

COMMUNITY EMERGENCY MANAGEMENT PLAN (CEMP)



FORT CHIPEWYAN



Contents

| | |
|--|----|
| Risk Matrix | 3 |
| Community Hazards..... | 4 |
| Early Notification | 4 |
| Community Identified Communications..... | 4 |
| Municipal Communications | 5 |
| Languages Spoken..... | 5 |
| Vulnerable Persons Registry Plan | 6 |
| Evacuation Plan Procedures | 7 |
| Emergency Social Services (ESS) | 11 |
| Community Map | 12 |



Risk Matrix

The Disaster Risk Matrix below represents the likelihood and severity of the hazards identified in the Regional Municipality of Wood Buffalo (RMWB). The arrows represent the potential influence of climate change on the risk/hazard event's likelihood.

| REGIONAL MUNICIPALITY OF WOOD BUFFALO | | 2020 RMWB Disaster Risk Matrix | | | | | Effective October 1, 2020 | |
|---|---------------|---|--|---|--|---|--|--------------|
| Risk Treatment Considerations | | | | | | | | |
| Extreme Risk | | Eliminate/Immediate Risk Treatment. These are extreme risks, unacceptably high, driven by relatively high likelihood and consequences. Immediate risk treatment required. Monitor rigorously. | | | | | | |
| High Risk | | Mitigate. These are high risks and warrant management action to reduce the likelihood or consequence of the risk. High priority risk treatment required. Monitor closely. | | | | | | |
| Moderate Risk | | Accept or Mitigate to ALARP (as low as reasonably practicable). These are moderate risks and may be relatively well understood and managed through the application of control measures or counter measures. Some risk treatment required to reduce to lower levels. May develop mitigation controls and/or contingency plans. | | | | | | |
| Low Risk | | Accept. Low risks are common place and should be monitored and accepted. Additional risk treatment not likely required. | | | | | | |
| Very Low Risk | | Accept. Risk events do not require further consideration. | | | | | | |
| Likelihood Ranking <i>Likelihood Ranking Score</i> | | | Very Low 1 | Low 2 | Moderate 3 | High 4 | Very High 5 | |
| <i>Likelihood Description</i> | | | May only occur in exceptional circumstances. Has occurred in last 20 years | May occur and has occurred in last 10 years | Has occurred once within last 5 years | Has occurred twice in last 5 years | Has occurred 3 or more times in last 5 years | |
| Severity | Catastrophic | 5 | 10+ Fatalities > 100 Displaced Major infrastructure damages Long-term economic, social, and environmental impact | Tailings Dam Dyke Failure → | | | | |
| | Major | 4 | 5 - 10 Fatalities 25 - 50 Displaced Major infrastructure damages Short-term & widespread economic, social, and environmental impact | Significant MVA Pandemic Influenza → | Major Pipeline Release | Ice Jam Flooding ? | WUI Wildfire → | |
| | Moderate | 3 | <5 Fatalities >10 Injured 10 - 25 Displaced Widespread infrastructure damages Long-term and localized economic, social, and environmental impact | | Terrorist Attack Industrial Explosion | DG Release Fort Chip Access → Water Availability ← Train Derailment Aviation Accident | Slope Instability → | |
| | Minor | 2 | 0 Fatalities <10 Injured 5 - 10 Displaced Minor infrastructure damages Short-term and localized economic, social, and environmental impact | Labour Disruption | Utilities Disruption Critical Infrastructure → Failure | Severe Winter Storm → H2S Release Major Structural Fire | Severe Summer Storm → Air Contamination | Cyber Attack |
| | Insignificant | 1 | 0 Fatalities <5 Displaced Minor infrastructure damages Minor economic, social, and environmental impact | | | | | |



Community Hazards

The table below illustrates the top 3 community specific hazards based the 2020 Disaster Risk Matrix. The colour coding represents the risk/hazard event from Extreme Risk to Very Low risk.

Top 3 Hazards


| Risk/Hazard Event | Severity | Likelihood | Climate Change Influence on Likelihood |
|---------------------------------|----------|------------|--|
| Wildfire | Major | High | Increasing |
| Community Access- Winter Road | Moderate | Moderate | Increasing |
| Critical Infrastructure Failure | Minor | Low | N/A |

Early Notification

It is critical to disseminate emergency information to residents. When possible, after the risk assessment, early notification should be given to identified vulnerable sectors allowing vulnerable populations the extra time needed to evacuate – i.e. during an evacuation alert through the Alertable app. Download the Alertable app to receive critical emergency alerts for your community.

