

2020 Wildfire Preparedness Guide – Town of Hinton

Overview

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly coniferous spruce (C-2)/pine (C-3) and mixedwood (M-1) fuel types surrounding Town.Isolated pockets of coniferous and mixedwood fuel types within development areas.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Scattered structures with combustible wood-shake or old asphalt-shingle roofing materials.Many structures with combustible siding and decking materials.Structures on community perimeter and West River Road are at highest threat.
Infrastructure	<ul style="list-style-type: none">ACCESS – West River Rd is dead-end road through hazardous coniferous fuels – EXTREME CAUTION IS ADVISED.WATER SUPPLY – Urban areas are serviced with pressurized fire-hydrant supply. Rural homes on West River Road and northeast-end of Thompson Lake zone have no fire-service water supply.POWERLINES - Overhead transmission and distribution powerlines throughout.

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot
S3	East Staging 399 East River Rd.	53° 25.966’ -117° 31.829’	Mary Reimer Park parking lot

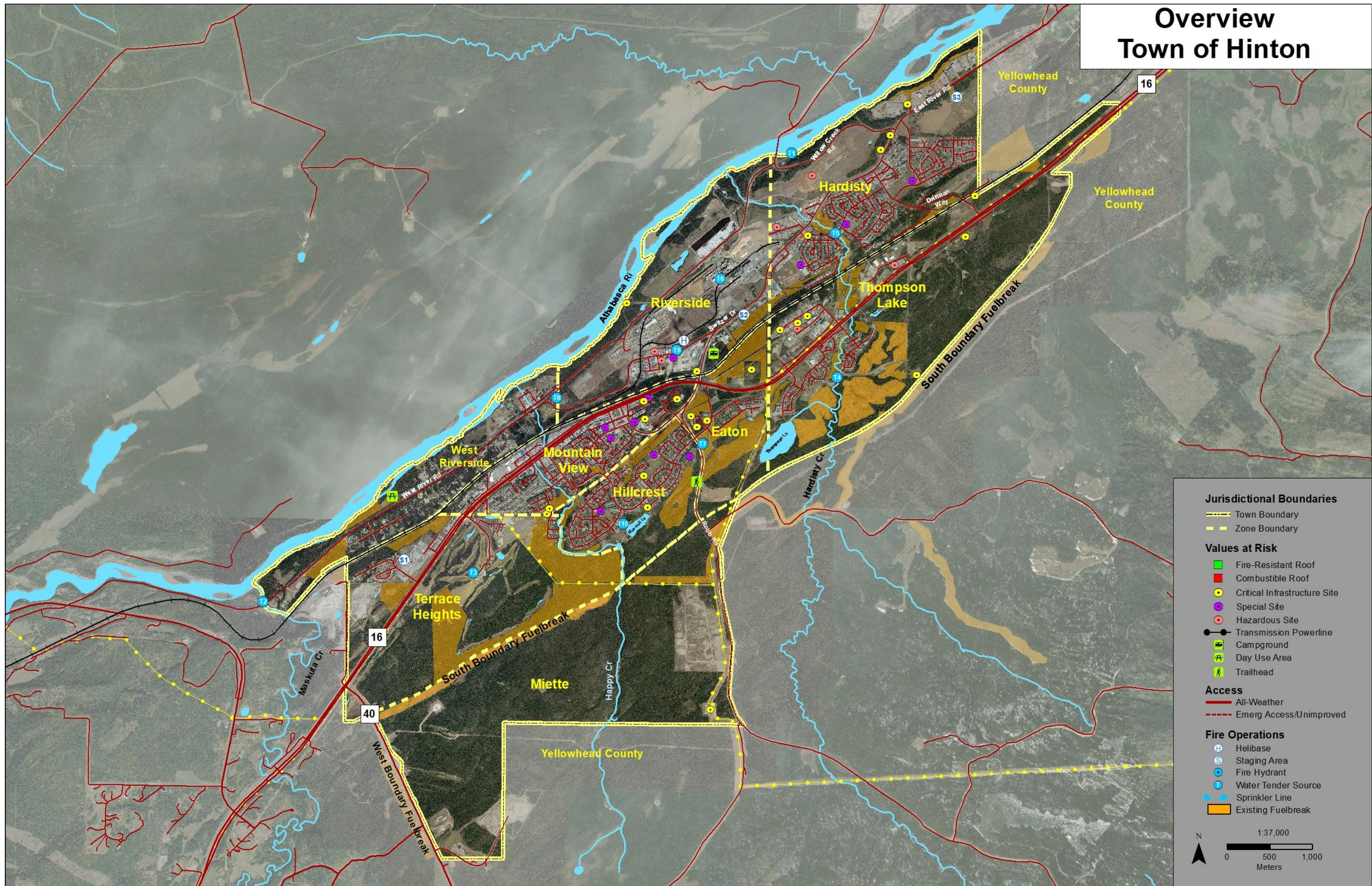
Auto-Order List (minimum resource requirements for first operational period)		
Function	Apparatus / Equipment	Personnel
Evacuation	2 – Tow Trucks	10 – Evacuation Teams (2) 10 – Roadblock Teams (2)
Structure Protection	4 – Structure Engines (T1-T2) 2 – Wildland Engines (T3-T6) 4 – Water Tenders (T1/S1) 1 – Fuel Tender (Diesel) 1 – EMS Unit 2 – Structure Protection Units (T2) 10 – Relay Tanks (2500 gal.)	
Overhead/ Support	1 – AFR RCS Mobile Radio Cache	1 – Structure Protection Specialist

