

5.2 RUSH VALLEY CITY

5.2.2 Rush Valley City - Future Development Risk

5.2.3 Rush Valley City - Hazards

1. Earthquake
2. Engineering Problem Soils
3. Erosion
4. Flood
5. Steep Slope

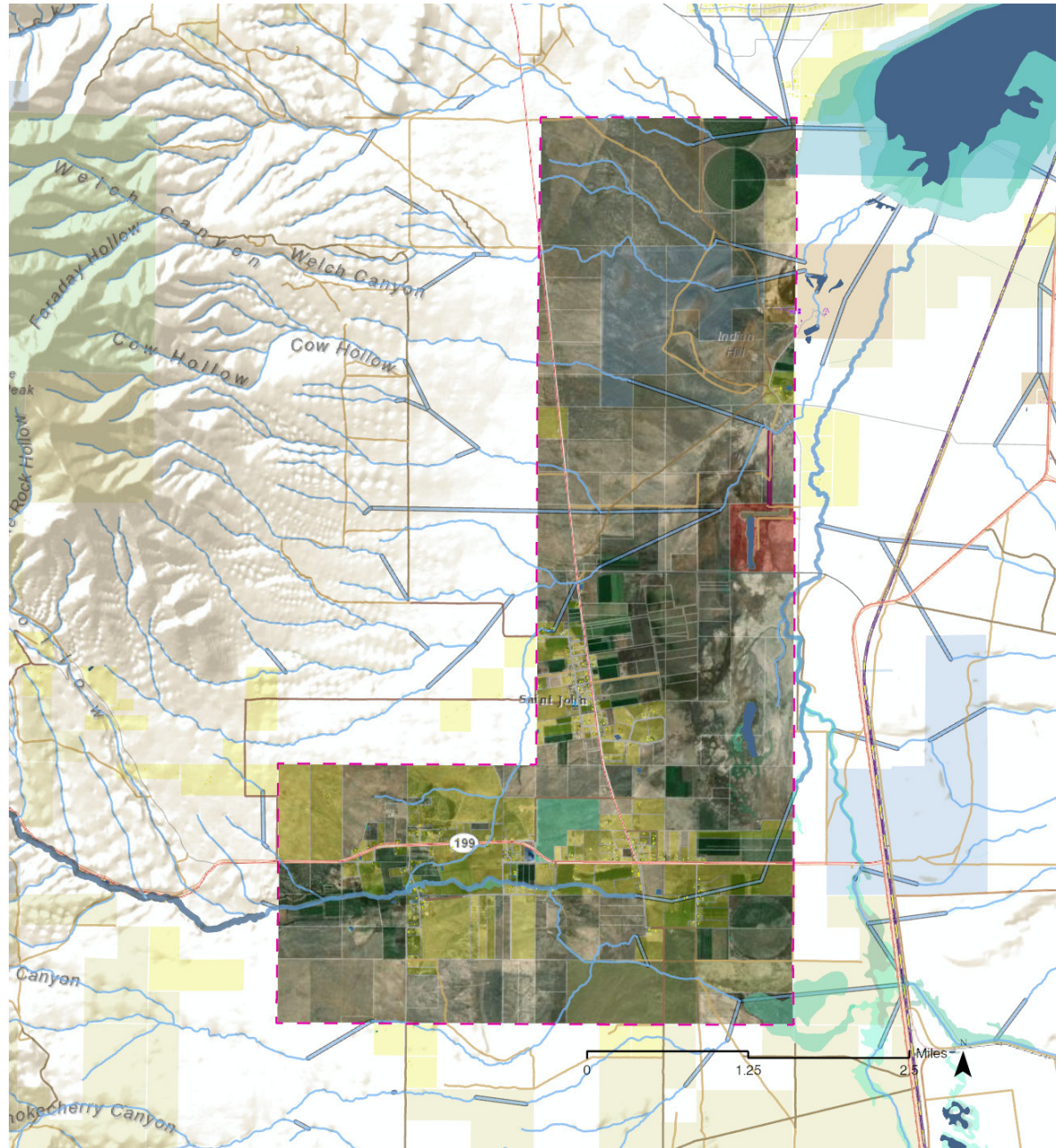
5.2.4 Rush Valley City - Risk Assessment Results

1. Building Footprints - Structures
2. Point Data - Features
3. Parcel Data
4. Line Data
5. Area Data

5.2.5 Rush Valley City - Mitigation Strategies

RISK SUMMARY

- Earthquake
- Engineering Problem Soils
- Erosion
- Flood
- Steep Slope

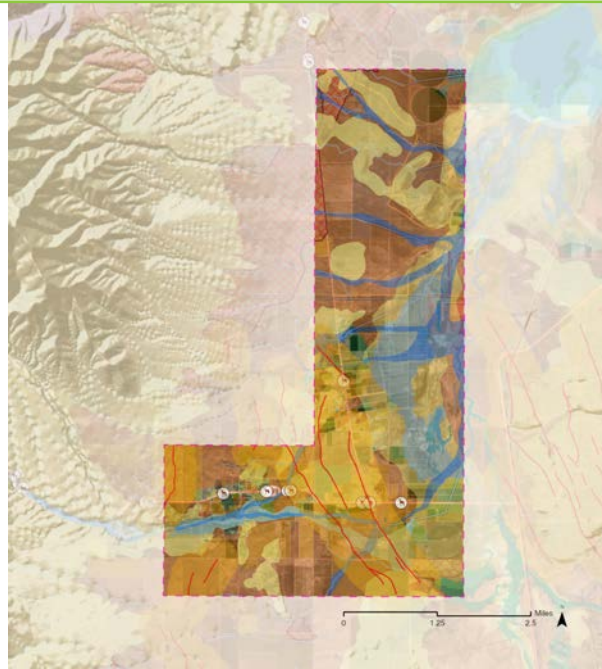


Aerial map of Rush Valley.

5.2.2 RUSH VALLEY CITY - FUTURE DEVELOPMENT RISK

RISK TO FUTURE DEVELOPMENT

Future Residential Development within Rush Valley were reported by community representatives on the north side of Rush Valley between Rush Valley and St. John. Additional growth is expected on the South East side of the town.



HazTYPE / ACRES

Earthquake	2,963
Engineering Problem Soils	5,766
Erosion	2,926
Flood FEMA 100 Year	1,241
Flood Soils	1,404
Flood Wetland & Riparian	235
Wildfire Hazard Potential	10,393
Steep Slope	25

RUSH VALLEY CITY - RISK SUMMARY

<i>Hazard Type</i>	<i>Probability of Occurrence</i>	<i>Population Impact</i>	<i>Property Impact</i>	<i>Economic Impact</i>	<i>Future Development Impact</i>	<i>Overall Risk</i>
Earthquake	Low	High	High	High	Low	Moderate
Engineering Problem Soils	High	Low	High	Moderate	High	Moderate
Erosion	High	Low	High	Moderate	Moderate	Moderate
Flood	High	Moderate	High	High	Moderate	High
Steep Slope	Low	Low	Low	Low	Moderate	Low

5.2.3 RUSH VALLEY CITY - HAZARDS

EARTHQUAKE

2,963 AC

Geologic faults are located in the center of town, and could potentially impact many homes and roads in most of the developed areas of Rush Valley, particularly those in the north end of the valley. Potential losses include 1 church, 1 fire station, around 230 homes, over 19 miles of roads, and 0.1 miles of canals.

ENGINEERING PROBLEM SOILS 5,766 AC

While most of the town is covered by problem soils, modern building codes and engineering practices will protect most structures from damage over time, if integrated into future development. Older structures may be at risk. Potential losses include almost every home, facility, road, and other amenity in the town.

