

AGENDA

Meeting: Polk County NHMP Update: Dallas Addendum

Date: 8/16/23

Time: 11:00am – 12:00pm

Location: Teams - [Click here to join the meeting](#)

Meeting Goals:

- To share information that the UO team needs to update jurisdictional addenda, namely:
 - Provide an overview of the NHMP and process
 - To review and update hazard information and vulnerability assessment
 - To review and update action items

I. Welcome and Introductions

- a. Natural Hazard Mitigation Plans (NHMP) Overview

II. Development Information and Community Lifelines

- a. Update planning and development information
- b. Review critical and essential facilities

III. Jurisdiction-Specific Risk Assessment

- a. Review jurisdiction-specific Hazard Vulnerability Assessment (HVA)

IV. Jurisdiction-specific Mitigation Strategy

- a. Update action items
- b. Prioritize action items

V. Overview of Implementation and Maintenance

VI. Next Steps

- a. We will send your jurisdiction's addendum to you for your review and give you two weeks to review the addendum and provide us with any edits
- b. Additional meetings?

Task I:

Please review the tables below and identify any changes that you would like to make to the tables. Let us know if any rows need to be **Updated** or completely **Deleted**. Also take note of any plans, programs, codes, people, or facilities that need to be **Added** to these tables.

Legal and Regulatory Resources Available for Hazard Mitigation:

Boxes **highlighted** are missing links

Regulatory Tool	Name	Effects on Hazard Mitigation
Plans	Emergency Operations Plan (2010?)	Identifies emergency planning, policies, procedures, and response to extraordinary emergency situations associated with natural disasters, technological incidents, and national security emergencies.
	Downtown Commercial Master Plan	Guides development and future growth
	Comprehensive Plan Volume I Comprehensive Plan Volume II	The Dallas Comprehensive Plan includes goals and policies that provide specific direction in making "quasi-judicial" land use decisions; i.e., decisions that require judgment in the application of general policies to specific situations, such as zone changes, annexations, conditional use permits and major variances.
	Transportation System Plan (2008)	The purpose of the TSP is to develop a plan that addresses the transportation issues and needs for all users of Dallas's transportation network over a 20-year planning horizon. The TSP provides for a safe, efficient, multi-modal transportation network.
	Master Sewer Plan	Provides a description and analysis of sewer system and outlines planned improvements.
	Master Water Plan (2009)	Provides a description and analysis of water system and outlines planned improvements.
	Stormwater Master Plan (2016)	Identifies and prioritizes capital improvements relating to the existing stormwater collection and conveyance system.
	Public Facilities Plan	Comp Plan, Chapter 7. To provide a timely, orderly and efficient arrangement of public facilities and services to serve as a framework for community development.
	Rickreall Creek Basin Plan	The City shall continue to participate in a Watershed Council and coordinate with Polk County, the Water Resources Department

		and affected property owners in the development and implementation of the Rickreall Creek Basin Plan.
	Rickreall Watershed Management Strategies Assessment (2013)	Inventories the watershed with the goal of identify and prioritize beneficial uses of the watershed while understand its ecological function and is used to assist with management strategies.
Programs	National Flood Insurance Program (NFIP)	Makes affordable flood insurance available to homeowners, business owners, and renters in participating communities. In exchange, those communities must adopt and enforce minimum floodplain management regulations to reduce the risk of damage from future floods.
	Polk Soil & Water Conservation District	The mission of the Polk/Dallas Field Office Service Area is to promote the conservation, wise use and sustained production of the soil, water and related resources.
Policies (Municipal Codes)	Ash Creek Water Control District	Provides a system of responsibilities and outlines planned improvements.
	City Code (May 2016)	Delineates policies, requirements, and responsibilities.
	Development Code Zoning Map	Guides the City of Dallas's community development
	Dallas Charter	To provide for the government of the city of Dallas, Polk County, Oregon.
	Floodplain Ordinance No. 1670	Guides community development within the known floodplain. Comp Plan, Chapter 6 Sec 6.2.6 and Floodplain Ordinance 1670. The City shall ensure against flood damage to persons and property through the effective implementation of flood plain regulations, consistent with FEMA standards.