Community Identified Communications

It is critical to disseminate emergency information to residents. The following table illustrates the best to least useful communication method identified by the community of Fort Chipewyan:

| | |
|---|--|
| BEST  LEAST USEFUL | Information Post can be established at the Municipal Office and the Archie Simpson Recreation Arena in the form of a notice board. |
| | Facebook <ul style="list-style-type: none"> • “Fort Chip Buy & Sell” (Public Group) • “Fort Chip Bulletin” (Public Group) *Information shall be shared onto community Facebook accounts from RMWB’s social media post*. |
| | Door-to-Door |
| | Call Tree |



Municipal Communications

| | |
|---------------------------------------|--|
| Municipally Led Communications | <u>Alertable App</u> Download the Alertable app to receive critical emergency alerts for your community. |
| | <u>Social Media</u> <u>Facebook:</u> <ul style="list-style-type: none">• Regional Municipality of Wood Buffalo (Page)• Wood Buffalo RURAL Community Connection (Page)• RMWB Emergency Services (Page) <u>Twitter:</u> <ul style="list-style-type: none">• @RMWoodBuffalo• @FM_EmergService <u>Municipal Website:</u> <ul style="list-style-type: none">• www.rmwb.ca * "Information shall be shared from RMWB's social media post and website*." |
| | <u>Alberta Emergency Alert</u> |
| | |

Languages Spoken

| | |
|-------------------------|--|
| Languages Spoken | Primary: English. |
| | Secondary: <ul style="list-style-type: none">• Dene, and• Cree. |



Vulnerable Persons Registry Plan

| | |
|---|--|
| <p>Vulnerable Persons Registry</p> | <p>Persons that qualify as vulnerable persons encompasses people who experience severe difficulty with:</p> <ul style="list-style-type: none"> • Mobility, vision or hearing. • Developmental/intellectual, cognitive, or mental health. • Residents who require electricity for life-sustaining equipment such as life support, oxygen, dialysis, etc. <p>For more detail on Vulnerable Persons Registry (VPR) visit Vulnerable Persons Registry - Regional Municipality of Wood Buffalo (rmwb.ca) and/or contact the RMWB VPR Coordinator through PULSE at 780-743-7000.</p> |
| <p>Procedures</p> | <ol style="list-style-type: none"> 1. VPR Coordinator communicates to the VPR registrant that they are being evacuated by an emergency responder. 2. If evacuation is required out of the community, VPR registrant will be taken to the airport for further transportation out. 3. Upon arriving in Fort McMurray, they will be transported to the Northern Lights Hospital or the designated Accommodation Facility, depending on the situation (if applicable). 4. VPR Coordinator confirms that the VPR registrant has been safely evacuated and accommodated. |
| <p>Evacuation</p> | <p>In the event an evacuation ordered is issued by local authorities, the RMWB has identified the needed resources for a bus assisted evacuation. Specific resources will be allocated based on the unique needs of the emergency incident/event.</p> |
| <p>Muster Point</p> | <p>Archie Simpson Arena</p> |

| | |
|------------------------|--|
| <p>COVID-19</p> | <p>Due to COVID-19, any registrant on the Vulnerable Persons Registry (VPR) Program will:</p> <ul style="list-style-type: none"> • Reduce bus, aircraft and boat capacities to adhere to physical distancing (6 ft.) recommendations (as applicable), • Bus drivers, pilots, boat drivers and evacuees will wear masks (unless exempt), and • Be directly transported to their destination (Accommodation Facility) skipping the Registration Centre to reduce their risk of infection and spread of the virus. |
|------------------------|--|



Evacuation Plan Procedures

| | |
|---|--|
| <p>Evacuation Plan (Bus-assisted)</p> | <p>The following evacuation plan is a bus-assisted evacuation designed for the community and not specific buildings (i.e. schools, arena's, etc.) and it is based on 40% of the population requiring evacuation assistance to the muster point (if needed).</p> <p>Total: Evacuation of 306 residents to muster point:</p> <ul style="list-style-type: none"> • Approx. 252 residents on the HAMLET (25%) • Approx. 44 residents on the DOG HEAD RESERVE (40%) • Approx. 10 residents on the ALLISON BAY RESERVE (10%) <p>Evacuation procedures, when an evacuation order is given by local authorities':</p> <ul style="list-style-type: none"> • If you have your own vehicle, follow the evacuation route outlined in the community map to the designated Registration Centre/ muster point. • If you do not have a vehicle, go to any point on "Evacuation Bus Route A" (see map) for pickup and transport to the designated Registration Centre/ muster point. • From the Registration Centre/ muster point residents will be organized for transport out of the community (if needed). |
| <p>COVID-19</p> | <p>Due to COVID-19, bus-assisted evacuation will:</p> <ul style="list-style-type: none"> • Reduce bus capacities to adhere to physical distancing (6 ft.) recommendations (as applicable), • Bus drivers and evacuees will wear masks (unless exempt), • When buses arrive at Registration Centre/muster point evacuees must remain on buses, and • Emergency Social Services (ESS) volunteers and/or staff will register evacuees through online or drive-thru registration to not create mass gathering at Registration Centre and reduce the risk of infection and spread of the virus. |
| <p>Evacuation Time to Muster Point</p> | <p>Estimated evacuation times are as follows:</p> <ul style="list-style-type: none"> • Create a traffic control plan, coordinate resources and stage resources - 1.5 hours. • Evacuate to muster point- 3 hours. • Approx. total evacuation time- 4.5 hours. |
| <p>COVID-19</p> | <p>Due to COVID-19 safety precautions, approximate evacuation times might increase.</p> |



