

# COMMUNITY PROFILE

## **VILLAGE OF WALTHILL**

Papio-Missouri River NRD  
Multi-Jurisdictional Hazard Mitigation Plan Update

2021

## Local Planning Team

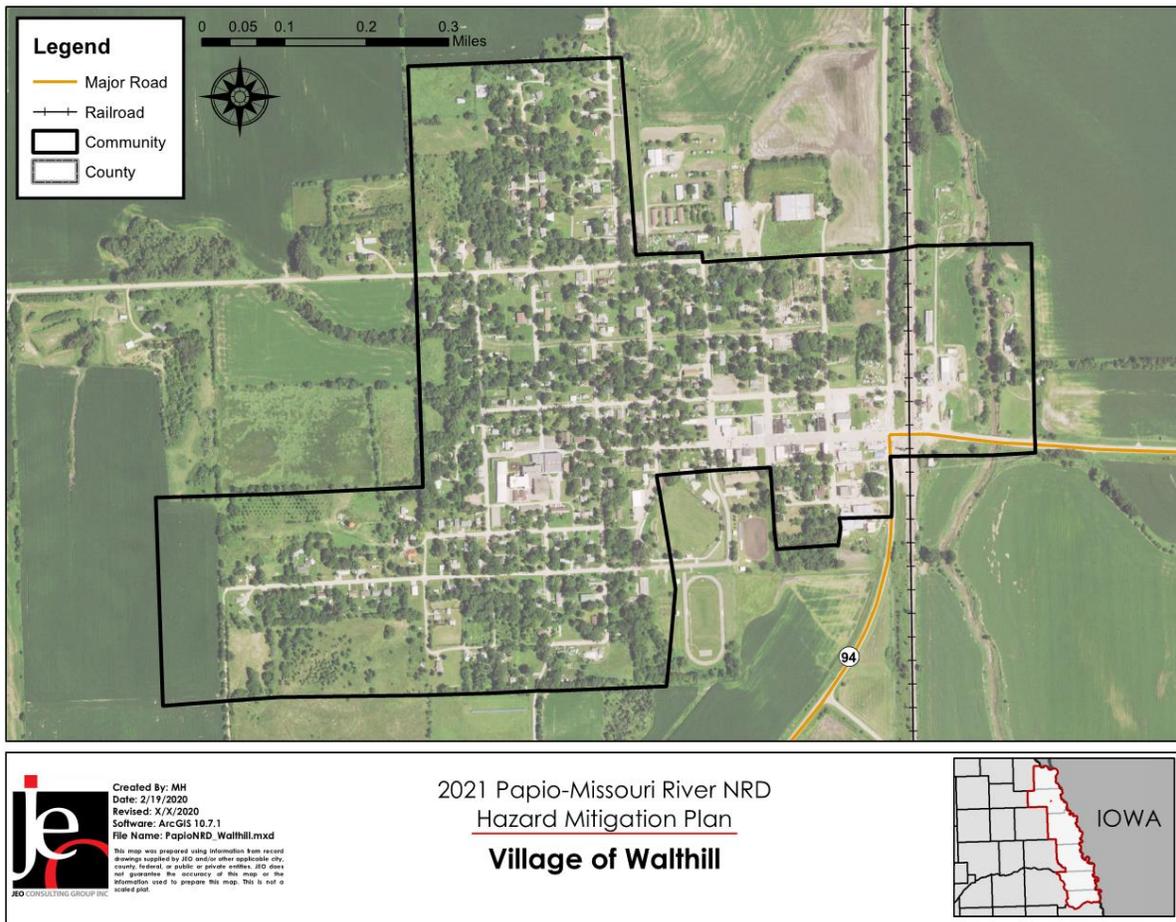
**Table WLT.1: Walthill Local Planning Team**

NAME	TITLE	JURISDICTION
LISA BEAUDETTE	Clerk/Treasurer	Village of Walthill

## Location and Geography

The Village of Walthill is located in the central portion of Thurston County and covers an area of 0.43 square miles. The major waterway in Walthill is the South Omaha Creek on the east side of the village.