EROSION

2,926 AC

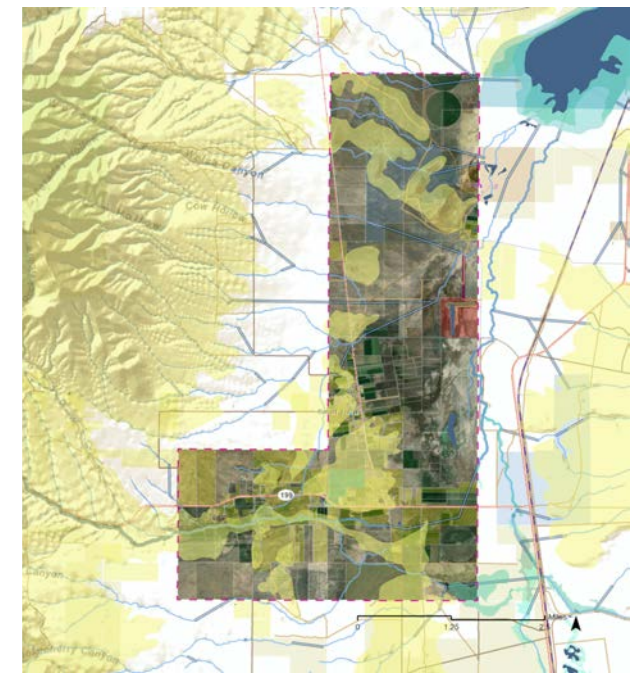
While erosive soils are prevalent in Rush Valley, these particular types of soils will likely only impact trails and natural surface roads. Modern engineering practices and techniques should be used to avoid issues. Potential losses include 1 church, 1 fire station, 1 post office, around 170 homes, the local cemetery, 116 miles of electrical lines, and around 27 miles of roads.



- Quaternary Faults
- 1,500' buffer on Quaternary Faults



- Problem Soils



- Erosive Soils (Roads and Trails)

5.2.3 RUSH VALLEY CITY - HAZARDS

FLOOD_ FEMA 100 YEAR 1,241 AC

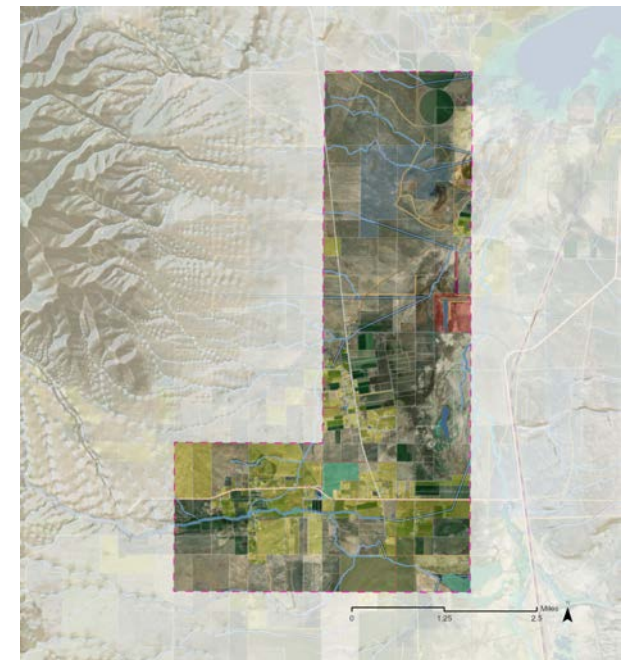
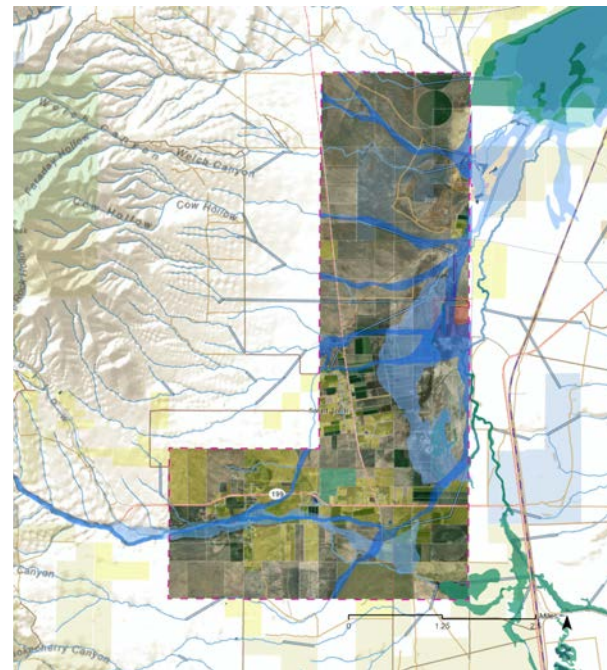
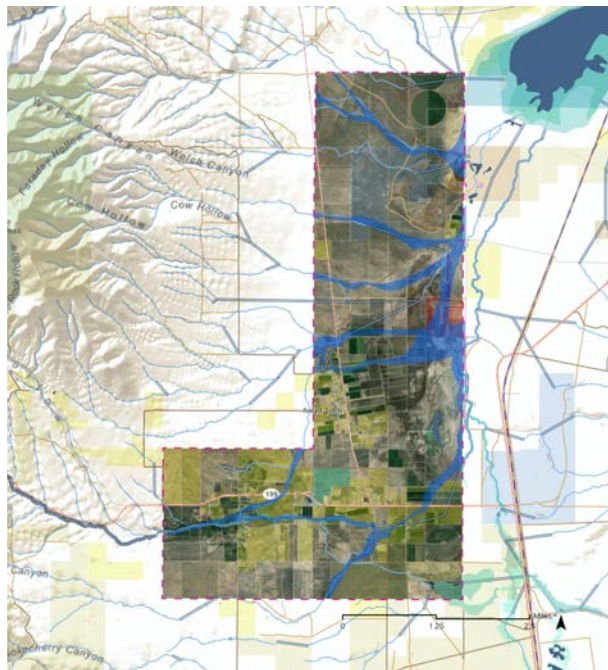
Every little drainage in stream corridor in and around Rush Valley is a potential floodplain and could lead to damage to structures in the future. While currently not many homes are at risk, if these stream channels are built on or modified structurally, damage could ensue. Potential losses include 13 businesses, 19 homes, and around 17 miles of roads.

FLOOD_SOILS 1,404 AC FLOOD_WETLAND & RIPARIAN 235 AC

Every little drainage in stream corridor in and around Rush Valley is a potential floodplain and could lead to damage to structures in the future. While currently not many homes are at risk, if these stream channels are built on or modified structurally, damage could ensue. Low lying areas are also at risk from flood. Potential losses include 28 homes, 2 businesses, around 35 miles of roads, and extensive agricultural fields.

STEEP SLOPE 25 AC

A very small section of land north of town is at risk from steep slopes, though no structures currently exist there.



- Flood_Dam Inundation
- Flood_Great Salt Lake Flooding
- Flood_Valley Bottom
- Flood_Soils
- Flood_FEMA 100 year floodplain
- Flood_Riparian/Wetland

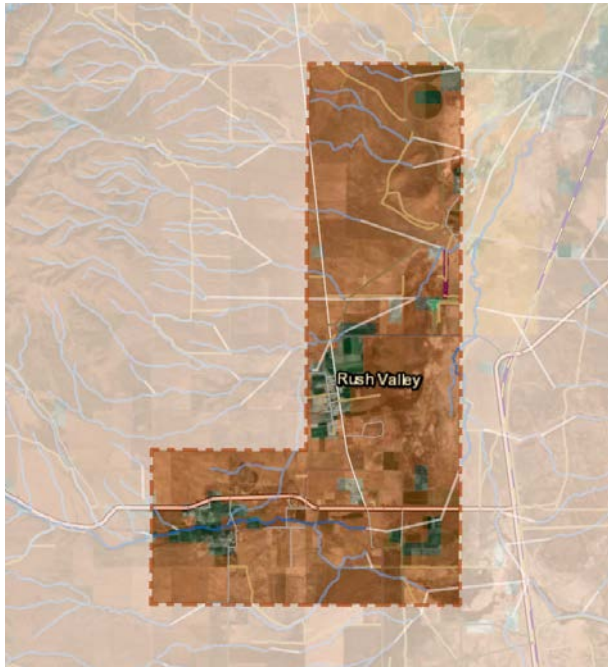
Steep Slopes >30%

5.2.3 RUSH VALLEY CITY - HAZARDS

WILDFIRE

10,393 AC

Most of Rush Valley is at risk from wildfires, particularly the fields and foothills surrounding currently developed areas. Potential losses include 8 businesses, 224 homes, 1 firestation, 2 historic sites, 128 miles of transmission lines, and 9,458 acres of grazing allotment lands.