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command	Provincial Mutual-Aid Fire	156.855	156.855
Tactical (to be assigned at incident)			

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T1	Athabasca River Bridge Willow Creek Rd.	53° 25.589’ 117° 33.571’	Athabasca River	Draft <3m
T2	Maskuta Creek 1060 West River Rd.	53° 22.749’ 117° 39.085’	Maskuta Creek	Draft 3-6m
T3	Hinton Golf Course 760 Keil Dr.	53° 22.945’ 117° 36.892’	Improved Pond 2 Dry Hydrants	Draft <3m
T4	Hardisty Creek 1 2940 Bradwell St.	53° 24.192’ 117° 33.071’	Hardisty Creek	Portable Pump
T5	Hardisty Creek 2 (Kinsmen Park) 250 Hardisty Ave.	53° 25.109’ 117° 33.099’	Hardisty Creek	Portable Pump
T6	Hinton Pulp Millsite 760 Switzer Dr.	53° 24.890’ 117° 33.970’	Pressurized Hi-Vol Hydrants	Positive Pressure 11,000 Lpm 700-1000 kPa
T7	Eaton 225 Eaton Rd.	53° 23.764’ 117° 34.484’	Upright Tank 79,000 L (500bbl)	Draft <3m
T8	West River Rd. 550 Kelley Rd.	53° 24.048’ 117° 36.027’	Upright Tank 79,000 L (500bbl)	Draft <3m
T9	Kelley Rd. 550 Kelley Rd.	53° 24.360’ 117° 34.780’	Overhead Fill Stn.	Positive Pressure
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations (Refer to Zone Plans for tactical details)						
Values at Risk				Structure Protection Operations		Comments
Zone Name	Number of Structures			Strategic Action(s)	Water Source	
	Total	Roof Type				
		Fire Resistant	Combustible			
West Riverside	105	103	2	Prep & Go Prep & Defend	Maskuta Cr. (T2) & Upright tank (T8)	West River Rd. is dead-end road through coniferous fuels – ENSURE ADEQUATE TIME FOR RETREAT PRIOR TO IMPINGEMENT.
Terrace Heights	146	142	4	Prep & Defend	Hydrants & Dry-Hydrant (T3)	
Miette	2	2	0	No Action	None	Infrastructure: AltaLink Cold Creek-602S substation
Hillcrest	760	742	18	Prep & Defend	Hydrants, Upright tank (T7), & Maxwell Lk (T10)	Special: St. Gregory School, Gerard Redmond School, Woodlawn Cemetery Infrastructure: Hillcrest Water Reservoir & Pumphouse, Reimer Dr. Lift Station
Eaton	84	83	1	Prep & Defend	Hydrants, Upright tank (T7), & Thompson Lk.	Infrastructure: Hinton Govt. Centre (Civic Centre/Fire Station/RCMP Detachment), Communication Tower
Thompson Lake	381	377	4	Prep & Defend – Urban Areas Prep & Go – Rural Areas	Hydrants, Hardisty Cr. 1 (T4), & Thompson Lk.	Infrastructure: Hardisty & Thompson Lake water reservoirs, SuperNet building, 3 – Communication towers Hazardous: 1 – Bulk LPG yard, 1–Bulk fuel yard
Hardisty	1207	1190	17	Prep & Defend	Hydrants, Hardisty Cr. 2 (T5), & Athabasca Ri. (T1)	Special: Pine Valley Seniors Lodge – EVACUATE EARLY, Harry Collinge High School, Crescent Valley School Infrastructure: East River Rd. lift station, East-River Rd. air-monitoring station, Telus phone exchange bldg., Communication tower Hazardous: Welding products yard, West Fraser chip pile
Riverside	58	56	2	Prep & Defend	Hydrants, Hinton Pulp Hi-Vol Hydrants (T6), Kelley Rd. Truck-Fill Stn.(T9)	Special: Hinton SPCA Animal Shelter Infrastructure: West Fraser Water Treatment Plant, Switzer Dr. Water Booster Pumphouse Hazardous – 2-Bulk Fuel Stations
Mountain View	875	865	10	Prep & Defend	Hydrants	Special: Hospital Long-Term Care Centre & Sunset Manor Seniors Apartments – EVACUATE EARLY, Historic GTP Railway House Infrastructure: Hospital, Hinton Training Centre (Reception Centre), 2-Natural Gas Regulating Stns., Telus Communication Tower

