

## 5.3 STOCKTON CITY

### 5.3.2 Stockton City - Future Development Risk

#### 5.3.3 Stockton City - Hazards

1. Alluvial Fans
2. Debris Flow
3. Earthquake
4. Engineering Problem Soils
5. Erosion
6. Flood
7. Steep Slope
8. Wildfire

#### 5.3.4 Stockton City - Risk Assessment Results

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

#### 5.3.5 Stockton City - Mitigation Strategies

### RISK SUMMARY

- Alluvial Fans
- Debris Flow
- Earthquake
- Engineering Problem Soils
- Erosion
- Flood



Aerial image of Stockton City.

## 5.3.2 STOCKTON CITY - HAZARDS

### RISK TO FUTURE DEVELOPMENT

Future Development is expected on the South East area of Stockton near the area of Solider Canyon. A residential development of 320 homes are expected in the area. This area is susceptible wildfire, flood, soil erosion.



### HazType / ACRES

Alluvial Fan	32
Debris Flow	0
Engineering Problem Soils	677
Erosion	663
FEMA Flood Zone	35
Flood Soils	611
Flood Wetland & Riparian	148
Liquefaction	165
Steep Slope	21
Wildfire Hazard Potential	1,079

### GRANTSVILLE 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>
Alluvial Fans	Low	Low	MODERATE	MODERATE	MODERATE	Low
Debris Flow	MODERATE	Low	MODERATE	HIGH	Low	Low
Earthquake	Low	MODERATE	MODERATE	MODERATE	Low	Low
Engineering Problem Soils	MODERATE	Low	MODERATE	MODERATE	HIGH	MODERATE
Erosion	HIGH	Low	HIGH	HIGH	HIGH	HIGH
Flood	HIGH	MODERATE	HIGH	HIGH	MODERATE	HIGH
Steep Slope	Low	Low	Low	Low	MODERATE	Low
Wildfire	MODERATE	MODERATE	HIGH	HIGH	MODERATE	HIGH



### 5.3.3 STOCKTON CITY - HAZARDS

#### ALLUVIAL FAN

32 AC

While no structures are located in alluvial fan areas yet, the city would be wise to prevent development in these areas to avoid future damage to structures and risk to life and property. Potential losses are minimal but include 0.7 miles of roads, 17.5 miles of natural gas lines, and extensive undeveloped agricultural lands and natural areas.

#### DEBRIS FLOW

0 AC

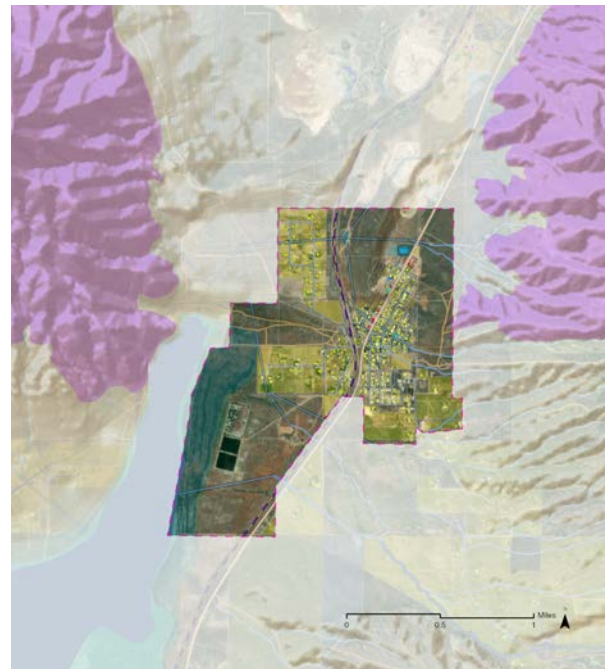
A very minor portion of the eastern side of town is at risk for debris flows. No potential losses exist in this analysis.