 Wildfire Hazard

5.2.4.1 RUSH VALLEY CITY - RISK ASSESMENT RESULTS - STRUCTURES

RUSH VALLEY CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
Earthquake	Community Resource	PlaceofWorship	1
Earthquake	Emergency Facility	FireStation	1
Earthquake	Government Facility	LocalGov	2
Earthquake	Government Facility	Post_Office	1
Earthquake	Industrical	Industrial	1
Earthquake	Other	Out	3
Earthquake	Residential	Manufactured	50
Earthquake	Residential	Res_MobileHome	10
Earthquake	Residential	Residential	169
EngineeringPS	Commercial	Commercial	13
EngineeringPS	Community Resource	PlaceofWorship	1
EngineeringPS	Emergency Facility	FireStation	1
EngineeringPS	Government Facility	LocalGov	2
EngineeringPS	Government Facility	Post_Office	1
EngineeringPS	Industrical	Industrial	17
EngineeringPS	Other	Out	3
EngineeringPS	Residential	Manufactured	48
EngineeringPS	Residential	Res_MobileHome	7
EngineeringPS	Residential	Residential	126
Erosion	Community Resource	PlaceofWorship	1
Erosion	Emergency Facility	FireStation	1
Erosion	Government Facility	LocalGov	2
Erosion	Government Facility	Post_Office	1
Erosion	Industrical	Industrial	1
Erosion	Other	Out	2
Erosion	Residential	Manufactured	48
Erosion	Residential	Res_MobileHome	7
Erosion	Residential	Residential	117
FEMA_FloodZone	Commercial	Commercial	13
FEMA_FloodZone	Residential	Res_MobileHome	2
FEMA_FloodZone	Residential	Residential	17

RUSH VALLEY CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
Flood_SoilsPurdue	Residential	Manufactured	2
Flood_SoilsPurdue	Residential	Res_MobileHome	2
Flood_SoilsPurdue	Residential	Residential	24
Flood_Wetland/ Riparian	Commercial	Commercial	2
Flood_Wetland/ Riparian	Residential	Residential	1
Wildfire	Commercial	Commercial	8
Wildfire	Emergency Facility	FireStation	1
Wildfire	Government Facility	LocalGov	2
Wildfire	Industrical	Industrial	4
Wildfire	Other	Out	4
Wildfire	Residential	Manufactured	45
Wildfire	Residential	Res_MobileHome	9
Wildfire	Residential	Residential	170

5.2.4.2 RUSH VALLEY CITY - RISK ASSESMENT RESULTS - FEATURES

RUSH VALLEY CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
Earthquake	Community	Cemetery	1
Earthquake	Community	PlaceofWorship	1
Earthquake	Emergency	FireStation	1
Earthquake	Government	LocalGovFacility	1
Earthquake	Government	PostOffice	1
Earthquake	Other	Tower_ MicrowaveService	2
Earthquake	Recreation	HistoricSites	2
Earthquake	Recreation	Park	1
Earthquake	Water	Well_Log	148
EngineeringPS	Community	Cemetery	1
EngineeringPS	Community	PlaceofWorship	1
EngineeringPS	Emergency	FireStation	1
EngineeringPS	Government	LocalGovFacility	1
EngineeringPS	Government	PostOffice	1
EngineeringPS	Other	Tower_	1
EngineeringPS	Other	Tower_ MicrowaveService	2
EngineeringPS	Recreation	HistoricSites	2
EngineeringPS	Recreation	Park	1
EngineeringPS	Water	Well_Log	124
EngineeringPS	Water	Well_NHD	2
Erosion	Community	Cemetery	1
Erosion	Community	PlaceofWorship	1
Erosion	Emergency	FireStation	1
Erosion	Government	LocalGovFacility	1
Erosion	Government	PostOffice	1
Erosion	Other	Tower_ MicrowaveService	2
Erosion	Recreation	HistoricSites	2
Erosion	Recreation	Park	1
Erosion	Water	Well_Log	109

RUSH VALLEY CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
FEMA_FloodZone	Other	Tower_	1
FEMA_FloodZone	Water	Well_Log	10
FEMA_FloodZone	Water	Well_NHD	1
Flood_SoilsPurdue	Other	Tower_	1
Flood_SoilsPurdue	Water	Well_Log	16
Flood_Wetland/Riparian	Water	Well_Log	2
Wildfire	Community	Cemetery	1
Wildfire	Emergency	FireStation	1
Wildfire	Government	LocalGovFacility	1
Wildfire	Other	Tower_	1
Wildfire	Other	Tower_ MicrowaveService	2
Wildfire	Recreation	HistoricSites	2
Wildfire	Recreation	Park	1
Wildfire	Water	Well_Log	169
Wildfire	Water	Well_NHD	3

5.2.4.3 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I PARCEL DATA

RUSH VALLEY CITY - RISK ASSESSMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
AvalanchTerrain	None	None	1	160.0	\$320,000
Earthquake	BLM	BLM	3	-	\$-
Earthquake	Community_Resources	PlaceofWorship	1	1.5	\$-
Earthquake	EmergencyServices	Fire_Station	1	107.7	\$215,460
Earthquake	LocalGovernment	Local_Gov_Fac	1	5.4	\$-
Earthquake	LocalGovernment	Post_Office	1	0.3	\$28,498
Earthquake	None	None	103	2,706.9	\$3,940,898
Earthquake	Other	Manufacture_Industry	1	1.8	\$81,622
Earthquake	Residential	Res_Munufacture_Mobile_Hookups	37	228.3	\$5,020,676
Earthquake	Residential	Residential	122	1,275.3	\$15,165,599
EngineeringPS	BLM	BLM	5	-	\$-
EngineeringPS	Commercial	Commercial	1	160.0	\$234,946
EngineeringPS	Community_Resources	Cemetery	1	1.1	\$-
EngineeringPS	Community_Resources	PlaceofWorship	1	1.5	\$-
EngineeringPS	EmergencyServices	Fire_Station	1	107.7	\$215,460
EngineeringPS	LocalGovernment	Local_Gov_Fac	1	5.4	\$-
EngineeringPS	LocalGovernment	Post_Office	1	0.3	\$28,498
EngineeringPS	None	None	171	6,237.7	\$7,876,161
EngineeringPS	Other	Manufacture_Industry	3	141.8	\$321,622
EngineeringPS	Residential	Res_Munufacture_Mobile_Hookups	38	268.2	\$5,443,619
EngineeringPS	Residential	Residential	121	1,457.4	\$17,479,233

