	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
191000131	Maxwell Gardens	Deep Creek	AE	RMA	Single Family Detached	Colonial	1947	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
191000133	Maxwell Gardens	Deep Creek	AE	RMA	Single Family Detached	Colonial	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
191000138	Maxwell Gardens	Deep Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
191000141	Maxwell Gardens	Deep Creek	AE	RMA, RPA	Single Family Detached	Ranch	1957	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
191000142	Maxwell Gardens	Deep Creek	AE	RMA, RPA	Single Family Detached	Contemporary	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
191000144	Maxwell Gardens	Deep Creek	X	RMA	Single Family Detached	Colonial	1999	Basement	ELV M&E, BP-SP, DRI, FB, LUB
191000202	Maxwell Gardens	Deep Creek	AE	RPA	Single Family Detached	Colonial	1978	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
191000203	Maxwell Gardens	Deep Creek	AE	RPA, RMA	Single Family Detached	Ranch	1974	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
191000204	Maxwell Gardens	Deep Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
191000206	Maxwell Gardens	Deep Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
191000254	Maxwell Gardens	Deep Creek	AE	RPA	Vacant				OSP
252000217	Nelson Drive Area	Urban	X		Single Family Detached	Cape Cod	1948	Crawl Space	ELV M&E, BP-SP, DRI, FB
252000218	Nelson Drive Area	Urban	X		Single Family Detached	Cape Cod	1952	Crawl Space	ELV M&E, BP-SP, DRI, FB
252000219	Nelson Drive Area	Urban	X		Single Family Detached	Ranch	1955	Crawl Space	ELV M&E, BP-SP, DRI, FB
252000220	Nelson Drive Area	Urban	X		Single Family Detached	Two Story, old	1920	Crawl Space	ELV M&E, BP-SP, DRI, FB
257000420	Nelson Drive Area	Urban	X		Single Family Detached	Cape Cod	1941	Crawl Space	ELV M&E, BP-SP, DRI, FB
257000421	Nelson Drive Area	Urban	X		Single Family Detached	Cape Cod	1951	Crawl Space	ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
257000422	Nelson Drive Area	Urban	X		Single Family Detached	Ranch	1947	Crawl Space	ELV M&E, BP-SP, DRI, FB
257000423	Nelson Drive Area	Urban	X		Single Family Detached	Ranch	1949	Crawl Space	ELV M&E, BP-SP, DRI, FB
257000424	Nelson Drive Area	Urban	X		Professional Office		1965		ELV M&E, BP-SP, DRI, FB
257000507	Nelson Drive Area	Urban	X		Single Family Detached	Colonial	1937	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
268000705	South Rivermont	Urban	X	RMA	Single Family Detached	Colonial	2017	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
268000706	South Rivermont	Urban	X		Single Family Detached	Cape Cod	1945	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
268000720	South Rivermont	Urban	X	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
268000723	South Rivermont	Urban	X	RMA	Public Utility		2015		ELV M&E, BP-SP, DRI, FB
268000725	South Rivermont	Urban	X	RMA	Public Utility				ELV M&E, BP-SP, DRI, FB
268000769	South Rivermont	Urban	X	RMA	Single Family Detached	Colonial	2017	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
269000906	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000907	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1994	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000908	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000909	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000910	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000911	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000912	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
269000913	Hilton Place	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000223	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1955	Concrete Slab	ELV M&E, BP-SP, DRI, FB
274000224	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1955	Concrete Slab	ELV M&E, BP-SP, DRI, FB
274000225	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000226	Newmarket Creek	Newmarket Creek	AE	RMA	Professional Office		1967		ELV M&E, BP-SP, DRI, FB
274000227	Newmarket Creek	Newmarket Creek	X	RMA	Moving/Storage		2007		ELV M&E, BP-SP, DRI, FB
274000526	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000527	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000528	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000529	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000530	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached		2019	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000531	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000601	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1955	Concrete Slab	ELV M&E, BP-SP, DRI, FB
274000602	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1955	Concrete Slab	ELV M&E, BP-SP, DRI, FB
274000605	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
274000606	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000607	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000608	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000609	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000610	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000611	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000612	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000613	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000614	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000615	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000616	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000617	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000618	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000619	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000620	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000621	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000622	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000623	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000625	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000626	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000627	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000628	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000629	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000630	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000631	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000632	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000633	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
274000634	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000635	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000636	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000637	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000638	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
274000639	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000702	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000703	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000704	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000705	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000706	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000707	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000708	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000709	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000715	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000716	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000717	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000718	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000719	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000720	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Multi Family 11+ Units/Acre		1991		ELV M&E, BP-SP, DRI, FB
274000721	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Mini-Warehouse Facility		1988		ELV M&E, BP-SP, DRI, FB
274000723	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1988	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000724	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1988	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000725	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1988	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000726	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1988	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
274000727	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	2003	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000218	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Wetlands				OSP
275000219	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000220	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000221	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000624	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000635	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000636	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000637	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275000638	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275001003	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
275001004	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275001005	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
275001006	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
276000102	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Multi Family 11+ Units/Acre		1977		ELV M&E, BP-SP, DRI, FB
276000104	Newmarket Creek	Newmarket Creek	AE	RMA	Public Utility		1979		ELV M&E, BP-SP, DRI, FB
276000122	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000123	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000124	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000125	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000126	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000127	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
276000128	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000129	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000130	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000131	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000132	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000133	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000134	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000135	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000136	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
276000137	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000138	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000139	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000140	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000141	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000142	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000143	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000144	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000145	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000146	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Colonial	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000147	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
276000148	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000149	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000150	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000151	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000152	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000153	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1991	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000154	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000155	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000156	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000157	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000158	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000159	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1992	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000160	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
276000161	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1993	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
279000418	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000419	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000420	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000421	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000422	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000423	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000425	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000426	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Wetlands				OSP
279000427	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000428	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000429	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000430	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000431	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000432	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000433	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000452	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000453	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1981	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000454	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1983	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