#### ENGINEERING PROBLEM SOILS 677 AC

Most of the undeveloped areas in Stockton are covered by problem soils, including most major roads, sewer treatment, and developments west of town. While not an imminent threat, these soils can damage structures and infrastructure over time. Potential losses include 12 homes, 1 church, 1 cemetery, 14 miles of power lines, and around 10 miles of roads.



Alluvial Fans



Debris Flow Risk



Problem Soils

## 5.3.3 STOCKTON CITY - HAZARDS

### EROSION

663 AC

Most of the undeveloped areas in Stockton are covered by erosive soils, including most major roads, sewer treatment, and developments west of town. While not an imminent threat, these soils can damage structures and infrastructure over time. Potential losses include 1 church, 73 homes, 14 miles of electrical lines, and around 4 miles of roads.

### FEMA\_FLOOD\_ZONE

35 AC

A small stream corridor through the center of town is considered flood zone. However, more risks are likely outside of that particular drainage, especially low-lying areas or areas with high water tables. Potential losses include 18 homes, around 3 miles of roads, and extensive areas of agricultural and grazing land.

### FLOOD\_SOILS

611 AC

### FLOOD\_WETLAND & RIPARIAN 148 AC

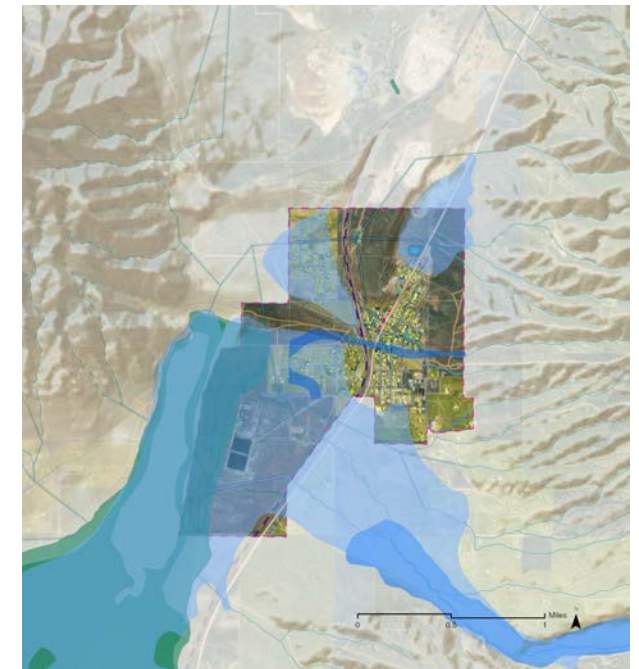
High water tables and stream/ditch corridors pose significant risk to local residents in Stockton. These areas can also be inundated during flood events and overflow into undesirable areas. Potential losses include 74 homes, 1 church, 1 historic site, and over 6 miles of roads.



Erosive Soils (Roads and Trails)



Flood\_Dam Inundation  
Flood\_Great Salt Lake Flooding  
Flood\_Valley Bottom



Flood\_SOILS  
Flood\_FEMA 100 year floodplain  
Flood\_Riparian/Wetland



### 5.3.3 STOCKTON CITY - HAZARDS

#### LIQUEFACTION

165 AC

Mostly undeveloped areas southwest of town are at risk from liquefaction during an earthquake. At risk areas consist of petroleum pipelines (59 miles), and 1 mile or less of both roads and canals.

#### STEEP SLOPE

21 AC

Steep slopes exist around the benches of the mountain north of town, but there are no structures currently located on those slopes. Potential losses include 1 home, 14 miles of power lines, 59 miles of petroleum pipelines, and under 2 miles of roads.