5.2.4.3 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I PARCEL DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
EngineeringPS	SITLA	SITLA	2	-	\$-
Erosion	BLM	BLM	3	-	\$-
Erosion	Community_Resources	Cemetery	1	1.1	\$-
Erosion	Community_Resources	PlaceofWorship	1	1.5	\$-
Erosion	EmergencyServices	Fire_Station	1	107.7	\$215,460
Erosion	LocalGovernment	Local_Gov_Fac	1	5.4	\$-
Erosion	LocalGovernment	Post_Office	1	0.3	\$28,498
Erosion	None	None	102	3,903.7	\$5,417,411
Erosion	Other	Manufacture_Industry	1	1.8	\$81,622
Erosion	Residential	Res_Munufacture_Mobile_Hookups	37	258.2	\$5,328,556
Erosion	Residential	Residential	117	1,292.5	\$16,412,044
Erosion	SITLA	SITLA	2	-	\$-
FEMA_FloodZone	BLM	BLM	2	-	\$-
FEMA_FloodZone	Commercial	Commercial	1	160.0	\$234,946
FEMA_FloodZone	None	None	86	3,489.0	\$4,015,151
FEMA_FloodZone	Other	Manufacture_Industry	1	40.0	\$40,000
FEMA_FloodZone	Residential	Res_Munufacture_Mobile_Hookups	1	4.4	\$73,536
FEMA_FloodZone	Residential	Residential	35	950.0	\$6,430,438
FEMA_FloodZone	SITLA	SITLA	3	-	\$-
Flood_SoilsPurdue	BLM	BLM	2	-	\$-
Flood_SoilsPurdue	Commercial	Commercial	1	160.0	\$234,946

5.2.4.3 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I PARCEL DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
Flood_SoilsPurdue	Community_Resources	Cemetery	1	1.1	\$-
Flood_SoilsPurdue	None	None	81	2,586.7	\$3,346,680
Flood_SoilsPurdue	Other	Manufacture_Industry	1	40.0	\$40,000
Flood_SoilsPurdue	Residential	Res_Munufacture_Mobile_Hookups	4	84.4	\$589,869
Flood_SoilsPurdue	Residential	Residential	29	422.8	\$5,491,720
Flood_Wetland_Riparian	BLM	BLM	3	-	\$-
Flood_Wetland_Riparian	Commercial	Commercial	1	160.0	\$234,946
Flood_Wetland_Riparian	None	None	80	5,123.2	\$6,121,929
Flood_Wetland_Riparian	Other	Manufacture_Industry	1	40.0	\$40,000
Flood_Wetland_Riparian	Residential	Res_Munufacture_Mobile_Hookups	3	19.4	\$278,182
Flood_Wetland_Riparian	Residential	Residential	27	830.6	\$4,766,375
Flood_Wetland_Riparian	SITLA	SITLA	3	-	\$-
RMRS_WildFireHP_2020	BLM	BLM	5	-	\$-
RMRS_WildFireHP_2020	Commercial	Commercial	1	160.0	\$234,946
RMRS_WildFireHP_2020	Community_Resources	Cemetery	1	1.1	\$-
RMRS_WildFireHP_2020	EmergencyServices	Fire_Station	1	107.7	\$215,460
RMRS_WildFireHP_2020	LocalGovernment	Local_Gov_Fac	1	5.4	\$-
RMRS_WildFireHP_2020	None	None	199	8,332.1	\$10,233,084
RMRS_WildFireHP_2020	Other	Manufacture_Industry	3	141.8	\$321,622
RMRS_WildFireHP_2020	Residential	Res_Munufacture_Mobile_Hookups	41	295.6	\$5,772,283

5.2.4.3 RUSH VALLEY CITY | RISK ASSESMENT RESULTS | PARCEL DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
RMRS_WildFireHP_2020	Residential	Residential	123	1,799.5	\$19,003,876
RMRS_WildFireHP_2020	SITLA	SITLA	3	-	\$-
SteepSlope	None	None	3	261.8	\$461,750
SteepSlope	SITLA	SITLA	1	-	\$-

5.2.4.4 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I LINE DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
Earthquake	Natural	StreamRiver_Ephemeral	13	11.5
Earthquake	Natural	StreamRiver_Intermittent	3	2.4
Earthquake	Transportation	Road	6	1.4
Earthquake	Transportation	Road_A	9	2.7
Earthquake	Transportation	Road_B	13	4.2
Earthquake	Transportation	Road_C	45	9.0
Earthquake	Transportation	Road_D	5	2.7
Earthquake	Transportation	Road_P	1	0.1
Earthquake	Water	Canal_ArtificialPath	2	0.1
Earthquake	Water	Connector	6	4.6
EngineeringPS	Energy	ElectricPowerTransmissionLine	3	116.4
EngineeringPS	Natural	StreamRiver_Ephemeral	11	11.9
EngineeringPS	Natural	StreamRiver_Intermittent	4	3.1
EngineeringPS	Transportation	Road	14	5.6
EngineeringPS	Transportation	Road_A	8	2.8
EngineeringPS	Transportation	Road_B	16	9.6
EngineeringPS	Transportation	Road_C	54	12.7
EngineeringPS	Transportation	Road_D	13	9.8
EngineeringPS	Transportation	Road_P	1	0.1
EngineeringPS	Transportation	Road_X	1	0.3
EngineeringPS	Water	Canal_ArtificialPath	1	0.0

5.2.4.4 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I LINE DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
EngineeringPS	Water	Connector	11	8.6
Erosion	Energy	ElectricPowerTransmissionLine	3	116.4
Erosion	Natural	StreamRiver_Ephemeral	9	10.3
Erosion	Natural	StreamRiver_Intermittent	4	3.1
Erosion	Transportation	Road	10	3.6
Erosion	Transportation	Road_A	7	2.0
Erosion	Transportation	Road_B	9	4.7
Erosion	Transportation	Road_C	52	12.5
Erosion	Transportation	Road_D	9	6.5
Erosion	Transportation	Road_P	1	0.1
Erosion	Water	Canal_ArtificialPath	1	0.0
Erosion	Water	Connector	5	2.9
FEMA_FloodZone	Energy	ElectricPowerTransmissionLine	3	116.4
FEMA_FloodZone	Natural	StreamRiver_Ephemeral	19	18.7
FEMA_FloodZone	Natural	StreamRiver_Intermittent	6	4.3
FEMA_FloodZone	Transportation	Road	6	2.5
FEMA_FloodZone	Transportation	Road_A	2	1.5
FEMA_FloodZone	Transportation	Road_B	9	6.7
FEMA_FloodZone	Transportation	Road_C	5	2.9
FEMA_FloodZone	Transportation	Road_D	3	3.7

5.2.4.4 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I LINE DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
FEMA_FloodZone	Transportation	Road_X	3	0.6
FEMA_FloodZone	Water	Connector	7	6.0
Flood_SoilsPurdue	Energy	ElectricPowerTransmissionLine	2	102.3
Flood_SoilsPurdue	Natural	StreamRiver_Ephemeral	5	4.0
Flood_SoilsPurdue	Natural	StreamRiver_Intermittent	4	3.1
Flood_SoilsPurdue	Transportation	Road	1	0.2
Flood_SoilsPurdue	Transportation	Road_B	1	1.7
Flood_SoilsPurdue	Transportation	Road_C	11	3.3
Flood_SoilsPurdue	Transportation	Road_D	2	1.1
Flood_SoilsPurdue	Water	Connector	6	4.8
Flood_Wetland_Riparian	Energy	ElectricPowerTransmissionLine	3	116.4
Flood_Wetland_Riparian	Natural	StreamRiver_Ephemeral	24	24.1
Flood_Wetland_Riparian	Natural	StreamRiver_Intermittent	6	4.3
Flood_Wetland_Riparian	Transportation	Road	2	1.2
Flood_Wetland_Riparian	Transportation	Road_A	3	1.5
Flood_Wetland_Riparian	Transportation	Road_B	6	6.2
Flood_Wetland_Riparian	Transportation	Road_C	8	4.0
Flood_Wetland_Riparian	Transportation	Road_D	5	3.6
Flood_Wetland_Riparian	Water	Canal_ArtificialPath	2	0.1
Flood_Wetland_Riparian	Water	Connector	18	13.6