Administrative and Technical Resources for Hazard Mitigation:

Boxes **highlighted** need to be confirmed for correct name

Staff/Personnel Resources	Department/Division Position
Planner(s) or engineer(s) with knowledge of land development and land management practices	Com Development Director: Charlie Mithcell Police: Thomas Simpson
Engineer(s) or professional(s) trained in construction practices related to buildings and/or infrastructure	Community Development Director: Charlie Mithcell

Planner(s) or engineer(s) with an understanding of manmade or natural hazards	Senior Planner:
Floodplain manager	Community Development Director: Charlie Mithcell
Personnel skilled in GIS and/or HAZUS-MH	Public Works: Tom Gilson, Frank Anderson
Director of Emergency Services	EMS Chief: Vacant
Finance (grant writers, purchasing)	Finance Director: Cecilia Ward
Public Information Officers	City Manager: Emily Gagner Police: Tom Simpson

Independence Critical Facilities and Infrastructure:

Boxes highlighted need to be confirmed for correct address

Boxes crossed out need to be confirmed if they still exist

Facility Type	Name / Number	Address	Value ¹
Government	Dallas City Hall	187 SE Court	\$3.1 Million
	Dallas Public Works	820 SW Ash	\$1.2 Million
	Dallas Civic Center	945 SE Jefferson Street	In City Hall
	Dallas Public Library	950 Main Street	\$1.2 Million
	Polk County Courthouse	850 Main Street	Unknown
	Polk County Jail	884 SE Jefferson Street	Unknown
	County Maintenance Shop		Unknown
	City of Dallas Animal Shelter	350 Main Street	\$500,000
	Oregon Military Department & National Guard	817 SW Church	
Emergency Response	Dallas Fire Department	915 SE Shelton	\$1.82 Million
	Dallas Police Department	In City Hall	In City Hall
	Dallas Ambulance Service	274 SW Washington	\$469,000
	County Emergency Operations Center	820 SW Ash Street	
Educational	School Administrative Offices	111 SW Ash Street	Unknown
	Dallas High School	1250 SE Holman Ave	Unknown
	LaCreole Middle School	701 SE La Creole	\$12,236,700
	Lyle Elementary School	185 SW Levens Street	District
	Oakdale Heights Elementary School	1375 SW Maple Street	\$6,109,810
Educational	Whitworth Elementary School	1151 SE Miller Avenue	\$7,030,250
	Morrison Campus Alternative School	1251 Main Street	Unknown
	Faith Christian School	1795 SE Miller Avenue	Unknown
	Luckiamute Valley Charter Schools	17475 Bridgeport Road	Unknown
	Chemeketa Community College (satellite campus)	1340 SE Holman Ave	Unknown
Care Facility	West Valley Hospital / Emergency Room	525 SE Washington Street	Unknown
	West Valley Physicians & Surgeons	555 SE Washington Street	Unknown