279000455	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000517	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000518	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000519	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000520	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000521	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000522	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000523	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000524	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000525	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000526	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000527	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000528	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000529	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000530	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000531	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000532	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000533	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000534	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000535	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000536	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000537	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000555	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000556	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1984	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000617	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000618	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000619	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000620	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000621	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000622	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000623	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
279000624	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
279000625	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000626	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
279000627	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000101	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000102	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000103	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000104	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000105	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000108	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000109	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000110	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000111	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000112	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000113	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000114	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000115	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000116	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000117	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000118	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000119	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000123	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000124	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000125	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000126	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000128	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Colonial	2005	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000201	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000202	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000203	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000204	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000205	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000206	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000207	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
280000227	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1941	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000301	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000302	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000303	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000304	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000305	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000306	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000307	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000308	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000309	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Colonial	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000310	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000311	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000312	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000313	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000315	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000316	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000334	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000335	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000336	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000337	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000338	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000339	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000340	Newmarket Creek	Newmarket Creek	AE		Single Family Detached	Colonial	2003	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
280000401	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000402	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000403	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000404	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000405	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000406	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000407	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000408	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000409	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
280000410	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached		2020	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000411	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1941	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000412	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000413	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000414	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000415	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000416	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	2019	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000417	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000418	Newmarket Creek	Newmarket Creek	AE	RMA	Vacant				OSP
280000419	Newmarket Creek	Newmarket Creek	AE	RMA	Vacant				OSP
280000430	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000431	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000432	Newmarket Creek	Newmarket Creek	X		Single Family Detached		2021	Concrete Slab	ELV M&E, BP-SP, DRI, FB
280000433	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000434	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000435	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000436	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000437	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000438	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000439	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000440	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000441	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	2019	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000442	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Colonial	2021	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
280000521	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000522	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000523	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000524	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000525	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000526	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000527	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000528	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000538	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
280000539	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000540	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000541	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000542	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000543	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000544	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000545	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000546	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000547	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000548	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000549	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000550	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000551	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000552	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000553	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000554	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000555	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000556	Newmarket Creek	Newmarket Creek	AE	RPA, RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000557	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000558	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000559	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000560	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000561	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000562	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000563	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000564	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000565	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000567	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000568	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1945	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000569	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000570	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000571	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
280000572	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000573	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000574	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000626	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Church/Synagogue/Other Places Of Worship		1965		ELV M&E, BP-SP, DRI, FB
280000628	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000629	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached		2019	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000630	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000631	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Cape Cod	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000632	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000633	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000634	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000707	Newmarket Creek	Newmarket Creek	AE	RMA	Multi Family 11+ Units/Acre		1966		ELV M&E, BP-SP, DRI, FB
280000801	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000802	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000803	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000804	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1958	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000805	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000806	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1959	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000807	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000808	Newmarket Creek	Newmarket Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
280000809	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000810	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
280000811	Newmarket Creek	Newmarket Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
281000101	Newmarket Creek	Newmarket Creek	AE	RMA, RPA	Vacant				OSP
281000116	Newmarket Creek	Newmarket Creek	AE	RMA	Convenience Store With Gas Pumps		1976		ELV M&E, BP-SP, DRI, FB
281000117	Newmarket Creek	Newmarket Creek	AE	RMA	Multi Family 11+ Units/Acre		1968		ELV M&E, BP-SP, DRI, FB
281000118	Newmarket Creek	Newmarket Creek	AE	RMA	Convenience Store		1967		ELV M&E, BP-SP, DRI, FB
302010116	Salters Creek	Salters Creek	X		Vacant				OSP
302010117	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302010118	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1986	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302010119	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010120	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010121	Salters Creek	Salters Creek	X		Vacant				OSP
302010122	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1928	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010124	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1928	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010125	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Pier	ELV M&E, DI, FB
302010127	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Pier	ELV M&E, DI, FB