5.2.4.4 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I LINE DATA

RUSH VALLEY CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
RMRS_WildFireHP_2020	Energy	ElectricPowerTransmissionLine	4	128.6
RMRS_WildFireHP_2020	Natural	StreamRiver_Ephemeral	24	24.1
RMRS_WildFireHP_2020	Natural	StreamRiver_Intermittent	6	4.3
RMRS_WildFireHP_2020	Transportation	Road	18	6.5
RMRS_WildFireHP_2020	Transportation	Road_A	12	4.1
RMRS_WildFireHP_2020	Transportation	Road_B	20	11.8
RMRS_WildFireHP_2020	Transportation	Road_C	47	12.1
RMRS_WildFireHP_2020	Transportation	Road_D	15	9.9
RMRS_WildFireHP_2020	Transportation	Road_P	1	0.1
RMRS_WildFireHP_2020	Transportation	Road_X	3	0.6
RMRS_WildFireHP_2020	Water	Canal_ArtificialPath	1	0.0
RMRS_WildFireHP_2020	Water	Connector	15	11.8

5.2.4.5 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I AREA DATA

GRANTSVILLE CITY - RISK ASSESSMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
AvalanchTerrain	Agricultural	GrazingAllotment	1	4,919.7
Earthquake	Agricultural	Agriculture_Parcel	101	1,688.7
Earthquake	Agricultural	AgricultureWRLA_DryCrop	32	549.0
Earthquake	Agricultural	AgricultureWRLA_Food	14	101.1
Earthquake	Agricultural	AgricultureWRLU_Sprinkler	73	649.1
Earthquake	Agricultural	AgricultureWRLU_SubIrrigated	1	1.5
Earthquake	Agricultural	GrazingAllotment	5	7,954.0
Earthquake	Natural	LakePond_Intermittent	8	4.5
Earthquake	Natural	Riparian	1	47.0
Earthquake	Natural	Wetland	30	38.0
Earthquake	Water	RetailCulinaryWaterServiceArea	1	1.6
Earthquake	Water	TransientNCZone_2	1	22.0
Earthquake	Water	TransientNCZone_4	1	712.3
EngineeringPS	Agricultural	Agriculture_Parcel	159	3,753.6
EngineeringPS	Agricultural	AgricultureWRLA_DryCrop	51	1,043.2
EngineeringPS	Agricultural	AgricultureWRLA_Food	30	718.7
EngineeringPS	Agricultural	AgricultureWRLU_Sprinkler	98	1,245.3
EngineeringPS	Agricultural	AgricultureWRLU_SubIrrigated	9	231.3
EngineeringPS	Agricultural	GrazingAllotment	7	9,458.8
EngineeringPS	Natural	LakePond_Intermittent	12	24.2
EngineeringPS	Natural	LakePond_Perennial	2	12.2

5.2.4.5 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I AREA DATA

GRANTSVILLE CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
EngineeringPS	Natural	Riparian	5	66.1
EngineeringPS	Natural	Wetland	49	154.9
EngineeringPS	Water	RetailCulinaryWaterServiceArea	2	77.3
EngineeringPS	Water	TransientNCZone_2	1	22.0
EngineeringPS	Water	TransientNCZone_4	1	712.3
Erosion	Agricultural	Agriculture_Parcel	94	2,182.2
Erosion	Agricultural	AgricultureWRLA_DryCrop	36	787.4
Erosion	Agricultural	AgricultureWRLA_Food	11	22.2
Erosion	Agricultural	AgricultureWRLU_Sprinkler	63	603.3
Erosion	Agricultural	AgricultureWRLU_SubIrrigated	6	48.1
Erosion	Agricultural	GrazingAllotment	7	9,458.8
Erosion	Natural	LakePond_Intermittent	11	4.7
Erosion	Natural	Riparian	4	19.0
Erosion	Natural	Wetland	27	37.0
Erosion	Water	RetailCulinaryWaterServiceArea	1	1.6
Erosion	Water	TransientNCZone_2	1	22.0
Erosion	Water	TransientNCZone_4	1	712.3
FEMA_FloodZone	Agricultural	Agriculture_Parcel	77	2,119.7
FEMA_FloodZone	Agricultural	AgricultureWRLA_DryCrop	23	679.0
FEMA_FloodZone	Agricultural	AgricultureWRLA_Food	14	481.1

5.2.4.5 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I AREA DATA

GRANTSVILLE CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
FEMA_FloodZone	Agricultural	AgricultureWRLU_Sprinkler	47	510.2
FEMA_FloodZone	Agricultural	AgricultureWRLU_SubIrrigated	8	229.8
FEMA_FloodZone	Agricultural	GrazingAllotment	4	9,073.3
FEMA_FloodZone	Natural	LakePond_Intermittent	3	1.3
FEMA_FloodZone	Natural	LakePond_Perennial	2	12.2
FEMA_FloodZone	Natural	Riparian	4	19.0
FEMA_FloodZone	Natural	Wetland	41	96.5
FEMA_FloodZone	Water	RetailCulinaryWaterServiceArea	1	75.7
FEMA_FloodZone	Water	TransientNCZone_4	1	712.3
Flood_SoilsPurdue	Agricultural	Agriculture_Parcel	83	1,738.2
Flood_SoilsPurdue	Agricultural	AgricultureWRLA_DryCrop	14	311.5
Flood_SoilsPurdue	Agricultural	AgricultureWRLA_Food	15	666.8
Flood_SoilsPurdue	Agricultural	AgricultureWRLU_Sprinkler	41	473.2
Flood_SoilsPurdue	Agricultural	AgricultureWRLU_SubIrrigated	8	229.8
Flood_SoilsPurdue	Agricultural	GrazingAllotment	4	7,948.3
Flood_SoilsPurdue	Natural	LakePond_Intermittent	7	21.2
Flood_SoilsPurdue	Natural	LakePond_Perennial	1	11.2
Flood_SoilsPurdue	Natural	Riparian	4	19.0
Flood_SoilsPurdue	Natural	Wetland	33	132.1
Flood_SoilsPurdue	Water	RetailCulinaryWaterServiceArea	1	75.7

5.2.4.5 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I AREA DATA

GRANTSVILLE CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA

HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
Flood_SoilsPurdue	Water	TransientNCZone_4	1	712.3
Flood_Wetland_Riparian	Agricultural	Agriculture_Parcel	61	2,369.8
Flood_Wetland_Riparian	Agricultural	AgricultureWRLA_DryCrop	24	805.2
Flood_Wetland_Riparian	Agricultural	AgricultureWRLA_Food	12	451.2
Flood_Wetland_Riparian	Agricultural	AgricultureWRLU_Sprinkler	35	508.3
Flood_Wetland_Riparian	Agricultural	AgricultureWRLU_SubIrrigated	8	222.1
Flood_Wetland_Riparian	Agricultural	GrazingAllotment	6	9,450.6
Flood_Wetland_Riparian	Natural	LakePond_Intermittent	15	25.5
Flood_Wetland_Riparian	Natural	LakePond_Perennial	1	11.2
Flood_Wetland_Riparian	Natural	Riparian	5	66.1
Flood_Wetland_Riparian	Natural	Wetland	69	172.2
Flood_Wetland_Riparian	Water	RetailCulinaryWaterServiceArea	2	84.9
Flood_Wetland_Riparian	Water	TransientNCZone_4	1	712.3
RMRS_WildFireHP_2020	Agricultural	Agriculture_Parcel	168	4,066.9
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLA_DryCrop	73	1,357.1
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLA_Food	33	754.6
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLU_Sprinkler	105	1,486.3
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLU_SubIrrigated	7	213.4
RMRS_WildFireHP_2020	Agricultural	GrazingAllotment	7	9,458.8
RMRS_WildFireHP_2020	Natural	LakePond_Intermittent	13	25.4