#### WILDFIRE HAZARD POTENTIAL

1,079 AC

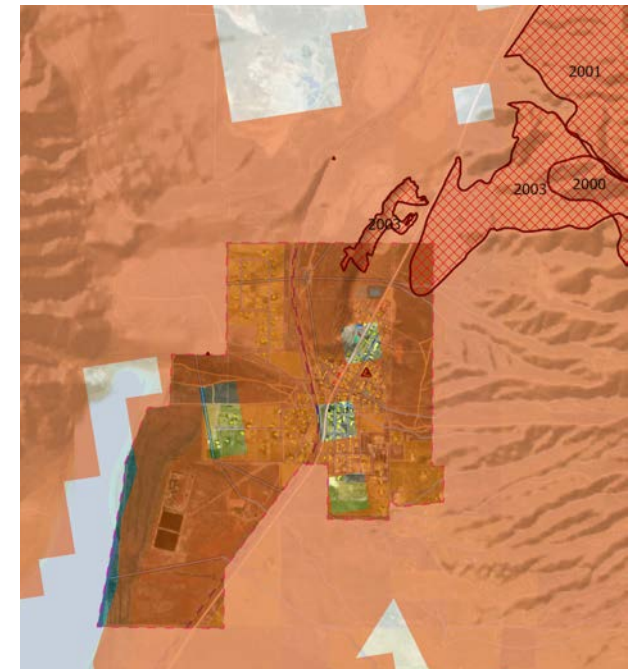
Virtually the entire town of Stockton could be at risk from a significant wildfire event. Most of this risk comes from its proximity to nearby fields, benches, and mountains on all sides. Potential losses include 5 businesses, 2 community center buildings, 1 church, 1 post office, over 320 residential units, 1 fire station, many miles of roads and transmission lines, and tens of thousands of acres of local farm and grazing lands.



Liquefaction Risk



Steep Slopes >30%



Wildfire Hazard

## 5.3.4.1 STOCKTON CITY - RISK ASSESMENT RESULTS - STRUCTURES

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
Problem Engineering Soils	Community Resource	PlaceofWorship	1
	Other	Out	3
	Residential	Manufactured	12

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
Erosion_RoadTrail	Community Resource	PlaceofWorship	1
Erosion_RoadTrail	Other	Out	3
Erosion_RoadTrail	Residential	Manufactured	12
Erosion_RoadTrail	Residential	Residential	61

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
FEMA_FloodZone	Other	Out	1
FEMA_FloodZone	Residential	Manufactured	6
FEMA_FloodZone	Residential	Res_Modular	1
FEMA_FloodZone	Residential	Residential	11

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
Flood_SoilsPurdue	Community Resource	PlaceofWorship	1
Flood_SoilsPurdue	Other	Out	3
Flood_SoilsPurdue	Residential	Manufactured	12
Flood_SoilsPurdue	Residential	Residential	58
Flood_Wetland/ Riparian	Residential	Manufactured	1
Flood_Wetland/ Riparian	Residential	Detached Single Family Residential	3

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
SteepSlope	Residential	Manufactured	1

STOCKTON CITY - BUILDING FOOTPRINT - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Buildings
Wildfire	Commercial	Commercial	5
Wildfire	Community Resource	Community Center	2
Wildfire	Community Resource	PlaceofWorship	1
Wildfire	Emergency Facility	FireStation	1
Wildfire	Government Facility	LocalGov_Police	1
Wildfire	Government Facility	Post_Office	1
Wildfire	Other	Out	4
Wildfire	Residential	Duplex	1
Wildfire	Residential	Manufactured	106
Wildfire	Residential	Res_ModularHome	18
Wildfire	Residential	Res_Modular	1
Wildfire	Residential	Residential	202

## 5.3.4.2 STOCKTON CITY - RISK ASSESMENT RESULTS - CRITICAL FACILITIES

STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
DwellingsWithBasements	Community	Cemetery	1
DwellingsWithBasements	Community	PlaceofWorship	1
DwellingsWithBasements	Recreation	HistoricSites	1
DwellingsWithBasements	Water	Well_Log	3
DwellingsWithoutBasements	Community	Cemetery	1
DwellingsWithoutBasements	Community	PlaceofWorship	1
DwellingsWithoutBasements	Recreation	HistoricSites	1
DwellingsWithoutBasements	Water	Well_Log	3
STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
Erosion_RoadTrail	Community	Cemetery	1
Erosion_RoadTrail	Community	PlaceofWorship	1
Erosion_RoadTrail	Recreation	HistoricSites	1
Erosion_RoadTrail	Water	Well_Log	3
STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
Flood_SoilsPurdue	Community	PlaceofWorship	1
Flood_SoilsPurdue	Recreation	HistoricSites	1
Flood_SoilsPurdue	Water	Well_Log	3
Flood_Wetland/Riparian	Water	Well_Log	1