| | |
|--|--|
| Muster Point | Archie Simpson Recreation Arena. |
| Bus Routes (see map) | Bus route: Hamlet and Reserve. |
| | Specialized bus route: As determined by specialized residents needs and locations. |
| Evacuation Routes (‘Evacuation Routes’ in this context is to the muster point) | All roads within the subdivision can be used as evacuation routes within the community – commence on McDonald Street, Cardinal Avenue, Pacquette Street, or Howard Street to the Archie Simpson Recreation Centre/Arena. |

| | |
|--|---|
| Evacuation Plan (Airplane-assisted) (Completely evacuating Fort Chip by plane will take a full day.) | <p>The following evacuation plan is for an airplane-assisted evacuation: Total: Evacuation of 306 residents to muster point:</p> <ul style="list-style-type: none"> • Approx. 252 residents on the HAMLET (25%) • Approx. 44 residents on the DOG HEAD RESERVE (40%) • Approx. 10 residents on the ALLISON BAY RESERVE (10%) <p>Procedures:</p> <ul style="list-style-type: none"> • At the muster point (Archie Simpson Recreation Arena), flight capacity will be identified, • Airport resource(s) shall organize groups of residents to be put onto buses to the airport for plane evacuation, and • When air resources arrive, they can be loaded onto a bus and taken to the airstrip by resource escort for transport out of the community. <p>*Note: Evacuees are not to go directly to the airport – they MUST go to the muster point first. *</p> |
| Evacuation Routes (‘Evacuation Routes’ in this context is to the muster point) | All roads within the subdivision can be used as evacuation routes within the community – commence on McDonald Street, Cardinal Avenue, Pacquette Street, or Howard Street to the Archie Simpson Recreation Centre/Arena. |



| | |
|-----------------|--|
| COVID-19 | <p>Due to COVID-19, airplane-assisted evacuation will:</p> <ul style="list-style-type: none"> • Reduce bus and airplane capacities to adhere to physical distancing (6 ft.) recommendations (as applicable), • Pilots, bus drivers, and evacuees will wear masks (unless exempt), • Upon arrival to Fort McMurray, evacuees will be guided to buses to be transported to Registration Centre or Accommodation Facilities, • Evacuees must remain on buses, and • Emergency Social Services (ESS) volunteers and/or staff will register evacuees through online or drive-thru registration to not create mass gathering at Registration Centre and reduce the risk of infection and spread of the virus. |
|-----------------|--|

| | |
|--|--|
| Muster Point | Archie Simpson Recreation Arena. |
| Evacuation Time (Completely evacuating Fort Chip by plane will take a full day.) | <p>Estimated evacuation times are as follows:</p> <ul style="list-style-type: none"> • Coordinate and transport further resources to the Fort Chipewyan Airport (YPY)- 3 hours. • Approx. flight time to Fort McMurray- 45 min to 1-hour (one way). • Approx. flight time to Fort Smith- 30 min (one way). |

| | |
|--|--|
| Evacuation Plan (Boat-assisted) | <p>The following evacuation plan is for a boat-assisted evacuation designed for the community and not specific buildings (i.e. schools, arena's, etc.), it is based on 40% of the population requiring evacuation assistance to the muster point.</p> <p>Total: Evacuation of 306 residents to muster point:</p> <ul style="list-style-type: none"> • Approx. 252 residents on the HAMLET (25%) • Approx. 44 residents on the DOG HEAD RESERVE (40%) • Approx. 10 residents on the ALLISON BAY RESERVE (10%) <p>Procedures:</p> <ul style="list-style-type: none"> • At muster point residents will be organized and put onto buses, • When boat carrying capacities are identified, and water resources arrive, residents will be transported to the boat launches, and • At the boat launches residents must stay on buses until directed onto designated boat for transportation out of community. <p>*Note: Evacuees are not to go directly to the boat launches – they MUST go to the muster point first. *</p> |
|--|--|