	Clinic		
	Dallas Family Medicine	641 SE Miller Avenue	Unknown
	Flaming Medical Center	1000 SE Uglow Avenue	Unknown
	Polk County Family Planning	182 SW Academy Street # 302	Unknown
	Sable House (shelter)	289 E Ellendale Avenue # 701	\$ 350,000
	Dallas Senior Center	955 SE Jefferson Street	Unknown
	Dallas Retirement Village-Apartments/Townhouses	310 W. Ellendale Avenue	Unknown
	Dallas Retirement Village-Assisted Living	340 NW Brentwood Avenue	Unknown
	Dallas Retirement Village-Health Center	377 NW Jasper Street	Unknown
	Jefferson Manor Residential Care	664 SE Jefferson Street Dallas, OR 97338	Unknown
	Four Seasons Residential Care Facility	280 SE Uglow St	Unknown
	Ellendale Home	511 E Ellendale Avenue Dallas, OR 97338	Unknown
	Medical Arts Center	200 SE Washington Street	Unknown
	South View Medical Arts	531 SE Clay Street	Unknown
	Valley Community Hospital	550 SE Clay Street	Unknown
Community	Dallas Aquatic Center	1005 SE La Creole Drive	\$ 7.0 Million
	Dallas City Park	266 SW Academy Street	\$ 2.5 Million
	Birch Street Park	601 SW Birch Street	\$ 200,000
	Gala Park	300 SE Uglow Street	\$ 350,000
	Kingsborough Park	101 SW Wyatt Street	\$ 300,000
	Rotary Park	368 NE Fern Avenue	\$150,000
	Polk County Fairgrounds	520 N Pacific Hwy, Rickreall	Unknown
	Hunter Aboretum	631 SW Park Street	\$500,000
	Dallas Cemetery	2065 SW Fairview Avenue	Unknown
	Guthrie Park Community Center	4320 Kings Valley Hwy	Unknown
	Historical Building List		Unknown
	Apostolic Faith Church	217 SW Court Street	\$412,910
	Berean Baptist Church	1156 SE Holman Avenue	Unknown
	Bridgeport Community Church	16930 Bridgeport Road	Unknown
	Christian & Mission Alliance		Unknown
	Church of Dallas	450 SE Washington Street	Unknown
	Church of Christ	691 NE Kings Valley Hwy	\$704,060
Church of Christ of Latter Day Saints	1401 SW 13th Street	\$2,627,440	
Community	Dallas Alliance Church	775 E Ellendale Avenue	Unknown
	Dallas Church of the Nazarene	1151 SE Miller Avenue	Unknown
	Dallas Evangelical Church	783 SW Church Street	\$286,520
	Evangelical Bible Church	1175 SE Howe Street	Unknown
	Faith Evangelical Free Church	2290 E Ellendale Avenue	\$3,043,040
	Falls City First Christian Church	233 S Main St, Falls City	
	First Baptist Church	245 SW Church Street	\$637,050
	First Presbyterian Church	879 SW Levens Street	\$974,100
Grace Community Fellowship	598 E Ellendale Avenue	Unknown	

	Kingdom Hall Jehovah's Witnesses	1961 SE Miller Avenue	Unknown
	Jesus Our Jubilee Ministries	174 SW River Drive	\$444,030
	Living Word Faith Fellowship	830 SE Shelton Street	\$427,800
	Mennonite Brethren Church of Dallas	976 SW Hayter Street	\$813,080
	Salt Creek Baptist Church	15075 Salt Creek Road	Unknown
	Seventh-Day Adventist	589 SW Birch Street	Unknown
	St. Thomas Episcopal Church	1486 SW Levens Street	Unknown
	Trinity Lutheran Church	320 SE Fir Villa Road	\$1,135,270
	United Methodist Church	565 SE Lacreole Drive	\$1,901,570
	Valley Life Center Assembly of God	1795 SE Miller Avenue	Unknown
	Dellbert Hunter Arboretum	63 SW Park Street	\$500,000
	Basket Slough Wildlife Refuge	10995 OR Highway 22	Unknown
	Cross Creek Golf Course	13935 OR Highway 22	Unknown
	Dallas Retirement Village	377 NW Jasper Street	Unknown
	Itemizer Observer Newspaper	147 SE Court Street	Unknown
State and Federal Highways	State Hwy 222, (King's Valley Hwy)	3 miles within city	(3*\$2.2 Million/Mile)= \$6.6M
Railroads	Portland Western RR Company (Industrial use)	5 miles within city	Unknown
Bridges	LaCreole Bridge		\$1.2 Million
	Levens Street Bridge		\$ 1.3 Million
	Godsey Road Bridge		\$ 200,000
	Main Street & Jefferson Br.		\$ 3.0 Million
Transportation Facilities	Local Streets & Roads	54 miles in city	\$1.5 Million/Mile
	Transit Authority (Bus) Cheriote Bus Service-Salem	555 Court St NE #5230, Salem	Unknown
	School Bus Facilities	1501 Main Street	Unknown
Utilities	NW Natural Gas	3087 Broadway NE, Salem	Unknown
	Pacific Power (Electric)	583 SE Jefferson Street	Unknown
	Intake Station		\$ 3.2 Million
	Water Treatment Facility		\$12 Million
	Wastewater Treatment Facility	1070 Bowersville Road	\$15 Million
	Wastewater Distribution System		\$ 32.6 Million
	Peters Fuel Company	1386 SE Uglow Avenue	Unknown
	Home Service Oil Company		Unknown
	Recycle Center	1845 SE Holman Avenue	Unknown
	Lift Stations(2)		\$500,000
	Treated Water Storage (4 sites)		\$ 7.25 Million
	Pacific Power		Unknown
KPIE Radio station/tower		Unknown	
Dams	Mercer Reservoir & Dam	West Rickreall Road	\$25 Million
	Reimer Dam		Unknown
	Morgan Brothers Dam		Unknown