STOCKTON CITY - CRITICAL FACILITIES - POTENTIAL LOSS TABLE			
Hazard	Category	Type	# of Facilities
Wildfire	Community	Cemetery	1
Wildfire	Community	PlaceofWorship	1
Wildfire	Emergency	FireStation	1
Wildfire	Emergency	LawEnforcement	1
Wildfire	Energy	FuelStation_Gas	2
Wildfire	Government	LocalGovFacility	1
Wildfire	Government	PostOffice	1
Wildfire	Recreation	HistoricSites	4
Wildfire	Recreation	Park	1
Wildfire	Water	Well_Log	4

## 5.3.4.3 STOCKTON CITY | RISK ASSESMENT RESULTS | PARCEL DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
AlluvialFan	None	None	3086	109.859998	41296
AlluvialFan	Residential	Residential	752	13.76	375438
DebrisFlow	None	None	783	30.299999	10215
DwellingsWithBasements	BLM	BLM	1968	0	0
DwellingsWithBasements	Commercial	Commercial	723	2.54	278376
DwellingsWithBasements	Community_Resources	Cemetery	735	2.6	0
DwellingsWithBasements	Community_Resources	PlaceofWorship	1020	5.04	0
DwellingsWithBasements	None	None	24704	785.798986	797546
DwellingsWithBasements	Residential	Res_Munufacture_Mobile_Hookups	5369	64.419999	2239745
DwellingsWithBasements	Residential	Residential	16469	136.06	12102980
Erosion_RoadTrail	BLM	BLM	1970	0	0
Erosion_RoadTrail	Commercial	Commercial	725	2.54	278376
Erosion_RoadTrail	Community_Resources	Cemetery	736	2.6	0
Erosion_RoadTrail	Community_Resources	PlaceofWorship	1021	5.04	0
Erosion_RoadTrail	None	None	24740	785.798986	797546
Erosion_RoadTrail	Residential	Res_Munufacture_Mobile_Hookups	5380	64.419999	2239745
Erosion_RoadTrail	Residential	Residential	16522	136.06	12102980
FEMA_FloodZone	None	None	8418	100.259	42685
FEMA_FloodZone	Residential	Res_Munufacture_Mobile_Hookups	6201	12.02	1308448
FEMA_FloodZone	Residential	Residential	12706	33.609	3031835
FEMA_FloodZone	Residential	Residential_MultiFamily	1960	0	0



### 5.3.4.3 STOCKTON CITY | RISK ASSESMENT RESULTS | PARCEL DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
Flood_SoilsPurdue	BLM	BLM	1962	0	0
Flood_SoilsPurdue	Commercial	Commercial	717	2.54	278376
Flood_SoilsPurdue	Community_Resources	PlaceofWorship	1017	5.04	0
Flood_SoilsPurdue	None	None	21229	731.368987	762910
Flood_SoilsPurdue	Residential	Res_Munufacture_Mobile_Hookups	4281	34.45	1722678
Flood_SoilsPurdue	Residential	Residential	16310	136.06	12102980
Flood_Wetland_Riparian	BLM	BLM	977	0	0
Flood_Wetland_Riparian	Commercial	Commercial	1567	0.27	76640
Flood_Wetland_Riparian	Community_Resources	Cemetery	732	2.6	0
Flood_Wetland_Riparian	EmergencyServices	Police Department/Local_Gov_Fac	587	0.22	0
Flood_Wetland_Riparian	None	None	15858	631.889988	609389
Flood_Wetland_Riparian	Residential	Res_Munufacture_Mobile_Hookups	2308	35.699999	1432444
Flood_Wetland_Riparian	Residential	Residential	13366	43.609	3553418
Liquefaction	BLM	BLM	983	0	0
Liquefaction	None	None	3283	256.379995	106560
RMRS_WildFireHP_2020	BLM	BLM	1964	0	0
RMRS_WildFireHP_2020	Commercial	Commercial	8422	4.58	1724145
RMRS_WildFireHP_2020	Community_Resources	Cemetery	733	2.6	0
RMRS_WildFireHP_2020	Community_Resources	PlaceofWorship	1018	5.04	0
RMRS_WildFireHP_2020	EmergencyServices	Fire_Station/Emergency_Med	471	0.37	0