302010128	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010129	Salters Creek	Salters Creek	X		Specialty Shop		1950		ELV M&E, BP-SP, DRI, FB
302010130	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1995	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010132	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1928	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010133	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1928	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010135	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1963	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010138	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1963	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010139	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010140	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2010	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010202	Salters Creek	Salters Creek	AE	RMA, RPA	Gas Pumps With Car Wash		1950		ELV M&E, BP-SP, DRI, FB
302010206	Salters Creek	Salters Creek	AE	RMA	Funeral Home Or Mortuary		1958		ELV M&E, BP-SP, DRI, FB
302010208	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010209	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302010210	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1928	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010212	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010214	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010216	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302010218	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010221	Salters Creek	Salters Creek	X	RMA	Single Family Detached		1928		FV, ELV M&E, BP-SP, DRI, FB
302010223	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1999	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010224	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2001	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302010227	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1999	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302010228	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2001	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010231	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1928	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010233	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1928	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010234	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1928	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010235	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302010236	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302010239	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1999	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010240	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2001	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010243	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1999	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010244	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010249	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010250	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010252	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010253	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010254	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010255	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010304	Salters Creek	Salters Creek	AE	RMA, RPA	Public Utility				ELV M&E, BP-SP, DRI, FB
302010305	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302010308	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302010311	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2008	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010312	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1958	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010313	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010314	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010315	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302010316	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1935	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302010317	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1936	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302010318	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1936	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302010319	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Two Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010320	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Cape Cod	1936	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302010321	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302010322	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302010323	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302010324	Salters Creek	Salters Creek	AE		Vacant				OSP
302020101	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020102	Salters Creek	Salters Creek	X		Single Family Attached	Colonial	1986	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020104	Salters Creek	Salters Creek	X		Auto Service		1950		ELV M&E, BP-SP, DRI, FB
302020105	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020107	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020108	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020109	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020120	Salters Creek	Salters Creek	X		Vacant				OSP
302020122	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2010	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020123	Salters Creek	Salters Creek	X		Professional Office		1950		ELV M&E, BP-SP, DRI, FB
302020124	Salters Creek	Salters Creek	X		Single Family Attached	Colonial	1984	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020125	Salters Creek	Salters Creek	X		Single Family Attached	Colonial	1984	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020139	Salters Creek	Salters Creek	X		Church/Synagogue/Other Places Of Worship				ELV M&E, BP-SP, DRI, FB
302020202	Salters Creek	Salters Creek	X		Single Family Detached	Contemporary	2008	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020203	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2018	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020206	Salters Creek	Salters Creek	X		Single Family Detached		2018	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020208	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1993	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020210	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020213	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Pier	FAP, ELV M&E, DI, FB
302020216	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020217	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302020219	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Cape Cod	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020220	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020223	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020226	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020227	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020228	Salters Creek	Salters Creek	X		Single Family Attached	Ranch	1950	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020230	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302020231	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020232	Salters Creek	Salters Creek	X		Vacant				OSP

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302020233	Salters Creek	Salters Creek	X		Vacant				OSP
302020238	Salters Creek	Salters Creek	X		Single Family Detached	Other	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020239	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020240	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020242	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1985	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302020243	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1985	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302020244	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020245	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020246	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020247	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020248	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020249	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020250	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020255	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020256	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020257	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020258	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020259	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020260	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020261	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302020301	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302020306	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Attached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020308	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020310	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020311	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020312	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1925	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302020317	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302020319	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302020320	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302020331	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302020332	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302020333	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Colonial	2007	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302020334	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020335	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020337	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302020338	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302020341	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020344	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1951	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020401	Salters Creek	Salters Creek	X		Vacant				OSP
302020403	Salters Creek	Salters Creek	X		Vacant				OSP
302020404	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020405	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020407	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1915	Pier	FAP, ELV M&E, DI, FB
302020409	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1925	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020410	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020412	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1910	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020414	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1919	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020416	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020417	Salters Creek	Salters Creek	X		Vacant				OSP
302020419	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020420	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1971	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020421	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1981	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020422	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020423	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1966	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020426	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020428	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020429	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020432	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020435	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020436	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020438	Salters Creek	Salters Creek	AE	RPA, RMA	Wetlands				OSP
302020445	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1961	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020447	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1966	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020449	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302020450	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1973	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020451	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1905	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020453	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1925	Pier	ELV M&E, DI, FB
302020455	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1920	Pier	ELV M&E, DI, FB
302020456	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2003	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020458	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2002	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020459	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2002	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020461	Salters Creek	Salters Creek	X		Specialty Shop	Colonial	2009	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020462	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1915	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020463	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2002	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020464	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020466	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1985	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302020468	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1920	Pier	ELV M&E, DI, FB