**Figure WLT.1: Village of Walthill**



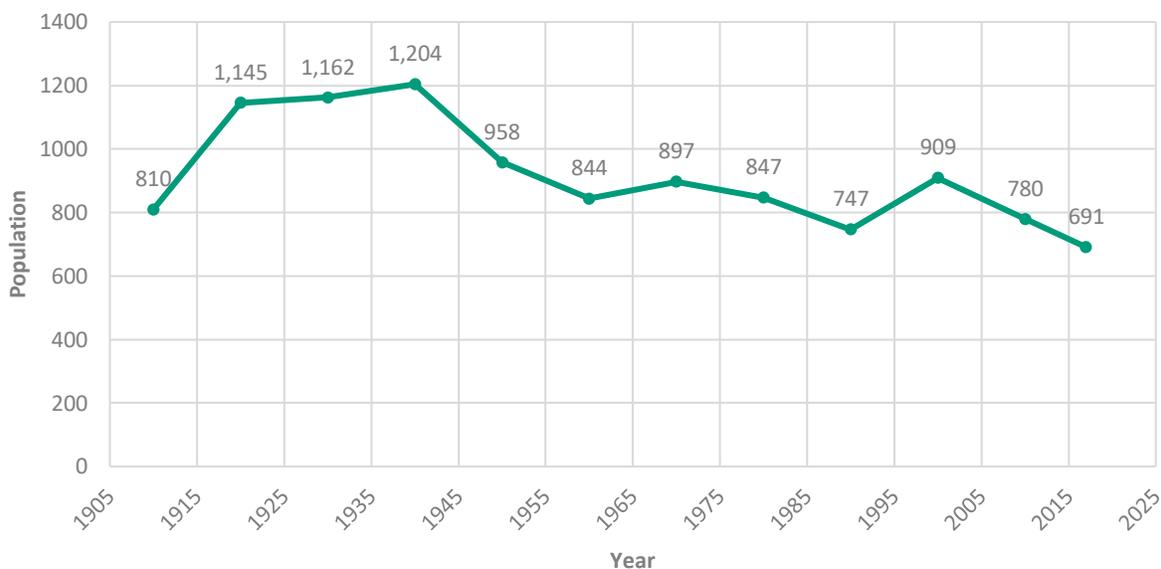
## Transportation

Walthill’s major transportation corridors include Nebraska Highway 94 and U.S. Highway 77 is located just east of the village. Nebraska Highway 94 has 2,425 vehicles on average per day with 240 of those being heavy commercial vehicles. Highway 77 has 2,740 vehicles per day and 530 heavy commercial vehicles. The Burlington North Santa Fe Railroad has rail lines located on the eastern side of the village. The local planning team noted chemicals are commonly transported through the village via rail and highway including anhydrous ammonia, coal, oil, fuel, and chlorine. Transportation information is important to hazard mitigation plans because it suggests possible evacuation corridors in the community, as well as areas more at risk to transportation incidents.

## Demographics

The population of Walthill has generally been declining since the 1940s. The current estimated population in 2017 was 691. A declining population can lead to more unoccupied housing that is not being maintained and is then at risk to high winds and other hazards. Furthermore with fewer residents, there is decreasing tax revenue for the community, which could make implementation of mitigation projects more fiscally challenging. Walthill's population accounted for approximately 10% percent of Thurston County's population in 2017.<sup>1</sup>

Figure WLT.2: Estimated Population 1910 – 2017



Source: U.S. Census Bureau<sup>2</sup>

The young, elderly, minorities, and poor may be more vulnerable to certain hazards than other groups. In comparison to the County, Walthill's population was:

- **Younger.** The median age of Walthill was 27.0 years old in 2017, compared with the County average of 28.1 years. Walthill's population has grown older since 2010, when the median age was 25.3 years old. Walthill had a smaller proportion of people under 20 years old (37.2%) than the County (38.5%).<sup>3</sup>
- **More ethnically diverse.** Walthill is a predominately American Indian community. In 2010 71% of the population was American Indian and Alaskan Native, 7% was Asian, and 9% was two or more races. By 2017 the estimated population was 81% American Indian and 0% Asian or two or more races. In comparison, Thurston County's population of was 55% and 57% American Indian, 1% Asian, and 4% and 2% two or more races in 2010 and 2017 respectively.<sup>4</sup>
- **Less likely to be at the federal poverty line.** The poverty rate in Walthill (37.5% of all persons living below the federal poverty line) is lower than the County's poverty rate (30.5%) in 2017.<sup>5</sup>

<sup>1</sup> United States Census Bureau. "2017 American Fact Finder: S0101: Age and Sex." [database file]. <https://factfinder.census.gov/>.

<sup>2</sup> United States Census Bureau. "2017 American Fact Finder: S0101: Age and Sex." [database file]. <https://factfinder.census.gov/>.

<sup>3</sup> United States Census Bureau. "2017 American Fact Finder: S0101: Age and Sex." [database file]. <https://factfinder.census.gov/>.

<sup>4</sup> United States Census Bureau. "2017 American Fact Finder: DP05: ACS Demographic and Housing Estimates." [database file]. <https://factfinder.census.gov/>.