### 5.3.4.3 STOCKTON CITY | RISK ASSESMENT RESULTS | PARCEL DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE PARCEL DATA					
Hazard	Infrastructure Category	Infrastructure Type	# of Parcels	Sum Parcel Acres	Sum Total Market Value
RMRS_WildFireHP_2020	EmergencyServices	Police Department/Local_Gov_Fac	588	0.22	0
RMRS_WildFireHP_2020	LocalGovernment	Post_Office	368	0.55	724266
RMRS_WildFireHP_2020	None	None	60397	940.596486	1232675
RMRS_WildFireHP_2020	Residential	Res_Munufacture_Mobile_Hookups	46261	92.511999	10721539
RMRS_WildFireHP_2020	Residential	Residential	129368	189.7645	26578951
RMRS_WildFireHP_2020	Residential	Residential_MultiFamily	2349	0.18	200970
SteepSlope	None	None	9846	230.258994	67973
SteepSlope	Residential	Res_Munufacture_Mobile_Hookups	2155	31.739999	641917
SteepSlope	Residential	Residential	2465	1.61	291546

## 5.3.4.4 STOCKTON CITY | RISK ASSESMENT RESULTS | LINE DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
AlluvialFan	Energy	Pipeline_NaturalGas	1	17.5
AlluvialFan	Natural	StreamRiver_Ephemeral	4	2.4
AlluvialFan	Transportation	Road	3	0.3
AlluvialFan	Transportation	Road_A	1	0.4
AlluvialFan	Water	Connector	2	0.2
DwellingsWithBasements	Energy	ElectricPowerTransmissionLine	1	14.0
DwellingsWithBasements	Energy	Pipeline_NaturalGas	1	17.5
DwellingsWithBasements	Energy	Pipeline_Petro	1	58.9
DwellingsWithBasements	Natural	StreamRiver_Ephemeral	7	5.8
DwellingsWithBasements	Natural	StreamRiver_Intermittent	1	0.7
DwellingsWithBasements	Transportation	Road	8	0.9
DwellingsWithBasements	Transportation	Road_A	2	1.1
DwellingsWithBasements	Transportation	Road_C	16	2.6
DwellingsWithBasements	Transportation	Road_D	5	0.7
DwellingsWithBasements	Water	Canal_ArtificialPath	1	0.2
DwellingsWithBasements	Water	Connector	10	4.7
Erosion_RoadTrail	Energy	ElectricPowerTransmissionLine	1	14.0
Erosion_RoadTrail	Energy	Pipeline_NaturalGas	1	17.5
Erosion_RoadTrail	Energy	Pipeline_Petro	1	58.9
Erosion_RoadTrail	Natural	StreamRiver_Ephemeral	7	5.8
Erosion_RoadTrail	Natural	StreamRiver_Intermittent	1	0.7