302020470	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1915	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020471	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302020472	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Pier	FAP, ELV M&E, DI, FB
302020473	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302020476	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020478	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Colonial	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020480	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Colonial	1985	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020482	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1967	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020483	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302020487	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Two Story, old	1935	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302020488	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302020490	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1990	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020491	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Colonial	1990	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302020492	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Colonial	1990	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030110	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030112	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Colonial	2006	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030125	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030126	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Pier	ELV M&E, DI, FB
302030127	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302030128	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030129	Salters Creek	Salters Creek	X		Doctor/Dentist/Medical Laboratory		1920		ELV M&E, BP-SP, DRI, FB
302030203	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030204	Salters Creek	Salters Creek	X	RMA	Single Family Attached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030206	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030207	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1933	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030208	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030209	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030210	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1936	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030212	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302030213	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302030214	Salters Creek	Salters Creek	AE	RMA	Office And Warehouse		1940		ELV M&E, BP-SP, DRI, FB
302030215	Salters Creek	Salters Creek	AE	RMA	Auto Service		1940		ELV M&E, BP-SP, DRI, FB
302030218	Salters Creek	Salters Creek	AE	RMA	Single Family Detached		1935		FAP, ELV M&E, BP-SP, DRI, FB
302030219	Salters Creek	Salters Creek	AE	RMA	Single Family Detached		1932		FAP, ELV M&E, BP-SP, DRI, FB
302030220	Salters Creek	Salters Creek	AE	RMA	Lodge/Club		1950		ELV M&E, BP-SP, DRI, FB
302030221	Salters Creek	Salters Creek	AE	RMA	Church/Synagogue/Other Places Of Worship				ELV M&E, BP-SP, DRI, FB
302030223	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030224	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030225	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030226	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302030228	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302030229	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302030230	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302030231	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302030232	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302030233	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302030235	Salters Creek	Salters Creek	AE	RPA	Public Utility				ELV M&E, BP-SP, DRI, FB
302030240	Salters Creek	Salters Creek	AE	RPA	Wetlands				OSP
302030241	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302030242	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030243	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030244	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030245	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030246	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030247	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030248	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030249	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030301	Salters Creek	Salters Creek	AE	RPA, RMA	Gas Pumps With Car Wash		1920		ELV M&E, BP-SP, DRI, FB
302030302	Salters Creek	Salters Creek	AE	RPA, RMA	Lodge/Club				ELV M&E, BP-SP, DRI, FB
302030401	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1976	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030405	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302030406	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030407	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030408	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030409	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030413	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302030415	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1982	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030416	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1982	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030417	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030418	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1972	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302030421	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030422	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302030423	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1922	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030424	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Ranch	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030426	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Two Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302030513	Salters Creek	Salters Creek	AE	RMA	Professional Office		1950		ELV M&E, BP-SP, DRI, FB
302030514	Salters Creek	Salters Creek	X		Single Family Detached	Other	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030515	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030516	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302030539	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302030540	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030541	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030542	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1910	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030555	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030556	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030557	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302030559	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1910	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040101	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040103	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040104	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040105	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040108	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040109	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040111	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040113	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Cape Cod	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040114	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040116	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040118	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040120	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302040124	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302040126	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040128	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040131	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040133	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040134	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040136	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1967	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302040139	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040201	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040202	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040204	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040206	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040207	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Pier	FAP, ELV M&E, DI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040208	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040210	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040211	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040213	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040215	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040216	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1974	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040218	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040220	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040221	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040222	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040223	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1968	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040224	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040225	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040226	Salters Creek	Salters Creek	AE		Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040234	Salters Creek	Salters Creek	X		Single Family Detached	Other	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040237	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2004	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040240	Salters Creek	Salters Creek	X		Single Family Detached	Other	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040241	Salters Creek	Salters Creek	X		Vacant				OSP
302040242	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040244	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040245	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040246	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040248	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040249	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040250	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040251	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040252	Salters Creek	Salters Creek	X		Single Family Detached	Other	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040264	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1987	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040302	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040304	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040305	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040306	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040307	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040308	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040310	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040315	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040316	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040318	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040319	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040320	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Pier	FAP, ELV M&E, DI, FB
302040322	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040323	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040324	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1937	Pier	FAP, ELV M&E, DI, FB
302040325	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040327	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040329	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040331	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040333	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040335	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1981	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040336	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040338	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040339	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302040341	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040342	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1990	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040343	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1990	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040344	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040401	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040402	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040404	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040406	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040407	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040408	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040409	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040411	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040412	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Pier	FAP, ELV M&E, DI, FB