5.2.4.5 RUSH VALLEY CITY I RISK ASSESMENT RESULTS I AREA DATA

GRANTSVILLE CITY - RISK ASSESSMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
RMRS_WildFireHP_2020	Natural	LakePond_Perennial	2	12.2
RMRS_WildFireHP_2020	Natural	Riparian	5	66.1
RMRS_WildFireHP_2020	Natural	Wetland	63	169.8
RMRS_WildFireHP_2020	Water	RetailCulinaryWaterServiceArea	2	84.9
RMRS_WildFireHP_2020	Water	TransientNCZone_4	1	712.3
SteepSlope	Agricultural	GrazingAllotment	3	7,134.0

5.2.4 RUSH VALLEY CITY - MITIGATION STRATEGIES

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Conduct training with backcountry winter outdoor users	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Develop an avalanche codes or regulations prohibiting or limiting structures in known avalanche zones	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Develop an avalanche warning system	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Increase knowledge for city and county emergency managers	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Install fencing to support structures arranged to retain snow	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Plant trees and other vegetation to reduce impact of avalanches	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Purchase avalanche risk area lands or require buffers when developing infrastructure such as roads or buildings	NFIP compliant?	N/A
AVALANCHE - CURRENT RESIDENTS/PROPERTY	Retrofit critical facilities and infrastructure to withstand avalanches such as reinforced concrete walls	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Conduct training with backcountry winter outdoor users	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Develop an avalanche codes or regulations prohibiting or limiting structures in known avalanche zones	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Develop an avalanche warning system	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Increase knowledge for city and county emergency managers	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Install fencing to support structures arranged to retain snow	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Plant trees and other vegetation to reduce impact of avalanches	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Purchase avalanche risk area lands or require buffers when developing infrastructure such as roads or buildings	NFIP compliant?	N/A
AVALANCHE - FUTURE RESIDENTS/PROPERTY	Retrofit critical facilities and infrastructure to withstand avalanches such as reinforced concrete walls	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Develop ordinances to prohibit or limit critical facilities and/or structures in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Ensure new critical facilities and infrastructure are not built in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Identify areas of encroachment below high hazard dams especially in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Promote National Dam Safety Awareness Day	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Relocate government-owned facilities located near high risk dam failures	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to bring deficient high hazard dams up to current industry standards	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to install a dam monitoring system	NFIP compliant?	N/A
DAM FAILURE - CURRENT RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to update dam emergency action plans	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Develop ordinances to prohibit or limit critical facilities and/or structures in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Ensure new critical facilities and infrastructure are not built in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Identify areas of encroachment below high hazard dams especially in dam inundation areas	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Promote National Dam Safety Awareness Day	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Relocate government-owned facilities located near high risk dam failures	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to bring deficient high hazard dams up to current industry standards	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to install a dam monitoring system	NFIP compliant?	N/A
DAM FAILURE - FUTURE RESIDENTS/PROPERTY	Work with the Utah Division of Water Rights and dam companies to update dam emergency action plans	NFIP compliant?	N/A
		Pot. Funding Sources	Local

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
DROUGHT - CURRENT RESIDENTS/PROPERTY	Designate and or preserve adequate source water protection zones or groundwater recharge areas	Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2023
DROUGHT - CURRENT RESIDENTS/PROPERTY	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments")	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
DROUGHT - CURRENT RESIDENTS/PROPERTY	Educate Residents on Water Saving Techniques (list event details in "comments")	Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
DROUGHT - CURRENT RESIDENTS/PROPERTY	Educate the Agriculture Sector on Soil and Water Saving Practices (list event details in "comments")	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
DROUGHT - CURRENT RESIDENTS/PROPERTY	Enforce codes ordinances statues and laws that promote drought resiliency and water conservation practices	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
		Priority	High
		NFIP compliant?	Helps reduce risk
DROUGHT - CURRENT RESIDENTS/PROPERTY	Expand and Improve Existing Potable Water Systems	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		Pot. Funding Sources	Local

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
DROUGHT - CURRENT RESIDENTS/PROPERTY	Improve Public Water Infrastructure and Management with Water Provider	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
DROUGHT - CURRENT RESIDENTS/PROPERTY	Monitor Water Supply for leaks system failures inefficiencies etc. via monitoring system and audits	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
DROUGHT - CURRENT RESIDENTS/PROPERTY	Plan and Prepare for Drought via emergency planning and warning systems	Timeframe	2022
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
DROUGHT - CURRENT RESIDENTS/PROPERTY	Retrofit Water Supply Systems to handle current and new growth	Timeframe	2025
DROUGHT - CURRENT RESIDENTS/PROPERTY	Update and adopt drought ordinances	NFIP compliant?	N/A
		Pot. Funding Sources	State UGS
		Responsible Entity	State
		Priority	High
		NFIP compliant?	Helps reduce risk
		Estimated Cost	\$25 K - \$50 K
DROUGHT - FUTURE RESIDENTS/PROPERTY	Designate and or preserve adequate source water protection zones or groundwater recharge areas	Timeframe	2023
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
DROUGHT - FUTURE RESIDENTS/PROPERTY	Educate Decision Makers and Government Employees on Water Saving Techniques (list event details in "comments")	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
DROUGHT - FUTURE RESIDENTS/PROPERTY	Educate Residents on Water Saving Techniques (list event details in "comments")	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
DROUGHT - FUTURE RESIDENTS/PROPERTY	Educate the Agriculture Sector on Soil and Water Saving Practices (list event details in "comments")	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
DROUGHT - FUTURE RESIDENTS/PROPERTY	Enforce codes ordinances statues and laws that promote drought resiliency and water conservation practices	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
DROUGHT - FUTURE RESIDENTS/PROPERTY	Expand and Improve Existing Potable Water Systems	Pot. Funding Sources	State UGS
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$100 K - \$250 K
		Timeframe	2023
DROUGHT - FUTURE RESIDENTS/PROPERTY	Improve Public Water Infrastructure and Management with Water Provider	NFIP compliant?	N/A
DROUGHT - FUTURE RESIDENTS/PROPERTY	Monitor Water Supply for leaks system failures inefficiencies etc. via monitoring system and audits	NFIP compliant?	N/A
		Priority	High

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
DROUGHT - FUTURE RESIDENTS/PROPERTY	Plan and Prepare for Drought via emergency planning and warning systems	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
DROUGHT - FUTURE RESIDENTS/PROPERTY	Retrofit Water Supply Systems to handle current and new growth	NFIP compliant?	N/A
DROUGHT - FUTURE RESIDENTS/PROPERTY	Update and adopt drought ordinances	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Building Code Adoption and Enforcement	Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Conduct Building Safety Inspections	Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Conduct Outreach to Builders Architects Engineers and Inspectors	Estimated Cost	\$25 K - \$50 K
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Develop and/or review or adopt model earthquake hazard ordinance	Timeframe	2022
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Establish a "green infrastructure" program to link manage and expand existing parks preserves greenways etc	NFIP compliant?	N/A
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Increase Awareness and Education of Earthquakes through an educational event	NFIP compliant?	N/A
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY		Estimated Cost	\$0 - \$25 K
		Timeframe	2022