<sup>5</sup> United States Census Bureau. "2017 American Fact Finder: DP03: Selected Economic Characteristics." [database file]. <https://factfinder.census.gov/>.

## Employment and Economics

The Village's economic base is a mixture of industries. In comparison to Thurston County, Walthill's economy had:

- **Different mix of industries.** Employment sectors accounting for 10% or more of employment in Walthill included Educational Services and Arts and Entertainment; while Thurston County's employment sectors included Educational Services and public Administration in 2017.<sup>6</sup>
- **Lower household income.** Walthill's median household income in 2017 (\$40,000) was about \$4,700 lower than the County (\$44,701).<sup>7</sup>
- **More long-distance commuters.** About 51.1% percent of workers in Walthill commuted for fewer than 15 minutes, compared with about 56.9% of workers in Thurston County. About 20.9% of workers in Walthill commute 30 minutes or more to work, compared to about 18.1% of the County workers.<sup>8</sup>

### Major Employers

Major employers in the community include Walthill Public School District, Heritage Foodtown, the Omaha Tribe, Village of Walthill (city government), and CharterWest Bank. Some residents commute to surrounding communities for employment including Macy, Winnebago, and the Sioux City area.

## Housing

In comparison to Thurston County, Walthill's housing stock was:

- **More owner occupied.** About 64.4% of occupied housing units in Walthill are owner occupied compared with 59.9% of occupied housing in Thurston County in 2017.<sup>9</sup>
- **Greater share of aged housing stock.** Walthill has a larger share of housing built prior to 1970 than the county (50.3% compared to 41.0%).<sup>10</sup>
- **More single-family homes.** The predominant housing type in the Village is single family detached and Walthill contains fewer multifamily housing with five or more units per structure than the County (5.7% compared to 7.8%). About 85.8% of housing in Walthill was single-family detached, compared with 79.3% of the County's housing. Walthill has a larger share of mobile and manufactured housing (10.0%) compared to the County (5.7%).<sup>11</sup>

The local planning team noted the total number of mobile homes in the community has decreased to approximately 20, which is not reflected in the U.S. Census Bureau figures. This housing information is relevant to hazard mitigation insofar as the age of housing may indicate which housing units were built prior to state building codes being developed. Further, unoccupied housing may suggest that future development may be less likely to occur. Finally, communities with a substantial number of mobile homes may be more vulnerable to the impacts of high winds, tornadoes, and severe winter storms.

<sup>6</sup> United States Census Bureau. "2017 American Fact Finder: DP03: Selected Economic Characteristics." [database file]. <https://factfinder.census.gov/>.

<sup>7</sup> United States Census Bureau. "2017 American Fact Finder: DP03: Selected Economic Characteristics." [database file]. <https://factfinder.census.gov/>.

<sup>8</sup> United States Census Bureau. "2017 American Fact Finder: S0802: Means of Transportation to Work by Selected Characteristics." [database file]. <https://factfinder.census.gov/>.

<sup>9</sup> United States Census Bureau. "2017 American Fact Finder: DP04: Selected Housing Characteristics." [database file]. <https://factfinder.census.gov/>.

<sup>10</sup> United States Census Bureau. "2017 American Fact Finder: DP04: Selected Housing Characteristics." [database file]. <https://factfinder.census.gov/>.

<sup>11</sup> United States Census Bureau. "2017 American Fact Finder: DP04: Selected Housing Characteristics." [database file]. <https://factfinder.census.gov/>.

## Future Development Trends

In the past five years the village has seen several changes. Seven residential homes were rehabilitated through grant funding. Ho Chunk enterprises has renovated rental properties and plans to build a spec home with surrounding lots for additional residential development. Several homes have been lost due to fires in the community and two commercial buildings downtown were demolished. Commercially a new native products store and counseling practice have opened in the village and the library is in a newly renovated building on Main Street.

The village is currently constructing additional commercial space for future development (four units for rent). The Omaha Tribe is planning to build a new casino on Main Street and is in the construction phase of a dialysis clinic. The local planning team noted available housing stock is not sufficient to meet local housing needs but additional areas are being investigated for housing development. These areas include Centennial Street and along South Taft Street. Neither area are located within the floodplain.

## Structural Inventory and Valuation

The planning team requested GIS parcel data from the County Assessor as of December 2019. This data allowed the planning team to analyze the location, number, and value of property improvements at the parcel level. The data did not contain the number of structures on each parcel. A summary of the results of this analysis is provided in the following table.