Overview Town of Hinton



2020 Wildfire Preparedness Guide – Town of Hinton
West Riverside Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly mixedwood (M-1) and coniferous spruce (C-2 & C-1) fuel types. Non-fuels on some light industrial and rural lots.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Rural and light-industrial development throughout – Primarily fire-resistant roofing materials, many with combustible siding and/or decking materials.Some properties with significant debris posing a hazard to responders if ignited.
Infrastructure	<ul style="list-style-type: none">ACCESS – Dead-end through combustible fuels.WATER SUPPLY – No hydrant-supply – ponds and creeks only.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

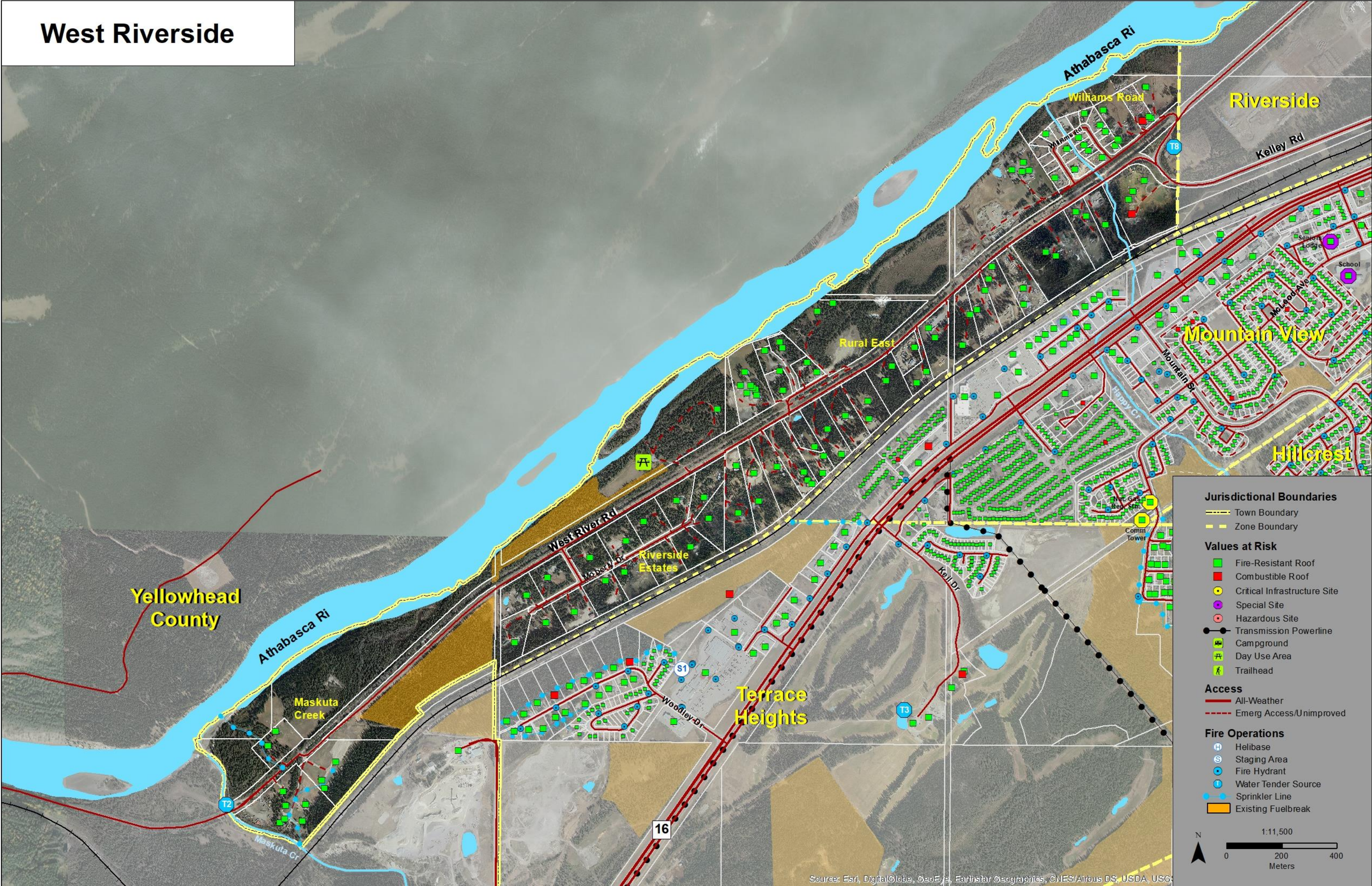
Staging Areas			
Map #	Name/Address	Lat/Long	Description
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot.