## 5.3.4.4 STOCKTON CITY | RISK ASSESMENT RESULTS | LINE DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
Erosion_RoadTrail	Transportation	Road	8	0.9
Erosion_RoadTrail	Transportation	Road_A	2	1.1
Erosion_RoadTrail	Transportation	Road_C	16	2.6
Erosion_RoadTrail	Transportation	Road_D	5	0.7
Erosion_RoadTrail	Water	Connector	10	4.7
FEMA_FloodZone	Energy	Pipeline_NaturalGas	1	17.5
FEMA_FloodZone	Natural	StreamRiver_Ephemeral	2	2.5
FEMA_FloodZone	Transportation	Road	12	1.5
FEMA_FloodZone	Transportation	Road_A	1	0.3
FEMA_FloodZone	Transportation	Road_C	12	1.2
FEMA_FloodZone	Water	Connector	1	0.2
Flood_SoilsPurdue	Energy	ElectricPowerTransmissionLine	1	14.0
Flood_SoilsPurdue	Energy	Pipeline_NaturalGas	1	17.5
Flood_SoilsPurdue	Energy	Pipeline_Petro	1	58.9
Flood_SoilsPurdue	Natural	StreamRiver_Ephemeral	5	3.3
Flood_SoilsPurdue	Natural	StreamRiver_Intermittent	1	0.7
Flood_SoilsPurdue	Transportation	Road	3	0.4
Flood_SoilsPurdue	Transportation	Road_A	2	1.1
Flood_SoilsPurdue	Transportation	Road_C	15	2.2
Flood_SoilsPurdue	Transportation	Road_D	5	0.7

## 5.3.4.4 STOCKTON CITY | RISK ASSESMENT RESULTS | LINE DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
Flood_SoilsPurdue	Water	Canal_ArtificialPath	1	0.2
Flood_SoilsPurdue	Water	Connector	8	3.4
Flood_Wetland_Riparian	Energy	ElectricPowerTransmissionLine	1	14.0
Flood_Wetland_Riparian	Energy	Pipeline_NaturalGas	1	17.5
Flood_Wetland_Riparian	Energy	Pipeline_Petro	1	58.9
Flood_Wetland_Riparian	Natural	StreamRiver_Ephemeral	8	6.6
Flood_Wetland_Riparian	Natural	StreamRiver_Intermittent	1	0.7
Flood_Wetland_Riparian	Transportation	Road	4	0.4
Flood_Wetland_Riparian	Transportation	Road_A	3	0.8
Flood_Wetland_Riparian	Transportation	Road_C	18	2.2
Flood_Wetland_Riparian	Transportation	Road_D	3	0.7
Flood_Wetland_Riparian	Water	Canal_ArtificialPath	1	0.2
Flood_Wetland_Riparian	Water	Connector	12	5.3
Liquefaction	Energy	Pipeline_Petro	1	58.9
Liquefaction	Transportation	Road_D	2	0.5
Liquefaction	Water	Canal_ArtificialPath	1	0.2
Liquefaction	Water	Connector	1	0.5
RMRS_WildFireHP_2020	Energy	ElectricPowerTransmissionLine	1	14.0
RMRS_WildFireHP_2020	Energy	Pipeline_NaturalGas	1	17.5
RMRS_WildFireHP_2020	Energy	Pipeline_Petro	1	58.9

## 5.3.4.4 STOCKTON CITY | RISK ASSESMENT RESULTS | LINE DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE LINE DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM SEGMENT LENGTH (MILES)
RMRS_WildFireHP_2020	Natural	StreamRiver_Ephemeral	8	6.6
RMRS_WildFireHP_2020	Natural	StreamRiver_Intermittent	1	0.7
RMRS_WildFireHP_2020	Transportation	Road	31	3.4
RMRS_WildFireHP_2020	Transportation	Road_A	9	2.3
RMRS_WildFireHP_2020	Transportation	Road_C	88	7.6
RMRS_WildFireHP_2020	Transportation	Road_D	9	1.1
RMRS_WildFireHP_2020	Water	Canal_ArtificialPath	1	0.2
RMRS_WildFireHP_2020	Water	Connector	12	5.3
SteepSlope	Energy	ElectricPowerTransmissionLine	1	14.0
SteepSlope	Energy	Pipeline_Petro	1	58.9
SteepSlope	Water	Connector	3	1.7