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Local Planning such as critical facilities planning financial incentives creating a safety committee emergency planning etc	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Retrofit Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in "comments" section)	Pot. Funding Sources	USGS
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Building Code Adoption and Enforcement	Timeframe	2023
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Conduct Building Safety Inspections	Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Conduct Outreach to Builders Architects Engineers and Inspectors	Timeframe	2022
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Develop and/or review or adopt model earthquake hazard ordinance	NFIP compliant?	N/A
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Establish a "green infrastructure" program to link manage and expand existing parks preserves greenways etc	NFIP compliant?	N/A
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Increase Awareness and Education of Earthquakes through an educational event	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Local Planning such as critical facilities planning financial incentives creating a safety committee emergency planning etc	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
EARTHQUAKE - FUTURE RESIDENTS/PROPERTY	Retrofit Critical Facilities and Infrastructure to Withstand Earthquakes (list specifics in "comments" section)	NFIP compliant?	N/A
FLOOD - CURRENT RESIDENTS/PROPERTY	Adopt and Enforce Building Codes and Development Standards	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
FLOOD - CURRENT RESIDENTS/PROPERTY	Conduct Regular Maintenance for Drainage Systems and Flood Control Structures	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
FLOOD - CURRENT RESIDENTS/PROPERTY	Coordination and Partnerships i.e. develop stormwater committee regional watershed council local councils etc	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2023
FLOOD - CURRENT RESIDENTS/PROPERTY	Elevate or Retrofit Facilities and Infrastructure	NFIP compliant?	N/A
FLOOD - CURRENT RESIDENTS/PROPERTY	Floodproof At-Risk Residential and Non-Residential Structures	Pot. Funding Sources	USGS
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$50 K - \$100 K
		Timeframe	2025
		Pot. Funding Sources	Local

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
FLOOD - CURRENT RESIDENTS/PROPERTY	Improve Stormwater Drainage Capacity	Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
FLOOD - CURRENT RESIDENTS/PROPERTY	Information and educational events (list details in "comments" section)	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
FLOOD - CURRENT RESIDENTS/PROPERTY	Other local planning mechanisms such as joining the NFIP creating risk plans establishing green infrastructure plan etc	Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
FLOOD - CURRENT RESIDENTS/PROPERTY	Preserve Floodplains and Open Space through ordinances land purchase conservation easements etc	Timeframe	2023
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
FLOOD - CURRENT RESIDENTS/PROPERTY	Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
FLOOD - CURRENT RESIDENTS/PROPERTY	Protect Infrastructure such as roads bridges wastewater treatment etc	Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
		Pot. Funding Sources	County
		NFIP compliant?	Helps reduce risk

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
FLOOD - CURRENT RESIDENTS/PROPERTY	Remove Existing Structures from Flood Hazard Area	Priority	Low
		Pot. Funding Sources	Local
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$100 K - \$250 K
		Timeframe	2025
FLOOD - CURRENT RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
FLOOD - CURRENT RESIDENTS/PROPERTY	Stormwater Management Planning	Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
FLOOD - FUTURE RESIDENTS/PROPERTY	Adopt and Enforce Building Codes and Development Standards	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
FLOOD - FUTURE RESIDENTS/PROPERTY	Conduct Regular Maintenance for Drainage Systems and Flood Control Structures	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High

RUSH VALLEY MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
FLOOD - FUTURE RESIDENTS/PROPERTY	Coordination and Partnerships i.e. develop stormwater committee regional watershed council local councils etc	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
FLOOD - FUTURE RESIDENTS/PROPERTY	Elevate or Retrofit Facilities and Infrastructure	NFIP compliant?	N/A
FLOOD - FUTURE RESIDENTS/PROPERTY	Floodproof At-Risk Residential and Non-Residential Structures	Pot. Funding Sources	NRCS
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
FLOOD - FUTURE RESIDENTS/PROPERTY	Improve Stormwater Drainage Capacity	Timeframe	2023
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	County
FLOOD - FUTURE RESIDENTS/PROPERTY	Information and educational events (list details in "comments" section)	Estimated Cost	\$0 - \$25 K
		Timeframe	2023
		Pot. Funding Sources	Other State
		Priority	High
		NFIP compliant?	Helps reduce risk
FLOOD - FUTURE RESIDENTS/PROPERTY	Other local planning mechanisms such as joining the NFIP creating risk plans establishing green infrastructure plan etc	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
FLOOD - FUTURE RESIDENTS/PROPERTY	Preserve Floodplains and Open Space through ordinances land purchase conservation easements etc	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
FLOOD - FUTURE RESIDENTS/PROPERTY	Other local planning mechanisms such as joining the NFIP creating risk plans establishing green infrastructure plan etc	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
FLOOD - FUTURE RESIDENTS/PROPERTY	Preserve Floodplains and Open Space through ordinances land purchase conservation easements etc	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Pot. Funding Sources	Local
		Priority	High
FLOOD - FUTURE RESIDENTS/PROPERTY	Preserve Floodplains and Open Space through ordinances land purchase conservation easements etc	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City

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Hazard	Strategy	Strategy Informational Categories	Details
FLOOD - FUTURE RESIDENTS/PROPERTY	Protect and Restore Natural Flood Mitigation Features through natural greenway protection and restoration	Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
FLOOD - FUTURE RESIDENTS/PROPERTY	Protect Infrastructure such as roads bridges wastewater treatment etc	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$50 K - \$100 K
		Timeframe	2022
FLOOD - FUTURE RESIDENTS/PROPERTY	Remove Existing Structures from Flood Hazard Area	Pot. Funding Sources	USGS
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$50 K - \$100 K
FLOOD - FUTURE RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	Timeframe	2023
		Pot. Funding Sources	NRCS
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
FLOOD - FUTURE RESIDENTS/PROPERTY	Stormwater Management Planning	Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
		Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Apply soil stabilization measures such as planting soil stabilizing vegetation on steep publicly-owned slopes	Estimated Cost	\$25 K - \$50 K
		Timeframe	2023
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Apply soil stabilization measures such as planting soil stabilizing vegetation on steep publicly-owned slopes	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Create a plan to implement reinforcement measures in high-risk landslide areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Develop an codes or regulation prohibiting or limiting structures in known landslide/steep slope risk areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Implement monitoring mechanisms/procedures (i.e. visual inspection or electronic monitoring systems)	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Increase Landslide/Steep Slope Risk Awareness and Education (list specifics in comments) - NFIP compliant?		N/A

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Hazard	Strategy	Strategy Informational Categories	Details
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Install catch-fall nets for rocks at steep slopes near roadways	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Locate and/or relocate utilities outside of landslide areas to decrease the risk of service disruption	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Prevent or Reduce Impacts from Landslides by Stabilizing Slopes	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Remove Existing Building and Infrastructure from Landslide/Steep Slope Hazard Area	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Require secondary water meters and smart irrigation controllers to reduce excessive groundwater near known landslide areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Retrofit power water and sewer infrastructure	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - CURRENT RESIDENTS/PROPERTY	Use debris-flow measures that may reduce damage in sloping areas such as stabilization energy dissipation and flow control measures	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Apply soil stabilization measures such as planting soil stabilizing vegetation on steep publicly-owned slopes	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Create a plan to implement reinforcement measures in high-risk landslide areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Develop codes or regulation prohibiting or limiting structures in known landslide/steep slope risk areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Implement monitoring mechanisms/procedures (i.e. visual inspection or electronic monitoring systems)	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Increase Landslide/Steep Slope Risk Awareness and Education (list specifics in comments) - NFIP compliant?		N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Install catch-fall nets for rocks at steep slopes near roadways	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Locate and/or relocate utilities outside of landslide areas to decrease the risk of service disruption	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Prevent or Reduce Impacts from Landslides by Stabilizing Slopes	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Remove Existing Building and Infrastructure from Landslide/Steep Slope Hazard Area	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Require secondary water meters and smart irrigation controllers to reduce excessive groundwater near known landslide areas	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Retrofit power water and sewer infrastructure	NFIP compliant?	N/A
LANDSLIDE/STEEP SLOPES - FUTURE RESIDENTS/PROPERTY	Use debris-flow measures that may reduce damage in sloping areas such as stabilization energy dissipation and flow control measures	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Adopt an ordinance promoting permafrost sensitive construction practices	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Develop a code or regulation prohibiting or limiting structures in known problem soil areas	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Promote community awareness of risks and impacts from building in problem soil areas	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Require geotechnical study to determine risk to structures in various geographic areas	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Restrict development in areas with soil that is considered poor or unsuitable for development	NFIP compliant?	N/A
PROBLEM SOILS - CURRENT RESIDENTS/PROPERTY	Retrofit or remove existing structures from problem soil areas	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Adopt an ordinance promoting permafrost sensitive construction practices	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Develop a code or regulation prohibiting or limiting structures in known problem soil areas	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Promote community awareness of risks and impacts from building in problem soil areas	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Require geotechnical study to determine risk to structures in various geographic areas	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Restrict development in areas with soil that is considered poor or unsuitable for development	NFIP compliant?	N/A
PROBLEM SOILS - FUTURE RESIDENTS/PROPERTY	Retrofit or remove existing structures from problem soil areas	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Advertise radon testing equipment	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Develop and distribute radon hazard guides for homeowners and businesses	NFIP compliant?	N/A