Task 2:

Please review the table below. The Hazard Vulnerability Assessment has been updated to account for new conditions and vulnerabilities. The Extreme Heat (blue) hazard has been added to align with Polk County. Proposed increases are shown in red (more threat), decreases in green (less threat). The top 4 hazard threats remain the same: Winter Storm, Cascadia Earthquake, Drought, Windstorm. Extreme Heat is rated as the next highest threat.

Hazard Vulnerability Assessment -

DALLAS HAZARD ANALYSIS 2023														
HAZARD RISK ASSESSMENT MODEL														
HVA Tool Created September 2011														
Threat Event / Hazard	History			Vulnerability			Maximum Threat			Probability			Total Threat Score	Hazard Rank
	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal		
Drought	3	2	6	4	5	20	8	10	80	4	7	28	134	6
Earthquake - Cascadia	1	2	2	8	5	40	10	10	100	5	7	35	177	3
Earthquake - Crustal	2	2	4	5	5	25	7	10	70	2	7	14	113	7
Extreme Heat Event	8	2	16	5	5	25	5	10	50	10	7	70	161	5
Flood - Riverine	7	2	14	6	5	30	8	10	80	10	7	70	194	1
Landslide	1	2	2	5	5	25	4	10	40	3	7	21	88	8
Volcano	1	2	2	3	5	15	2	10	20	1	7	7	44	10
Wildfire (WUI)	2	2	4	1	5	5	4	10	40	4	7	28	77	9
Windstorm	6	2	12	5	5	25	6	10	60	10	7	70	167	4
Winter Storm	10	2	20	5	5	25	7	10	70	10	7	70	185	2



DALLAS HAZARD ANALYSIS 2016																
HAZARD RISK ASSESSMENT MODEL			History			Vulnerability			Maximum Threat			Probability			Total Threat Score	Hazard Rank
Threat Event / Hazard	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal				
	Natural Hazards	Drought	3	2	6	4	5	20	8	10	80	4	7	28	134	5
Earthquake - Cascadia		1	2	2	8	5	40	10	10	100	3	7	21	163	3	
Earthquake - Crustal		2	2	4	5	5	25	7	10	70	2	7	14	113	6	
Flood - Riverine		7	2	14	6	5	30	8	10	80	10	7	70	194	1	
Landslide		1	2	2	2	5	10	2	10	20	2	7	14	46	8	
Volcano		1	2	2	3	5	15	2	10	20	1	7	7	44	9	
Wildfire (WUI)		2	2	4	1	5	5	4	10	40	2	7	14	63	7	
Windstorm		5	2	10	5	5	25	6	10	60	6	7	42	137	4	
Winter Storm		7	2	14	5	5	25	7	10	70	8	7	56	165	2	

Task 3:

Please review the list of actions below and identify any changes that you would like to make to the actions. Also let us know if the action is **Complete**, **In-Process**, **Deferred**, or if you recommend that it be **Deleted**. Also, take note of any actions/mitigation strategies that you would like to **Add** to the NHMP with this update.