**Table WLT.2: Walthill Parcel Valuation**

NUMBER OF PARCELS	NUMBER OF IMPROVEMENTS	TOTAL IMPROVEMENT VALUE	NUMBER OF IMPROVEMENTS IN FLOODPLAIN	VALUE OF IMPROVEMENTS IN FLOODPLAIN	PERCENT OF IMPROVEMENTS IN FLOODPLAIN
430	227	\$3,718,015	3	\$115,080	1%

Source: County Assessor

## Critical Infrastructure/Key Resources

### Chemical Storage Fixed Sites

According to the Tier II System reports submitted to the Nebraska Department of Environment and Energy, there are two chemical storage sites in Walthill that contain hazardous chemicals.

**Table WLT.3: Chemical Storage Fixed Sites**

FACILITY NAME	ADDRESS	LOCATED IN FLOODPLAIN?
COONEY FERTILIZER INC	1030 26th Rd	N
L & L FARMS	991 33rd Rd	Y

Source: Nebraska Department of Environment and Energy<sup>12</sup>

<sup>12</sup> Nebraska Department of Environment and Energy. "Search Tier II Data." Accessed November 2018. <https://deq-iis.ne.gov/tier2/search.faces>.

### Critical Facilities

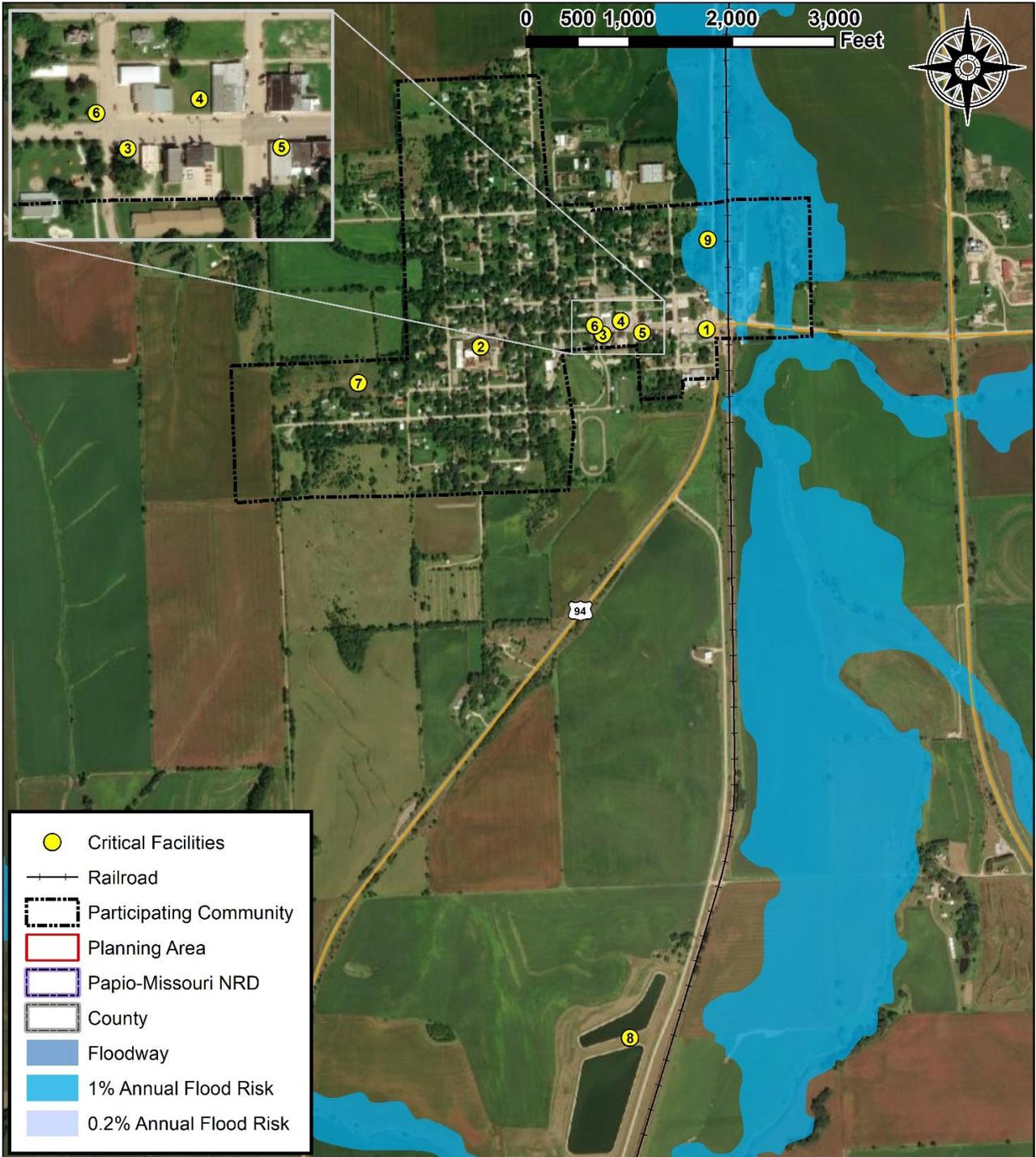
Each participating jurisdiction identified critical facilities vital for disaster response, providing shelter to the public, and essential for returning the jurisdiction's functions to normal during and after a disaster per the FEMA Community Lifelines guidance. Critical facilities were identified during the original planning process and updated by the local planning team as a part of this plan update.