## 5.3.4.5 STOCKTON CITY | RISK ASSESMENT RESULTS | AREA DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
AlluvialFan	Agricultural	Agriculture_Parcel	1	13.7
AlluvialFan	Agricultural	AgricultureWRLA_DryCrop	2	72.9
AlluvialFan	Agricultural	GrazingAllotment	1	28,630.8
AlluvialFan	Natural	Wetland	1	41.2
AlluvialFan	Water	RetailCulinaryWaterServiceArea	1	1,514.5
DebrisFlow	Water	RetailCulinaryWaterServiceArea	1	1,514.5
DwellingsWithBasements	Agricultural	Agriculture_Parcel	8	133.2
DwellingsWithBasements	Agricultural	AgricultureWRLA_DryCrop	14	230.0
DwellingsWithBasements	Agricultural	AgricultureWRLA_Food	2	1.7
DwellingsWithBasements	Agricultural	AgricultureWRLU_Sprinkler	5	18.2
DwellingsWithBasements	Agricultural	GrazingAllotment	3	64,201.3
DwellingsWithBasements	Natural	LakePond_Intermittent	1	980.1
DwellingsWithBasements	Natural	Riparian	1	535.7
DwellingsWithBasements	Natural	Wetland	4	2,040.1
DwellingsWithBasements	Water	RetailCulinaryWaterServiceArea	1	1,514.5
Erosion_RoadTrail	Agricultural	Agriculture_Parcel	8	133.2
Erosion_RoadTrail	Agricultural	AgricultureWRLA_DryCrop	14	230.0
Erosion_RoadTrail	Agricultural	AgricultureWRLA_Food	2	1.7
Erosion_RoadTrail	Agricultural	AgricultureWRLU_Sprinkler	5	18.2
Erosion_RoadTrail	Agricultural	GrazingAllotment	3	64,201.3

## 5.3.4.5 STOCKTON CITY | RISK ASSESMENT RESULTS | AREA DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
Erosion_RoadTrail	Natural	Wetland	4	2,040.1
Erosion_RoadTrail	Water	RetailCulinaryWaterServiceArea	1	1,514.5
FEMA_FloodZone	Agricultural	Agriculture_Parcel	2	9.7
FEMA_FloodZone	Agricultural	AgricultureWRLA_DryCrop	3	7.0
FEMA_FloodZone	Agricultural	AgricultureWRLA_Food	1	0.5
FEMA_FloodZone	Agricultural	AgricultureWRLU_Sprinkler	2	6.1
FEMA_FloodZone	Agricultural	GrazingAllotment	1	17,307.2
FEMA_FloodZone	Natural	Wetland	1	41.2
FEMA_FloodZone	Water	RetailCulinaryWaterServiceArea	1	1,514.5
Flood_SoilsPurdue	Agricultural	Agriculture_Parcel	8	133.2
Flood_SoilsPurdue	Agricultural	AgricultureWRLA_DryCrop	14	230.0
Flood_SoilsPurdue	Agricultural	AgricultureWRLA_Food	2	1.7
Flood_SoilsPurdue	Agricultural	AgricultureWRLU_Sprinkler	5	18.2
Flood_SoilsPurdue	Agricultural	GrazingAllotment	2	45,938.0
Flood_SoilsPurdue	Natural	LakePond_Intermittent	1	980.1
Flood_SoilsPurdue	Natural	Riparian	1	535.7
Flood_SoilsPurdue	Natural	Wetland	4	2,040.1
Flood_SoilsPurdue	Water	RetailCulinaryWaterServiceArea	1	1,514.5
Flood_Wetland_Riparian	Agricultural	Agriculture_Parcel	4	114.5
Flood_Wetland_Riparian	Agricultural	AgricultureWRLA_DryCrop	9	216.4