| | |
|---|--|
| EVACUATION ROUTES ('Evacuation Routes' in this context is to the muster point.) | All roads within the subdivision can be used as evacuation routes within the community – commence on McDonald Street, Cardinal Avenue, Pacquette Street, or Howard Street to the Archie Simpson Recreation Centre/Arena. |
|---|--|

| | |
|-----------------|---|
| COVID-19 | Due to COVID-19, boat-assisted evacuation will: <ul style="list-style-type: none"> • Reduce bus and boat capacities to adhere to physical distancing (6 ft.) recommendations (as applicable), • Bus drivers, boat drivers, and evacuees will wear masks (unless exempt), • Upon arrival to Fort McMurray, evacuees will be guided to buses to be transported to a Registration Centre or Accommodation Facilities, and • Emergency Social Services (ESS) volunteers and/or staff will register evacuees through online or drive-thru registration to not create mass gathering at Registration Centre and reduce the risk of infection and spread of the virus. |
|-----------------|---|

| | |
|---|--|
| Muster Point | Archie Simpson Recreation Arena. *Note: From there residents will be organized and put onto buses to the boat launches for future transport out of the community. * |
| Evacuation Time (Completely evacuating Fort Chip will take a full day.) | Estimated evacuation times are as follows: <ul style="list-style-type: none"> • Approx. time to coordinate and transport additional resources to Fort Chipewyan boat launches, and water resources for boat evacuation- 7.5 hours minimum. • Approx. travel time for each shuttle trip to the boat launches- 10-minutes minimum. • Boat to Moose Island - approx. 1.5 hours. • Boat to Fort Fitzgerald – approx. 4 hours. • Boat to Fort McMurray (Shell Landing) – approx. 6 hours. |

| | |
|-----------------|--|
| COVID-19 | Due to COVID-19 safety precautions, approximate evacuation times might increase. |
|-----------------|--|



Emergency Social Services (ESS)

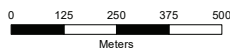
| | |
|---------------------------------|---|
| Accommodation Facilities | Establishment and locations of Accommodation Facilities will depend on the complexities of the disaster event and the location of the affected community. Emergency Social Services (ESS), has identified and made arrangements with several facilities that are suitable for use depending on the nature and location of the disaster event. See “Emergency Social Services Plan” and “Pet Care Plan” for a detailed overview of ESS operating procedures. |
|---------------------------------|---|

| Registration Centre's | | | | | |
|-----------------------|---|---------------------|---------------------|-------------------------|--------------------|
| Fort Chipewyan | Resource | Location | Registration Centre | Pre-positioned supplies | Trained Volunteers |
| | Archie Simpson Arena | N/A | YES | YES | NO |
| South Resources | | | | | |
| Fort McKay | Resource | Location | Registration Centre | Pre-positioned supplies | Trained Volunteers |
| | Fort McKay Métis Community Association Office | 36 McKay Road | YES | YES | NO |
| Fort McMurray | Resource | Location | Registration Centre | Pre-positioned supplies | Trained Volunteers |
| | MacDonald Island Rec Centre | 1 C.A. Knight Way | YES | YES | YES |
| | Frank Lacroix Arena | 155 Beaconwood Road | YES | NO | YES |
| | Royal Canadian Legion | 9317 Huggard Street | YES | NO | YES |

| | |
|-----------------|--|
| COVID-19 | Due to COVID-19 safety precautions, Emergency Social Services (ESS) volunteers and/or staff will register evacuees through online or drive-thru registration to not create mass gathering at Registration Centre and reduce the risk of infection and spread of the virus. |
|-----------------|--|



FORT CHIPEWYAN



TICK54279

Map produced by the Geographic Information Systems Group on March 12, 2021

| | | | |
|--------------------------|------------------|------------------------|--|
| Muster Point | Elder Centre | RCMP | Health Centre |
| Airport | Fire Hall | Registration Centre | Information Post |
| Ayabaskaw Home | Telus Tower | Rogers Tower | Youth and Elders Lodge |
| RES Communications Tower | Health Centre | School | Primary Evacuation Route (winter only) |
| Bell/Axia Tower | Lift Station | AFRRCS (05A-160) Tower | Evacuation Bus Route A |
| Boat Launch | Municipal Office | Wastewater Lagoon | |
| Bridge | Power Plant | Water Treatment Plant | |
| | Pump House | | |