The following table and figure provide a summary of the critical facilities for the jurisdiction.

**Table WLT.4: Critical Facilities**

CF NUMBER	TYPE	NAME	SHORT-TERM SHELTER (Y/N)	GENERATOR (Y/N)	FLOODPLAIN (Y/N)
1	Safety and Security	Walthill Fire Department	Y	Y	N
2	Food, Water, and Shelter	Walthill Elementary, High School and Daycare	N	N	N
3	Safety and Security	Walthill Police Department	N	N	N
4	Food, Water, and Shelter	NNCAP Head Start	N	N	N
5	Food, Water, and Shelter	Walthill Village Office	N	N	N
6	Food, Water, and Shelter	Walthill Pump House	N/A	Y	N
7	Food, Water, and Shelter	Walthill Water Tower	N/A	N	N
8	Food, Water, and Shelter	Walthill Lagoons	N/A	N/A	N
9	Food, Water, and Shelter	Lift Station	N/A	Y	Y
10	Food, Water, and Shelter	Walthill Public Library	Y	N	N

Figure WLT.3: Critical Facilities



- Critical Facilities
- Railroad
- Participating Community
- Planning Area
- Papio-Missouri NRD
- County
- Floodway
- 1% Annual Flood Risk
- 0.2% Annual Flood Risk



Created By: MB  
 Date: 8/20/2020  
 Revised: 11/4/2020  
 Revised By: MW  
 Software: ArcGIS 10.7.1  
 File Name: PapioNRD\_WalthillCF.mxd  
 This map was prepared using information from record drawings supplied by JEO and/or other applicable city, county, federal, or public or private entities. JEO does not guarantee the accuracy of this map or the information used to prepare this map. This is not a scaled plot.

2021 Papio-Missouri River NRD  
 Hazard Mitigation Plan  
**Village of Walthill  
 Critical Facilities**



## Historical Occurrences

See the Thurston County community profile for historical hazard events.

## Hazard Prioritization

For an in-depth discussion regarding area wide hazards, please see Section Four: Risk Assessment. The hazards discussed in detail below were either identified in the previous HMP and determined to still be of top concern or were added by the local planning team based on the identification of hazards of greatest concern, hazard history, and the jurisdiction's capabilities.

### Chemical Transportation

The local planning team identified chemical transportation spills as a concern due to the high volume of chemicals regularly transported along local routes. Nebraska Highway 94 and U.S. Highway 77 have 2,425 and 2,740 vehicles per day, respectively. The Village of Walthill has Burlington Northern Santa Fe railroad lines located at the eastern side of the village. Trains and trucks regularly transport coal and oil, but there are additional unknown chemicals along these routes which may include anhydrous ammonia, fertilizer, fuel, or others. Cooney Fertilizer, located west of town, has chemicals coming in and out of their facility on a regular basis as well. Previous derailments in the early 1970s and 1990s were identified by the local planning team. There are no reported transportation chemical spills reported by PHSMA for the community.

### Flooding

Significant flooding events have happened in the past, including a flash flood in 2000 that caused approximately \$400,000 in damages. Between four and eight inches of rain fell during this event and caused damages to roads, bridges, and culverts in and around Walthill. The local planning team identified that there is poor stormwater drainage throughout the village and the majority of flooding comes from heavy rain events. The March 2019 flood event did cause flooding close to the Omaha Creek. Residential basements experienced water intrusion from the high water levels. The village has identified the need to dredge community ditches, specifically along Ward Avenue.