302040414	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2020	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040417	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2009	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040418	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1925	Basement	FV, ELV M&E, BP-SP, DRI, FB
302040420	Salters Creek	Salters Creek	X		Vacant				OSP
302040423	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040425	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1915	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040426	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040427	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040428	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040429	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040431	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Pier	FAP, ELV M&E, DI, FB
302040432	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1915	Basement	ELV M&E, BP-SP, DRI, FB, LUB
302040434	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040436	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1915	Pier	ELV M&E, DI, FB
302040438	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1984	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040442	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1915	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040444	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040445	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040446	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040447	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040449	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040450	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040452	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040453	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040454	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040456	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040457	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
302040458	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040460	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040461	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040462	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040464	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040465	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040466	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2007	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302040467	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040468	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040471	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040501	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040503	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302040505	Salters Creek	Salters Creek	AE	RMA, RPA	Vacant				OSP
302040507	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040508	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040509	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040510	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040513	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040515	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040516	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040518	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040519	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040520	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040522	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040524	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040526	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040527	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040529	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040530	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040531	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040532	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040535	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040536	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040538	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Ranch	1985	Concrete Slab	ELV M&E, BP-SP, DRI, FB
302040539	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1985	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302040540	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Two Story, old	1985	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040541	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040601	Salters Creek	Salters Creek	AE	RPA	Single Family Attached	Two Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040602	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	1975	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040604	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Other	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040605	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040607	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040608	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040609	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040610	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040611	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040614	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1915	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040616	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040617	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040618	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2002	Pier	FAP, ELV M&E, DI, FB
302040619	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040622	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040624	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	2009	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040626	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040629	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302040630	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040631	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Colonial	1981	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040633	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Colonial	1958	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040635	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1958	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040637	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1988	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
302040639	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040640	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040642	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2007	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040643	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040645	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1966	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040647	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1895	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040648	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040649	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
302040650	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040652	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1931	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040655	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1962	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040657	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040658	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040659	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
302040661	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
302040662	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040663	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
302040664	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040665	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1989	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040666	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1989	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
302040667	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
302040668	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Pier	FAP, ELV M&E, DI, FB
303010101	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1949	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
303010301	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303010302	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
303030401	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
303030402	Salters Creek	Salters Creek	AE		Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
303030403	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
303030406	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
303030416	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
303030417	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
303030418	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
303030419	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
303030420	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030421	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030422	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030424	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030428	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030430	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1910	Basement	ELV M&E, BP-SP, DRI, FB, LUB
303030431	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1910	Basement	ELV M&E, BP-SP, DRI, FB, LUB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
307020618	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020619	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
307020620	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1925	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307020621	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020625	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1940	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307020627	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1949	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020628	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
307020629	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
307020630	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1925	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
307020631	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1925	Pier	ELV M&E, DI, FB
307020632	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020633	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020634	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020635	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Colonial	1984	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307020636	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
307020637	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Colonial	2008	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020638	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Colonial	1983	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307020639	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2007	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020640	Salters Creek	Salters Creek	X		Vacant				OSP
307020641	Salters Creek	Salters Creek	X		Vacant				OSP
307020642	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020643	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1972	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020644	Salters Creek	Salters Creek	X		Vacant				OSP
307020645	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1925	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307020701	Salters Creek	Salters Creek	X		Vacant				OSP
307020702	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020703	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020704	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1925	Pier	ELV M&E, DI, FB
307020705	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307020707	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020708	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1925	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
307020709	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1925	Basement	ELV M&E, BP-SP, DRI, FB, LUB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
307020710	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020712	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Colonial	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020713	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Colonial	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020714	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Two Story, old	1925	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020715	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307020716	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
