

Hazard Vulnerability Analysis

FACILITY NAME: Western Coalition

YEAR: 2023

VERSION: 1

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Top Risks

Hazards are ranked according to vulnerability, which is the comparative significance of the threat based on probability, magnitude and mitigation.

Rank	Hazard	Incidents	Vulnerability	Preparedness
1	Inclement Weather	0	86%	Low
2	IT System Outage	0	86%	Low
3	Power Outage	1	83%	Medium
4	Mass Casualty Incident	1	81%	Low
5	Epidemic	2	77%	High
6	Water Disruption	0	73%	Low
7	Active Shooter	0	72%	Low
8	Bomb Threat	0	72%	Medium
9	Earthquake	0	72%	Low
10	Transportation Failure	0	72%	Medium
11	Patient Surge	1	72%	High
12	Supply Chain Shortage / Failure	1	72%	High
13	Wildland Fire	1	72%	High
14	Evacuation	0	69%	Low
15	Hazmat Incident with Mass Casualties	0	68%	Medium
16	Communication / Telephony Failure	0	67%	Medium
17	Hazmat Incident	0	67%	High
18	Workplace Violence / Threat	0	67%	Medium
19	Sewer Failure	0	64%	Medium
20	Suicide	0	63%	Medium
21	Civil Unrest	0	61%	Medium
22	Dam Failure	0	61%	Low
23	Suspicious Package / Substance	0	61%	Low
24	Acts of Intent	0	60%	Low
25	Explosion	0	60%	Low
26	HVAC Failure	0	60%	High
27	Water Contamination	0	60%	High
28	Landslide	0	55%	Low
29	Temperature Extremes	0	55%	High
30	Abduction	0	53%	Low

31	Internal Fire	0	53%	High
32	External Flood	0	51%	High
33	Trauma	0	51%	High
34	Internal Flood	0	49%	High
35	Shelter in Place	0	46%	High
36	Forensic Admission	0	43%	High
37	VIP Situation	0	43%	High
38	Gas / Emissions Leak	0	42%	Medium
39	Hostage Situation	0	42%	High
40	Radiation Exposure	0	42%	Medium
41	Fire	0	38%	Medium
42	Generator Failure	0	38%	High
43	Natural Gas Disruption	0	38%	Medium
44	Planned Power Outages	0	38%	High
45	Infectious Disease Outbreak	2	10%	Not Applicable
46	Pandemic	1	5%	Not Applicable

PREPARED BY:

SIGNATURE:

Hazards

HAZARD: **Abduction**

PROBABILITY: **Low**

MAGNITUDE

Human Impact: **High**

Property Impact: **NotApplicable**

Business Impact: **NotApplicable**

MITIGATION

Preparedness: **Low**

Internal Response: **Low**

External Response: **Low**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: **Active Shooter**

PROBABILITY: **Medium**

MAGNITUDE

Human Impact: **High**

Property Impact: **Medium**

Business Impact: **Medium**

MITIGATION

Preparedness: **Low**

Internal Response: **Low**

External Response: **Medium**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Acts of Intent**PROBABILITY: Medium****MAGNITUDE**Human Impact: **Medium**Property Impact: **Medium**Business Impact: **Medium****MITIGATION**Preparedness: **Low**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Bomb Threat****PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Low**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: **Building Move**

PROBABILITY: **NotApplicable**

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: **Chemical Exposure, External**

PROBABILITY: **NotApplicable**

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: **Civil Unrest**

PROBABILITY: **Low**

MAGNITUDE

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

MITIGATION

Preparedness: **Medium**

Internal Response: **High**

External Response: **Medium**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: **Communication / Telephony Failure**

PROBABILITY: **High**

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **High**

MITIGATION

Preparedness: **Medium**

Internal Response: **Medium**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Dam Failure**PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Drought****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: **Earthquake**

PROBABILITY: **Medium**

MAGNITUDE

Human Impact: **Medium**

Property Impact: **Medium**

Business Impact: **Medium**

MITIGATION

Preparedness: **Low**

Internal Response: **Low**

External Response: **Low**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: **Elopement (AWOL)**

PROBABILITY: **NotApplicable**

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Epidemic**PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **2****HAZARD: Evacuation****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Explosion

PROBABILITY: Medium

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **High**

MITIGATION

Preparedness: **Low**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: External Flood

PROBABILITY: High

MAGNITUDE

Human Impact: **Low**

Property Impact: **Low**

Business Impact: **High**

MITIGATION

Preparedness: **High**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Fire

PROBABILITY: Low

MAGNITUDE

Human Impact: Low

Property Impact: Low

Business Impact: Low

MITIGATION

Preparedness: Medium

Internal Response: Medium

External Response: High

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: 0

HAZARD: Flood

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: 0

HAZARD: Forensic Admission**PROBABILITY: High****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Gas / Emissions Leak****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Generator Failure**PROBABILITY: Low****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Hazmat Incident****PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Hazmat Incident with Mass Casualties**PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Hostage Situation****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **High**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Hurricane

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: HVAC Failure

PROBABILITY: Medium

MAGNITUDE

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

MITIGATION

Preparedness: **High**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Inclement Weather