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Hazard	Strategy	Strategy Informational Categories	Details
RADON - CURRENT RESIDENTS/PROPERTY	Develop radon prevention standards and regulations for new housing including installation of ventilation systems in high hazard areas	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Encourage homeowners to install radon systems in home	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Encourage homeowners to test for radon	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Require testing at existing facilities and homes during and/or immediately after construction	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Retrofit homes with radon ventilation systems	NFIP compliant?	N/A
RADON - CURRENT RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Advertise radon testing equipment	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Develop and distribute radon hazard guides for homeowners and businesses	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Develop radon prevention standards and regulations for new housing including installation of ventilation systems in high hazard areas	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Encourage homeowners to install radon systems in home	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Encourage homeowners to test for radon	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Require testing at existing facilities and homes during and/or immediately after construction	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Retrofit homes with radon ventilation systems	NFIP compliant?	N/A
RADON - FUTURE RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	NFIP compliant?	N/A
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Conduct Outreach Activities Increase and Public Awareness (specify below in comments)	Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Protect Life Safety and Property Damage of Residential Buildings through applicable architecture and retrofits	NFIP compliant?	N/A
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Provide Weather-Related Information through Print Broadcast and Social Media	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Reducing Impacts of Wind Hail Lightning through structural projects i.e. windbreaks	Pot. Funding Sources	USGS
		Responsible Entity	State
		Priority	Low
		NFIP compliant?	Helps reduce risk
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023

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Hazard	Strategy	Strategy Informational Categories	Details
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Retrofit Public Buildings and Critical Facilities/Infrastructure (specify below in comments)	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2024
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
SEVERE WEATHER - CURRENT RESIDENTS/PROPERTY	Use natural environmental features as wind buffers in site design	NFIP compliant?	N/A
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Conduct Outreach Activities Increase and Public Awareness (specify below in comments)	Pot. Funding Sources	USGS
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Protect Life Safety and Property Damage of Residential Buildings through applicable architecture and retrofits	Priority	Medium
		Pot. Funding Sources	Local
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Provide Weather-Related Information through Print Broadcast and Social Media	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		NFIP compliant?	N/A
		Priority	High

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Hazard	Strategy	Strategy Informational Categories	Details
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Reducing Impacts of Wind Hail Lightning through structural projects i.e. windbreaks	Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
SEVERE WEATHER - FUTURE RESIDENTS/PROPERTY	Use natural environmental features as wind buffers in site design	NFIP compliant?	N/A
TORNADO - CURRENT RESIDENTS/PROPERTY	Appropriate engineering controls (such as deflection structures) are designed and installed to mitigate the hazard	NFIP compliant?	N/A
TORNADO - CURRENT RESIDENTS/PROPERTY	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments)	NFIP compliant?	N/A
TORNADO - CURRENT RESIDENTS/PROPERTY	Encourage Construction of Safe Rooms (Specify below in comments)	NFIP compliant?	N/A
TORNADO - CURRENT RESIDENTS/PROPERTY	Require Wind-Resistant Building Techniques	NFIP compliant?	N/A
TORNADO - CURRENT RESIDENTS/PROPERTY	Require Wind-Resistant Building Techniques	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Appropriate engineering controls (such as deflection structures) are designed and installed to mitigate the hazard	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Conduct Outreach Activities to Increase Awareness of Tornado Risk (Specify below in comments)	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Develop an tornado codes or regulation prohibiting or limiting structures in known tornado areas	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Encourage Construction of Safe Rooms (Specify below in comments)	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Require Wind-Resistant Building Techniques	NFIP compliant?	N/A
TORNADO - FUTURE RESIDENTS/PROPERTY	Require Wind-Resistant Building Techniques	NFIP compliant?	N/A
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Address density and quantity of development as well emergency access landscaping and water supply	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Adopt and Enforce Building Codes and Development Standards	Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K

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Hazard	Strategy	Strategy Informational Categories	Details
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Develop a community wildfire preparedness plan	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Develop wildfire and/or Wildland Urban Interface (WUI) codes or regulation prohibiting or limiting structures in known wildfire risk areas	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments)	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Ensure newly constructed government-owned facilities are code compliant for wildfire hazards and promote the use of enhanced wildfire mitigation practices	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Implement a Fuels Management Program	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk

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Hazard	Strategy	Strategy Informational Categories	Details
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Include considerations of wildfire hazards in land use public safety and other processes	Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Mandate wildfire planning be incorporated into development and land use planning	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas	Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Participate in Firewise Program	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Promote conservation of open space or wildland-urban boundary zones to separate developed areas from high-hazard areas	Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		Pot. Funding Sources	Local
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Set guidelines for annexation and service extensions in high-risk areas	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Priority	High

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Hazard	Strategy	Strategy Informational Categories	Details
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Structural and defensible space requirements	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - CURRENT RESIDENTS/PROPERTY	Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Address density and quantity of development as well emergency access landscaping and water supply	NFIP compliant?	N/A
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Adopt and Enforce Building Codes and Development Standards	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Develop a community wildfire preparedness plan	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Develop wildfire and/or Wildland Urban Interface (WUI) codes or regulation prohibiting or limiting structures in known wildfire risk areas	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High

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Hazard	Strategy	Strategy Informational Categories	Details
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Educate Property Owners about Wildfire Mitigation Techniques (List specifics below in comments)	NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Ensure newly constructed government-owned facilities are code compliant for wildfire hazards and promote the use of enhanced wildfire mitigation practices	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Implement a Fuels Management Program	Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Include considerations of wildfire hazards in land use public safety and other processes	Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Mandate wildfire planning be incorporated into development and land use planning	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
		Priority	Medium
		NFIP compliant?	Helps reduce risk
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Mitigate Against Post-Wildfire Flooding via structural projects in drainage areas	Pot. Funding Sources	County
		Responsible Entity	City
		Priority	High
		NFIP compliant?	Helps reduce risk

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Hazard	Strategy	Strategy Informational Categories	Details
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Participate in Firewise Program	Pot. Funding Sources	Local
		Priority	High
		NFIP compliant?	Helps reduce risk
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Promote conservation of open space or wildland-urban boundary zones to separate developed areas from high-hazard areas	Priority	Medium
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Set guidelines for annexation and service extensions in high-risk areas	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$25 K - \$50 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Structural and defensible space requirements	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022
WILDFIRE - FUTURE RESIDENTS/PROPERTY	Use zoning and/or a special wildfire overlay district to designate high-risk areas and specify the conditions for the use and development of specific areas	Priority	High
		NFIP compliant?	Helps reduce risk
		Pot. Funding Sources	County
		Responsible Entity	County
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022