307020830	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1925	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040222	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1915	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040223	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040305	Salters Creek	Salters Creek	X		Single Family Detached	Other	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040306	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040307	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1948	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040308	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1938	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040309	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1999	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040311	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040312	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040313	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040314	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040316	Salters Creek	Salters Creek	X		Single Family Detached	Other	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040318	Salters Creek	Salters Creek	X		Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040319	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040320	Salters Creek	Salters Creek	X		Vacant				OSP
307040321	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040322	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040323	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040324	Salters Creek	Salters Creek	X		Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040325	Salters Creek	Salters Creek	X		Single Family Attached	Two Story, old	1920	Pier	ELV M&E, DI, FB
307040326	Salters Creek	Salters Creek	X		Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040327	Salters Creek	Salters Creek	X		Single Family Attached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040328	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040329	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040331	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2005	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
307040332	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040333	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1964	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040335	Salters Creek	Salters Creek	X		Vacant				OSP
307040336	Salters Creek	Salters Creek	X		Single Family Detached	Other	1961	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040337	Salters Creek	Salters Creek	X		Single Family Detached	Other	1961	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040338	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1948	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040339	Salters Creek	Salters Creek	X		Single Family Detached	Other	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040340	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040341	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040342	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040344	Salters Creek	Salters Creek	X		Single Family Attached	Colonial	2008	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040347	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040349	Salters Creek	Salters Creek	X		Single Family Detached	Other	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040351	Salters Creek	Salters Creek	X		Single Family Detached	Other	1964	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040353	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040356	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2001	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040401	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040402	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040403	Salters Creek	Salters Creek	X		Single Family Detached	Other	1964	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040404	Salters Creek	Salters Creek	X		Vacant				OSP
307040405	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040406	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040409	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2007	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040411	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040412	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Other	1967	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040414	Salters Creek	Salters Creek	X		Vacant		2023	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040418	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1915	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040421	Salters Creek	Salters Creek	X		Single Family Detached	Other	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040423	Salters Creek	Salters Creek	X		Single Family Attached	Colonial	2009	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040424	Salters Creek	Salters Creek	X		Single Family Detached	Other	1971	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040426	Salters Creek	Salters Creek	X		Single Family Detached	Other	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040427	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1915	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
307040428	Salters Creek	Salters Creek	X		Vacant				OSP
307040429	Salters Creek	Salters Creek	X		Single Family Detached	Contemporary	2021	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040501	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040502	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040504	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040506	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040508	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040509	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040510	Salters Creek	Salters Creek	X		Single Family Detached	Other	1964	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040513	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040514	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1965	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040517	Salters Creek	Salters Creek	X		Vacant				OSP
307040518	Salters Creek	Salters Creek	X		Single Family Detached	Other	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040519	Salters Creek	Salters Creek	X		Vacant				OSP
307040520	Salters Creek	Salters Creek	X		Single Family Detached	Other	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040521	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
307040522	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040524	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040525	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Pier	ELV M&E, DI, FB
307040526	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040528	Salters Creek	Salters Creek	X		Single Family Detached	Other	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040529	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040530	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040531	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040533	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040534	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040537	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1930	Pier	ELV M&E, DI, FB
307040538	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040539	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040541	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040542	Salters Creek	Salters Creek	X		Vacant				OSP
307040543	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1992	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
307040544	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1981	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307040545	Salters Creek	Salters Creek	X		Single Family Attached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040546	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1940	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040547	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040601	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040602	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040603	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040605	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040607	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1984	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
307040609	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2004	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040611	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040612	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040614	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040616	Salters Creek	Salters Creek	AE		Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040617	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1938	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040620	Salters Creek	Salters Creek	AE		Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040622	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
307040624	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040625	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040626	Salters Creek	Salters Creek	X		Single Family Attached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040629	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
307040630	Salters Creek	Salters Creek	X		Vacant				OSP
307040632	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
307040642	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
307040653	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
307040654	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
307040655	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1990	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307040656	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1990	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307040657	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1990	Concrete Slab	ELV M&E, BP-SP, DRI, FB
307040705	Salters Creek	Salters Creek	AE	RMA	Public Utility				ELV M&E, BP-SP, DRI, FB
307040707	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010112	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308010113	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010114	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010115	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010116	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010117	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010118	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010119	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	2007	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010120	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010121	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010122	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010123	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010124	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010125	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010126	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010201	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1955	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010202	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1986	Concrete Slab	ELV M&E, BP-SP, DRI, FB
308010203	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010204	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010205	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1950	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010206	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1950	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010207	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2008	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010208	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010209	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1937	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010210	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Colonial	1900	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308010212	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Two Story, old	1939	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010213	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1930	Pier	FAP, ELV M&E, DI, FB
308010214	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Two Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010215	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Ranch	1950	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308010216	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010217	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1940	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010218	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010220	Salters Creek	Salters Creek	X		Vacant				OSP