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **Medium**

Business Impact: **High**

MITIGATION

Preparedness: **Low**

Internal Response: **Low**

External Response: **Low**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Infectious Disease Outbreak

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **2**

HAZARD: Internal Fire**PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Internal Flood****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: IT System Outage**PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Medium**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Low****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Landslide****PROBABILITY: High****MAGNITUDE**Human Impact: **Medium**Property Impact: **Medium**Business Impact: **Low****MITIGATION**Preparedness: **Low**Internal Response: **NotApplicable**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Large Internal Spill

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Mass Casualty Incident

PROBABILITY: Medium

MAGNITUDE

Human Impact: **High**

Property Impact: **Medium**

Business Impact: **High**

MITIGATION

Preparedness: **Low**

Internal Response: **Low**

External Response: **Medium**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **1**

HAZARD: Natural Gas Disruption**PROBABILITY: Low****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Medium****MITIGATION**Preparedness: **Medium**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Natural Gas Failure****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Other

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:
Property Impact:
Business Impact:

MITIGATION

Preparedness:
Internal Response:
External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: 0

HAZARD: Other Utility Failure

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:
Property Impact:
Business Impact:

MITIGATION

Preparedness:
Internal Response:
External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: 0

HAZARD: Pandemic**PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**

Incidents managed outside of eICS: 1

HAZARD: Patient Surge**PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**

Incidents managed outside of eICS: 1

HAZARD: Picketing**PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Planned Power Outages****PROBABILITY: Low****MAGNITUDE**Human Impact: **Medium**Property Impact: **Medium**Business Impact: **Medium****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **NotApplicable****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Power Outage

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

MITIGATION

Preparedness: **Medium**

Internal Response: **Medium**

External Response: **Medium**

ASSOCIATED INCIDENTS

Started	Incident
Nov 07 2022 09:45	Flathead County utility failure

Incidents managed outside of eICS: **0**

HAZARD: Radiation Exposure

PROBABILITY: Low

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **Low**

MITIGATION

Preparedness: **Medium**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Seasonal Influenza

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:
Property Impact:
Business Impact:

MITIGATION

Preparedness:
Internal Response:
External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Sewer Failure

PROBABILITY: Medium

MAGNITUDE

Human Impact: **High**
Property Impact: **High**
Business Impact: **High**

MITIGATION

Preparedness: **Medium**
Internal Response: **High**
External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Shelter in Place**PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Strikes / Labor Action / Work Stoppage****PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Suicide

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **Low**

MITIGATION

Preparedness: **Medium**

Internal Response: **Medium**

External Response: **Medium**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Supply Chain Shortage / Failure

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

MITIGATION

Preparedness: **High**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **1**

HAZARD: Suspicious Odor**PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Suspicious Package / Substance****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Temperature Extremes

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **Medium**

MITIGATION

Preparedness: **High**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Tornado

PROBABILITY: NotApplicable

MAGNITUDE

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Transportation Failure

PROBABILITY: Medium

MAGNITUDE

Human Impact: **High**

Property Impact: **High**

Business Impact: **High**

MITIGATION

Preparedness: **Medium**

Internal Response: **Medium**

External Response: **Medium**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Trauma

PROBABILITY: High

MAGNITUDE

Human Impact: **High**

Property Impact: **Low**

Business Impact: **Low**

MITIGATION

Preparedness: **High**

Internal Response: **High**

External Response: **High**

ASSOCIATED INCIDENTS

There are no incidents associated

Incidents managed outside of eICS: **0**

HAZARD: Tsunami**PROBABILITY: NotApplicable****MAGNITUDE**

Human Impact:

Property Impact:

Business Impact:

MITIGATION

Preparedness:

Internal Response:

External Response:

ASSOCIATED INCIDENTS**There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: VIP Situation****PROBABILITY: High****MAGNITUDE**Human Impact: **Low**Property Impact: **Low**Business Impact: **Low****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Water Contamination**PROBABILITY: Medium****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **High**Internal Response: **High**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Water Disruption****PROBABILITY: Low****MAGNITUDE**Human Impact: **High**Property Impact: **High**Business Impact: **High****MITIGATION**Preparedness: **Low**Internal Response: **Low**External Response: **Medium****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**

HAZARD: Weapon**PROBABILITY: NotApplicable****MAGNITUDE**Human Impact:
Property Impact:
Business Impact:**MITIGATION**Preparedness:
Internal Response:
External Response:**ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0****HAZARD: Wildland Fire****PROBABILITY: High****MAGNITUDE**Human Impact: **High**
Property Impact: **High**
Business Impact: **High****MITIGATION**Preparedness: **High**
Internal Response: **High**
External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **1**

HAZARD: Workplace Violence / Threat**PROBABILITY: High****MAGNITUDE**Human Impact: **High**Property Impact: **Low**Business Impact: **High****MITIGATION**Preparedness: **Medium**Internal Response: **Medium**External Response: **High****ASSOCIATED INCIDENTS****There are no incidents associated**Incidents managed outside of eICS: **0**