Priority Actions

Multi-Hazard Actions (MH)

- MH #1 Perform hydrologic and hydraulic engineering and drainage studies and analyses. Use information obtained for feasibility determination and project design. This information should be a key component, directly related to a proposed project.
- MH #2 Harden utility headers located along river embankments to mitigate potential flood, debris, and erosion damages.

Earthquake Actions (EQ)

- EQ #1 Evaluate critical public facility seismic performance for fire stations, public works buildings, portable water systems, wastewater systems, electric power systems, and bridges within the jurisdiction.

Flood Actions (FL) - including erosion

- FL #1 Install bank protection such as rock, concrete, asphalt, vegetation, or other armoring or protective materials to provide riverbank protection.
- FL #2 Establish flood mitigation priorities for critical facilities and residential and commercial buildings located within the 100-year floodplain using survey elevation data.

Wildfire Actions (WF)

- WF #1 Participate in the maintenance, implementation, and update of the Polk County Community Wildfire Protection Plan (2009).

Action Item Pool

Multi-Hazard Actions (MH)

- MH #3 Cross reference and incorporate mitigation planning provisions into all community planning processes such as comprehensive, capital improvement, land use, transportation plans, etc. to demonstrate multi-benefit considerations and facilitate using multiple funding source consideration.
- MH #4 Develop, produce, and distribute information materials concerning mitigation, preparedness, and safety procedures for all natural hazards.

Drought Action (DR) - including expansive soils

- DR #1 Require building design, engineering, and construction processes that address expansive soil conditions at potentially affected building sites.
- DR #2 Require road design, engineering, and construction processes that address expansive soil conditions. Water absorption prevention, impermeable membrane, soil compaction, and drainage methods need to be considered once geologic studies determine soil composition.

Earthquake Actions (EQ)

- EQ #2 Inspect, prioritize, and retrofit any critical facility or public infrastructure that does not meet current Building Codes.

Flood Actions (FL) - including erosion

- FL #3 Develop an outreach program to educate public concerning NFIP participation benefits, floodplain development, land use regulation, and NFIP flood insurance availability to facilitate continued compliance with the NFIP.
- FL #4 Develop, implement, and enforce floodplain management ordinances.
- FL #5 Implement mitigation measures identified by critical facilities' owners, and other facility owners, to protect facilities located within the 100-year floodplain.
- FL #6 Increase culvert size to increase its drainage efficiency.

Landslide Actions (LS)

- None identified.

Volcano Actions (VE)

- VE #1 Update emergency response planning and develop client focused outreach program for ash fall events affecting river, air, and highway transportation, and industrial facilities and operations.
- VE #2 Evaluate capability of water treatment plant to deal with high turbidity from ash falls, update emergency response plans, and upgrade treatment facilities' physical plant to deal with ash falls.

Wildfire Action (WF)

- WF #2 Develop, adopt, and enforce burn ordinances that require burn permits, restricts campfires, and controls outdoor burning.
- WF #3 Develop outreach program to educate and encourage fire-safe construction practices for existing and new construction in high-risk areas.
- WF #4 Develop outreach program to educate and encourage home landscape cleanup (defensible space) and define debris disposal programs.

Windstorm Action (WS)

- WS #1 Identify and prioritize critical facilities' overhead utilities that could be placed underground to reduce power disruption from windstorm/ tree blow down damage.

Winter Storm Actions (WT)

- WT #1 Develop and implement programs to coordinate maintenance and mitigation activities to reduce risk to public infrastructure from severe winter storms.
- WT #2 Update or develop, implement, and maintain jurisdictional debris management plans.

- WT #3 Develop and maintain severe winter storm public outreach program defining mitigation activity benefits through educational outreach aimed at households and businesses while targeting special needs populations.