The Village of Walthill participates in the NFIP and have no repetitive flood loss properties in the village according to NeDNR. Thurston County does have a Flood Insurance Study dated January 6, 2010 which includes Emerson, Omaha Tribe, Pender, Rosalie, Thurston Village, Walthill, Winnebago Village, and Winnebago Tribe. The study identifies principal flood problems as from snowmelt and heavy precipitation. Sudden intense thunderstorms may produce flooding on smaller streams. Middle Creek originates in Dixon County in northeastern Nebraska. The Creek generally flows in a south-southeasterly direction until the confluence with Logan Creek approximately six miles downstream from the Village of Emerson. Unnamed Tributary originates in the high ground approximately 1 mile northeast of the Village of Emerson. Unnamed Tributary flows south-southwest through the central portion of the town along the alignment of the former Chicago and Northwestern Railroad (C&NW). Logan Creek flows in a southeasterly direction along the northwest boundary of Pender's city limits. An Unnamed Tributary meets the creek just north State Highway 16. Low-lying areas of The Village of Pender are subject to periodic flooding caused by the overflow of Logan Creek and its tributary. The FIS notes there are no flood control works on Middle Creek or Unnamed Tributary near Emerson. Other flood protection measures present in the vicinity of the Village of Pender were completed September 9, 1999 by the USACE. This project included levee embankment and flood wall along the west bank of Logan Creek. The levee is located directly north and east of the Village of Pender. The Village of Pender is provided some flood protection from Logan Creek and the Unnamed Tributary by State Highways 9 and 16 roadway embankments. Some flood protection is also provided in the Pender area by the channel straightening project of 1918 on Logan Creek.

### **High Winds and Tornadoes**

High winds and tornadoes were identified as a hazard of top concern for the village. A tornado touched down about one mile north of the village on June 5, 2014. This EF-1 tornado damaged a farm where part of the roof was removed, destroyed out buildings, and uprooted trees. There were no reports of damage within the Village of Walthill. Local concerns regarding this hazard is the potential for significant damages to homes, buildings, and utilities. Past high wind events have resulted in wind damages to homes and buildings. If a future wind or tornado event were to impact the community, the village has no safe room or community options for residents to seek shelter. The Thurston County Emergency Management offers text alerts in the case of an event. Educational outreach activities such as flyers are done to educate residents on the proper response. The village has updated their warning siren in the past five years.

### **Severe Thunderstorms**

Severe thunderstorms are a regular occurrence in Walthill and the rest of the planning area. These storms can include impacts from heavy rain, strong winds, lightning, and hail. The NCEI has recorded seven hail events in Walthill with hail up to 1.75” and thunderstorm wind gusts up to 60 mph. The local planning team reported past events have resulted in minor flooding, tree damage, damages to homes, and power outages. Critical municipal records are protected with surge protectors on electronic devices. None of the power lines within Walthill are buried and thus are more vulnerable to severe thunderstorms. The local planning team indicated there are a number of hazardous trees that need to be removed throughout Walthill. Backup power generation is needed at the Walthill Public School, Walthill Public School Day Care, and Head Start. No critical facilities have weather radios. Critical facilities are fitted with hail resistant building materials. Municipal facilities are insured for hail.

### **Severe Winter Storms**

The local planning team identified severe winter storms as a top hazard of concern. Severe winter storms include blizzards, ice accumulation, extreme cold, heavy snow, and winter storms. A blizzard occurred over the holiday period in 2009, which resulted in many road closures due to over a foot of snow and drifting snow. A severe winter storm on January 31, 2015 brought 7 to 10 inches of snow and winds gusting to 40 mph to the area. The combination of snow and high winds caused blowing and drifting snow on highways, making road clearing difficult. The local concerns regarding this hazard are focused on safety due to residents caught in the storm, extreme low temperatures, and loss of electricity. Past events have not resulted in structural damages to critical facilities but have caused power outages. All power lines in the community are above ground and are susceptible to ice accumulation. A 2008 severe winter storm produced freezing rain accumulations of 1/4 to 1/3 inch. Streets are cleared by municipal workers.

### **Social Media Engagement**

The Papio-Missouri River NRD launched a “Would You Rather” themed social media campaign during the 2021 HMP update to garner local input on hazard priorities, residential capabilities, and action items residents would like to see the community take in the future to reduce potential impacts from hazard events.

The Village of Walthill had no reported respondents in the campaign (based upon general zip code analysis).

## Governance

A community's governance indicates the number of boards or offices that may be available to help implement hazard mitigation actions. Walthill has a number of offices or departments that may be involved in implementing hazard mitigation initiatives. The Village is governed by a five member village board and the following offices.

- Village Clerk
- Police Department
- Fire Department
- Village Planner and Developer
- Village Water and Maintenance
- Property Manager

## Capability Assessment

The capability assessment consisted of a Capability Assessment Survey completed by the jurisdiction and a review of local existing policies, regulations, plans, and the programs. The survey is used to gather information regarding the jurisdiction's planning and regulatory capability; administrative and technical capability; fiscal capability; and educational and outreach capability.