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308010221	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010301	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010302	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010304	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308010305	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010306	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1956	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010307	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308010308	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010309	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010311	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010312	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308010313	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1951	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010314	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010315	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010316	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010317	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010319	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1949	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010321	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010322	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010323	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1952	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010324	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010325	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2004	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010326	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1952	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010327	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010328	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1952	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010329	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010330	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1951	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010332	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
308010402	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Other	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010404	Salters Creek	Salters Creek	X	RPA, RMA	Single Family Detached	One Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010407	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010408	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308010410	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	One Story, old	1910	Pier	FAP, ELV M&E, DI, FB
308010413	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1882	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010417	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	2009	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010419	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2009	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010503	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Colonial	1998	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010506	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010507	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Colonial	1992	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010508	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010509	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010510	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Colonial	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010511	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010513	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010515	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010517	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Cape Cod	1996	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308010520	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010522	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	One Story, old	1920	Pier	FAP, ELV M&E, DI, FB
308010524	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1920	Pier	FAP, ELV M&E, DI, FB
308010526	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010528	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010529	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1959	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010531	Salters Creek	Salters Creek	AE	RPA	Vacant				OSP
308010533	Salters Creek	Salters Creek	AE	RPA	Single Family Detached	Ranch	1996	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010535	Salters Creek	Salters Creek	AE	RPA, RMA	Single Family Detached	Cape Cod	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010536	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308010537	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Other	1920	Pier	ELV M&E, DI, FB
308010538	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Colonial	1987	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010539	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308010540	Salters Creek	Salters Creek	AE	RPA, RMA	Vacant				OSP
308010541	Salters Creek	Salters Creek	AE	RMA	Church/Synagogue/Other Places Of Worship		1956		ELV M&E, BP-SP, DRI, FB
308010542	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1950	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308010543	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1985	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308010545	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	2007	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020105	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020107	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Detached	One Story, old	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020108	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1965	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020110	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020113	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020116	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
308020118	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1983	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020119	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020124	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1964	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020125	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020126	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020127	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
308020128	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020130	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020131	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020132	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1970	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020134	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020201	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020203	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020205	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020206	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1931	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020209	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1935	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020211	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old			ELV M&E, BP-SP, DRI, FB
308020212	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1987	Concrete Slab	ELV M&E, BP-SP, DRI, FB
308020213	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1979	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020214	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1960	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020217	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020218	Salters Creek	Salters Creek	X		Single Family Attached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020219	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB
308020222	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1989	Concrete Slab	ELV M&E, BP-SP, DRI, FB
308020223	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308020225	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB
308020227	Salters Creek	Salters Creek	X		Vacant				OSP
308020228	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020229	Salters Creek	Salters Creek	X		Vacant				OSP
308020231	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020232	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1974	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020235	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020236	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1980	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308020237	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020238	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2021	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020240	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020243	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1988	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020244	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1935	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020245	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020247	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020248	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020249	Salters Creek	Salters Creek	X		Pharmacy				ELV M&E, BP-SP, DRI, FB
308020250	Salters Creek	Salters Creek	X		Specialty Shop		1952		ELV M&E, BP-SP, DRI, FB
308020251	Salters Creek	Salters Creek	X	RMA	Specialty Shop		1958		ELV M&E, BP-SP, DRI, FB
308020252	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1920	Pier	FAP, ELV M&E, DI, FB
308020254	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1920	Pier	FAP, ELV M&E, DI, FB
308020255	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020256	Salters Creek	Salters Creek	AE		Single Family Detached	Colonial	1989	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308020257	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1989	Concrete Slab	ELV M&E, BP-SP, DRI, FB
308020305	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1977	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020307	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1935	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020308	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1961	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020309	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1950	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020311	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB
308020312	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB
308020313	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB
308020314	Salters Creek	Salters Creek	X		Hospital				ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308020315	Salters Creek	Salters Creek	X	RMA	Hospital				ELV M&E, BP-SP, DRI, FB
308020316	Salters Creek	Salters Creek	X	RMA, RPA	Hospital				ELV M&E, BP-SP, DRI, FB
308020325	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020327	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1984	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020401	Salters Creek	Salters Creek	X		Public Utility				ELV M&E, BP-SP, DRI, FB
308020404	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2020	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020407	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1972	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020409	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1972	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020411	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020412	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020414	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2009	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020417	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020422	Salters Creek	Salters Creek	X		Single Family Detached	Other	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020425	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1973	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020427	Salters Creek	Salters Creek	X		Single Family Detached	Other	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020428	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020429	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1932	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020431	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020432	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020433	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
308020434	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1969	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020435	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1974	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020437	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020438	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020440	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020441	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020442	Salters Creek	Salters Creek	X		Single Family Detached	Cape Cod	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020443	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1988	Concrete Slab	ELV M&E, BP-SP, DRI, FB