## 5.3.4.5 STOCKTON CITY | RISK ASSESMENT RESULTS | AREA DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
Flood_Wetland_Riparian	Agricultural	AgricultureWRLU_Sprinkler	1	5.9
Flood_Wetland_Riparian	Agricultural	GrazingAllotment	3	64,201.3
Flood_Wetland_Riparian	Natural	LakePond_Intermittent	1	980.1
Flood_Wetland_Riparian	Natural	Riparian	1	535.7
Flood_Wetland_Riparian	Natural	Wetland	4	2,040.1
Flood_Wetland_Riparian	Water	RetailCulinaryWaterServiceArea	1	1,514.5
Liquefaction	Agricultural	AgricultureWRLA_DryCrop	1	8.3
Liquefaction	Agricultural	GrazingAllotment	1	17,307.2
Liquefaction	Natural	LakePond_Intermittent	1	980.1
Liquefaction	Natural	Riparian	1	535.7
Liquefaction	Natural	Wetland	2	1,979.3
Liquefaction	Water	RetailCulinaryWaterServiceArea	1	1,514.5
RMRS_WildFireHP_2020	Agricultural	Agriculture_Parcel	8	133.2
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLA_DryCrop	14	230.0
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLA_Food	2	1.7
RMRS_WildFireHP_2020	Agricultural	AgricultureWRLU_Sprinkler	5	18.2
RMRS_WildFireHP_2020	Agricultural	GrazingAllotment	3	64,201.3
RMRS_WildFireHP_2020	Natural	LakePond_Intermittent	1	980.1
RMRS_WildFireHP_2020	Natural	Riparian	1	535.7
RMRS_WildFireHP_2020	Natural	Wetland	4	2,040.1



## 5.3.4.5 STOCKTON CITY | RISK ASSESMENT RESULTS | AREA DATA

STOCKTON CITY - RISK ASSESMENT - CRITICAL INFRASTRUCTURE AREAS DATA				
HAZARD	INFRASTRUCTURE CATEGORY	INFRASTRUCTURE TYPE	# OF SEGMENTS	SUM OF AREAS (ACRES)
RMRS_WildFireHP_2020	Water	RetailCulinaryWaterServiceArea	1	1,514.5
SteepSlope	Agricultural	AgricultureWRLA_DryCrop	1	63.4
SteepSlope	Agricultural	GrazingAllotment	1	28,630.8
SteepSlope	Natural	Wetland	1	41.2
SteepSlope	Water	RetailCulinaryWaterServiceArea	1	1,514.5

## 5.3.5 STOCKTON CITY - MITIGATION STRATEGIES

### STOCKTON MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
DROUGHT - CURRENT RESIDENTS/PROPERTY	Expand and Improve Existing Potable Water Systems	Pot. Funding Sources	Other
		Priority	Medium
		Responsible Entity	City
		Estimated Cost	\$500 K - \$1 Mil
		Timeframe	2023
DROUGHT - CURRENT RESIDENTS/PROPERTY	Improve Public Water Infrastructure and Management with Water Provider	Pot. Funding Sources	Other
		Priority	High
		Responsible Entity	City
		Estimated Cost	\$250 K - \$500 K
		Timeframe	2023
DROUGHT - CURRENT RESIDENTS/PROPERTY	Update and adopt drought ordinances	Priority	Medium
		Pot. Funding Sources	Local
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2025
DROUGHT - FUTURE RESIDENTS/PROPERTY	Expand and Improve Existing Potable Water Systems	Pot. Funding Sources	Other
		Priority	High
		Responsible Entity	City
		Estimated Cost	\$500 K - \$1 Mil
		Timeframe	2023
DROUGHT - FUTURE RESIDENTS/PROPERTY	Update and adopt drought ordinances	Priority	Medium
		Pot. Funding Sources	Local
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2023
		Priority	Medium
		Pot. Funding Sources	Local

## STOCKTON MITIGATION STRATEGIES - 2021 TOOELE COUNTY PDMP

Hazard	Strategy	Strategy Informational Categories	Details
EARTHQUAKE - CURRENT RESIDENTS/PROPERTY	Conduct Building Safety Inspections	Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2021
FLOOD - CURRENT RESIDENTS/PROPERTY	Review and/or Develop Codes Ordinances and Policies	Pot. Funding Sources	Other
		Priority	High
		Responsible Entity	City
		Estimated Cost	\$0 - \$25 K
		Timeframe	2022