**Table WLT.5: Capability Assessment**

SURVEY COMPONENTS/SUBCOMPONENTS		YES/NO
<b>PLANNING &amp; REGULATORY CAPABILITY</b>	Comprehensive Plan	Yes
	Capital Improvements Plan	No
	Economic Development Plan	Yes
	Emergency Operational Plan	Yes (County)
	Floodplain Management Plan	No
	Storm Water Management Plan	No
	Zoning Ordinance	Yes
	Subdivision Regulation/Ordinance	No
	Floodplain Ordinance	Yes
	Building Codes	Yes
	National Flood Insurance Program	Yes
	Community Rating System	No
Other (if any)	Master Wellness & Recreation Plan; Master Downtown Plan; Public Water System Emergency Plan	
<b>ADMINISTRATIVE &amp; TECHNICAL CAPABILITY</b>	Planning Commission	Yes
	Floodplain Administration	Yes
	GIS Capabilities	No
	Chief Building Official	No
	Civil Engineering	No
	Local Staff Who Can Assess Community's Vulnerability to Hazards	No
	Grant Manager	No

SECTION SEVEN: VILLAGE OF WALTHILL COMMUNITY PROFILE

SURVEY COMPONENTS/SUBCOMPONENTS		YES/NO
	Mutual Aid Agreement	Yes
	Other (if any)	
<b>FISCAL CAPABILITY</b>	Capital Improvement Plan/ 1 & 6 Year plan	Yes
	Applied for grants in the past	No
	Awarded a grant in the past	No
	Authority to Levy Taxes for Specific Purposes such as Mitigation Projects	Yes
	Gas/Electric Service Fees	Yes
	Storm Water Service Fees	No
	Water/Sewer Service Fees	Yes
	Development Impact Fees	No
	General Obligation Revenue or Special Tax Bonds	Yes
	Other (if any)	
	<b>EDUCATION &amp; OUTREACH CAPABILITY</b>	Local citizen groups or non-profit organizations focused on environmental protection, emergency preparedness, access and functional needs populations, etc. Ex. CERT Teams, Red Cross, etc.
Ongoing public education or information program (e.g., responsible water use, fire safety, household preparedness, environmental education)		No
Natural Disaster or Safety related school programs		No
StormReady Certification		No
Firewise Communities Certification		No
Tree Village USA		No
Other (if any)		

OVERALL CAPABILITY	LIMITED/MODERATE/HIGH
<b>FINANCIAL RESOURCES NEED TO IMPLEMENT MITIGATION PROJECTS</b>	Limited
<b>STAFF/EXPERTISE TO IMPLEMENT PROJECTS</b>	Limited
<b>COMMUNITY SUPPORT TO IMPLEMENT PROJECTS</b>	Moderate
<b>TIME TO DEVOTE TO HAZARD MITIGATION</b>	Limited

**Plan Integration**

The Local Emergency Operations Plan (LEOP) for Walthill, which was last updated in 2016 and will be updated again in 2021, is an annex of Thurston County’s LEOP. The plan is an all-hazards plan and provides clear assignment of responsibility in case of an emergency, communication channels and contacts lists, and shelter locations.

The village’s Comprehensive Plan was updated in 2014. The plan discourages development in the floodplain. It notes that some development along major highways where heavy traffic located will be occurring in the future. Additional development is anticipated to the west of the community, which is away from the floodplain.

The village was updated the local codes as of winter 2020 to the 2018 IBC and National Electrical Code. Hazards that are specifically identified in the code book are fire, flooding, storms, wind, earthquakes, and hazardous materials. The zoning ordinances were updated in 2015 and includes an ordinance for the Floodplain Ordinance. The ordinance contains flood fringe and floodway overlay districts that set conditions, as described in the floodplain ordinance, for land use within these districts. The ordinance requires all new construction or substantial improvements of residential structures have the lowest floor elevated to or above one foot above the base flood elevation. Development of residential structures in the floodway are prohibited.

The village’s annual budget is reviewed annually and funds have increased in recent years. Current one large scale project has earmarked funds to provide a business incubator – or a location available to startup businesses.

**Plan Maintenance**

Hazard Mitigation Plans should be living documents and updated regularly to reflect changes in hazard events, priorities, and mitigation actions. These updates are encouraged to occur after every major disaster event, alongside community planning documents (i.e. annual budgets and Capital Improvement Plans), during the fall before the HMA grant cycle begins, and/or prior to other funding opportunity cycles begin including CDBG, Water Sustainability Fund, Revolving State Fund, or other identified funding mechanisms.