308020444	Salters Creek	Salters Creek	AE		Single Family Detached	Ranch	1995	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020445	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	2020	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308020501	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1964	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020503	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1910	Pier	FAP, ELV M&E, DI, FB



PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308020509	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020510	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020511	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020512	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020513	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020514	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020515	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020516	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020518	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020519	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020521	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020522	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020523	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020524	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020525	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1987	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308020526	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1987	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308020527	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020528	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1960	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020529	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020530	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Colonial	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020531	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Two Story, old	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020532	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020533	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1950	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020534	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1950	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020535	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020537	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1950	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020538	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020539	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020541	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020601	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020602	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308020603	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308020606	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020607	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020609	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020610	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020611	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1968	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020613	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020614	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020615	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020618	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020620	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308020621	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020622	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020623	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020624	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020625	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020627	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020628	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020629	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020630	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020631	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020632	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020633	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020634	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020635	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308020636	Salters Creek	Salters Creek	AE	RMA, RPA	Single Family Attached	Colonial	1986	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030101	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030103	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030106	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030107	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030108	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1939	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030109	Salters Creek	Salters Creek	AE	RMA	Church/Synagogue/Other Places Of Worship		1994		ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
308030111	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1974	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030113	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Two Story, old	1910	Pier	FAP, ELV M&E, DI, FB
308030114	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	2008	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030116	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030117	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Other	1963	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030118	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030119	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030120	Salters Creek	Salters Creek	X	RMA	Vacant				OSP
308030122	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030124	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030125	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308030127	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030128	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030129	Salters Creek	Salters Creek	AE	RMA	Public/Private School K-12		2016		ELV M&E, BP-SP, DRI, FB
308030133	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030201	Salters Creek	Salters Creek	AE, VE	RPA, RMA	Park		1975		OSP
308030202	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1945	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030203	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1945	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030204	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1945	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308030212	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030213	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1940	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308030226	Salters Creek	Salters Creek	X	RMA	Multi Family 11+ Units/Acre		1945		ELV M&E, BP-SP, DRI, FB
308040101	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040102	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308040103	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1955	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040105	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040106	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040108	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1955	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040109	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1910	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040111	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1931	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

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308040113	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040114	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040116	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040117	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040118	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1940	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040119	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308040120	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
308040122	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040123	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308040125	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1933	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040127	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Colonial	2020		FAP, ELV M&E, BP-SP, DRI, FB
308040128	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	One Story, old	1940	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040129	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308040131	Salters Creek	Salters Creek	AE	RMA	Vacant				ELV M&E, BP-SP, DRI, FB
308040134	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1963	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040135	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Ranch	1972	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040137	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Ranch	1970	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308040138	Salters Creek	Salters Creek	X	RMA	Single Family Detached	Colonial	1973	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
308040205	Salters Creek	Salters Creek	AE	RMA	Single Family Attached	Two Story, old	1920	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
308040206	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040208	Salters Creek	Salters Creek	AE		Vacant		2022	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040209	Salters Creek	Salters Creek	AE		Single Family Detached	Colonial	1987	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040210	Salters Creek	Salters Creek	AE		Single Family Detached	Two Story, old	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040211	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Other	1930	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040212	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
308040213	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040214	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Two Story, old	1935	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
308040216	Salters Creek	Salters Creek	AE	RMA	Single Family Detached	Cape Cod	1935	Concrete Slab	FAP, ELV M&E, BP-SP, DRI, FB
309010101	Salters Creek	Salters Creek	X	RMA	Single Family Detached	One Story, old	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
309010102	Salters Creek	Salters Creek	X		Single Family Detached	Other	1930	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010103	Salters Creek	Salters Creek	AE		Single Family Detached	Other	1930	Basement	FAP, ELV M&E, BP-SP, DRI, FB, LUB
309010104	Salters Creek	Salters Creek	AE		Single Family Detached	Ranch	1969	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB

PARCEL ID	AREA NAME	FLOODING SOURCE	FLOOD ZONE	CBPA	LAND USE	STRUCTURE TYPE	YEAR BUILT	FOUNDATION	RECOMMENDATIONS
309010105	Salters Creek	Salters Creek	AE		Single Family Detached	Two Story, old	1920	Crawl Space	FAP, FV, ELV M&E, BP-SP, DRI, FB
309010107	Salters Creek	Salters Creek	X		Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
309010109	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010111	Salters Creek	Salters Creek	X		Single Family Detached	One Story, old	1920	Pier	ELV M&E, DI, FB
309010113	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
309010114	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Contemporary	1978	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010115	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010116	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1966	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010117	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Other	1935	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010118	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1956	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
309010119	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Cape Cod	1930	Basement	ELV M&E, BP-SP, DRI, FB, LUB
309010120	Salters Creek	Salters Creek	X	RMA, RPA	Single Family Detached	Two Story, old	1920	Basement	ELV M&E, BP-SP, DRI, FB, LUB
313000520	Salters Creek	Salters Creek	AE	RMA	Vacant				OSP
313000537	Salters Creek	Salters Creek	X		Single Family Detached	Colonial	1950	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
313000538	Salters Creek	Salters Creek	X		Single Family Detached	Ranch	1991	Crawl Space	FV, ELV M&E, BP-SP, DRI, FB
316000248	Seafood Industrial Park	James River	AE		Open Air Industrial				OSP
316000250	Seafood Industrial Park	James River	AE		Open Air Industrial				ELV M&E, BP-SP, DRI, FB
319000101	Seafood Industrial Park	James River	AE		Open Air Industrial		1969		ELV M&E, BP-SP, DRI, FB
319000102	Seafood Industrial Park	James River	AE, VE	RPA, RMA	Port Related Facilities And Activities				ELV M&E, BP-SP, DRI, FB
319000104	Seafood Industrial Park	James River	X		Machine Shop		1940		ELV M&E, BP-SP, DRI, FB
319000105	Seafood Industrial Park	James River	AE		Open Air Industrial				ELV M&E, BP-SP, DRI, FB
319000118	Seafood Industrial Park	James River	AE		Wholesale Distribution Facility		2005		ELV M&E, BP-SP, DRI, FB
320000101	Seafood Industrial Park	James River	AE		Open Air Industrial		1992		ELV M&E, BP-SP, DRI, FB
999999004	Lee Hall	Skiffes Creek	X						ELV M&E, BP-SP, DRI, FB
999999004	Salters Creek	Salters Creek	X						ELV M&E, BP-SP, DRI, FB