The local planning team is responsible for reviewing and updating this community profile as changes occur or after a major event. Specifically, the local planning team will review the plan no less than annually and will include the public in the review and revision process by: holding public meetings, social media outreach, and printing board meeting agenda and minutes in local newspapers.

**Mitigation Strategy**

**Completed Mitigation Actions**

MITIGATION ACTION		ALERT/WARNING SIRENS
DESCRIPTION		Perform an evaluation of existing alert sirens in order to determine sirens which should be replaced or upgraded. Install new sirens where lacking and remote activation.
HAZARD(S)		All hazards
STATUS		The warning siren in the village was updated and has redundant power.

MITIGATION ACTION		PUBLIC EDUCATION AND AWARENESS
DESCRIPTION	Develop an education program to inform residents of risks related to chemical releases. This could include direct outreach to residents living in the immediate vicinity of chemical storage sites or transportation routes.	
HAZARD(S)	Chemical Spills	
STATUS	The village shares notices on local TV channels (boil orders), TCEMA works with the village for additional notices and information through an automated phone system. Other non-emergency information is printed on local bills, shared on the website, and through the Village's Facebook.	

### Continued Mitigation Actions

MITIGATION ACTION		BACK-UP POWER GENERATORS
DESCRIPTION	Provide a portable or stationary source of backup power to redundant power supplies, municipal wells, lift stations and other critical facilities and shelters.	
HAZARD(S)	All hazards	
ESTIMATED COST	\$100,000	
FUNDING	Bonds, CDBG, HMGP	
TIMELINE	5+ years	
PRIORITY	Low	
LEAD AGENCY	Village Planner/Developer	
STATUS	Backup generators are needed at the school, daycare, and head start facilities.	

MITIGATION ACTION		DRAINAGE STUDY/STORMWATER MASTER PLAN
DESCRIPTION	Preliminary drainage studies and assessments can be conducted to identify and prioritize improvements to address site specific localized flooding/drainage issues to reduce or alleviate flooding.	
HAZARD(S)	Flooding, Severe Thunderstorms	
ESTIMATED COST	\$30,000	
FUNDING	General funds	
TIMELINE	2-5 years	
PRIORITY	High	
LEAD AGENCY	Maintenance	
STATUS	This project has not yet been started.	

MITIGATION ACTION		WEATHER RADIOS
DESCRIPTION	Purchase weather radios for critical facilities	
HAZARD(S)	All hazards	
ESTIMATED COST	\$50/radio	
FUNDING	General funds, HMGP, Salvation Army	
TIMELINE	2-5 years	
PRIORITY	Medium	
LEAD AGENCY	Village Clerk	
STATUS	This project has not yet been started.	

**New Mitigation Actions**

MITIGATION ACTION		DRAINAGE DITCHES
<b>DESCRIPTION</b>	Dredge drainage ditches and upgrade culverts in town to improve stormwater drainage.	
<b>HAZARD(S)</b>	Flooding, Severe Thunderstorms	
<b>ESTIMATED COST</b>	TBD	
<b>FUNDING</b>	General Fund	
<b>TIMELINE</b>	2-5 years	
<b>PRIORITY</b>	Medium	
<b>LEAD AGENCY</b>	Grant development done in-house, then project contracted out	
<b>STATUS</b>	The drainage study should be completed before actions can be taken. Problem areas identified include along Ward Avenue from Sawyer to Omaha Creek and along Mattheson Street from Centennial to Oakland.	

MITIGATION ACTION		STORM SHELTERS/SAFE ROOMS
<b>DESCRIPTION</b>	Identify or construct safe rooms and storm shelters in the community to protect residents during extreme events	
<b>HAZARD(S)</b>	Severe Thunderstorms, Severe Winter Storms, High Winds and Tornadoes	
<b>ESTIMATED COST</b>	\$250-\$300/sq ft	
<b>FUNDING</b>	General Fund, HMA	
<b>TIMELINE</b>	5+ years	
<b>PRIORITY</b>	Medium	
<b>LEAD AGENCY</b>	Grant development done in-house, then project contracted out	
<b>STATUS</b>	Significant power outages throughout most of town in November 2020 indicated a specific shelter location is needed in town. Additional structure is needed to provide this service.	

**Removed Mitigation Actions**

MITIGATION ACTION		MAINTAIN GOOD STANDING WITH THE NATIONAL FLOOD INSURANCE PROGRAM
<b>DESCRIPTION</b>	Maintain good standing with National Flood Insurance Program (NFIP) including floodplain management practices/ requirements and regulation enforcements and updates.	
<b>HAZARD(S)</b>	Flooding	
<b>STATUS</b>	While the community will continue to participate in the NFIP, this project can be removed as it is considered an ongoing effort.	