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T2	Maskuta Creek 1060 West River Rd.	53° 22.749’ 117° 39.085’	Maskuta Creek	Draft 3-6m
T8	West River Rd. 550 Kelley Rd.	53° 24.048’ 117° 36.027’	Upright Tank 79,000 L (500bbl)	Draft <3m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Maskuta Creek	11	11	0	Prep & Go	<ul style="list-style-type: none">▪ Deploy and activate Zone 2-3 perimeter sprinkler line at Maskuta Cr.▪ Sprinkler rural dwellings from relay-tanks and portable pumps.▪ Patrol for ignitions on and around structures.	Tender Fill Sites - T2 & T8 Athabasca Ri. Maskuta Cr.	West River Rd. is dead-end road through coniferous fuels – ENSURE ADEQUATE TIME FOR RETREAT PRIOR TO IMPINGEMENT.
Riverside Estates	14	14	0	Prep & Go			
Rural East	68	65	2	Prep & Go			
Williams Rd.	12	12	0	Prep & Defend			

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Maskuta Cr. North	Zone 1-2 sprinkler sets on structures (2) and Zone 2-3 perimeter line sprinkler-set from river to West Riverside Rd.	<ul style="list-style-type: none">Athabasca River and/or Maskuta Creek		20 – Sprinkler heads (700 Lpm) 360m – Supply hose 2 – Portable pumps (350 Lpm/each)
Maskuta Cr. South	Zone 1-2 sprinkler-sets on structures (9).	<ul style="list-style-type: none">Maskuta Creek		20 – Sprinkler heads (700 Lpm) 420m – Supply Hose 2 – Portable pumps (350 Lpm/each)

West Riverside



2020 Wildfire Preparedness Guide – Town of Hinton
Terrace Heights Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly mixedwood (M-1) and coniferous spruce (C-2 & C-1) fuel types to west. Vegetated non-fuels in Hinton Golf Course and urban fuels within development areas.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with scattered combustible roofs - many with combustible siding and decking materials.Wanyandi Dr. and Woodley Dr. structures are at highest threat to wildfire.
Infrastructure	<ul style="list-style-type: none">ACCESS – Wanyandi Dr. is dead-end road.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas. Dry-hydrant at Golf Course.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

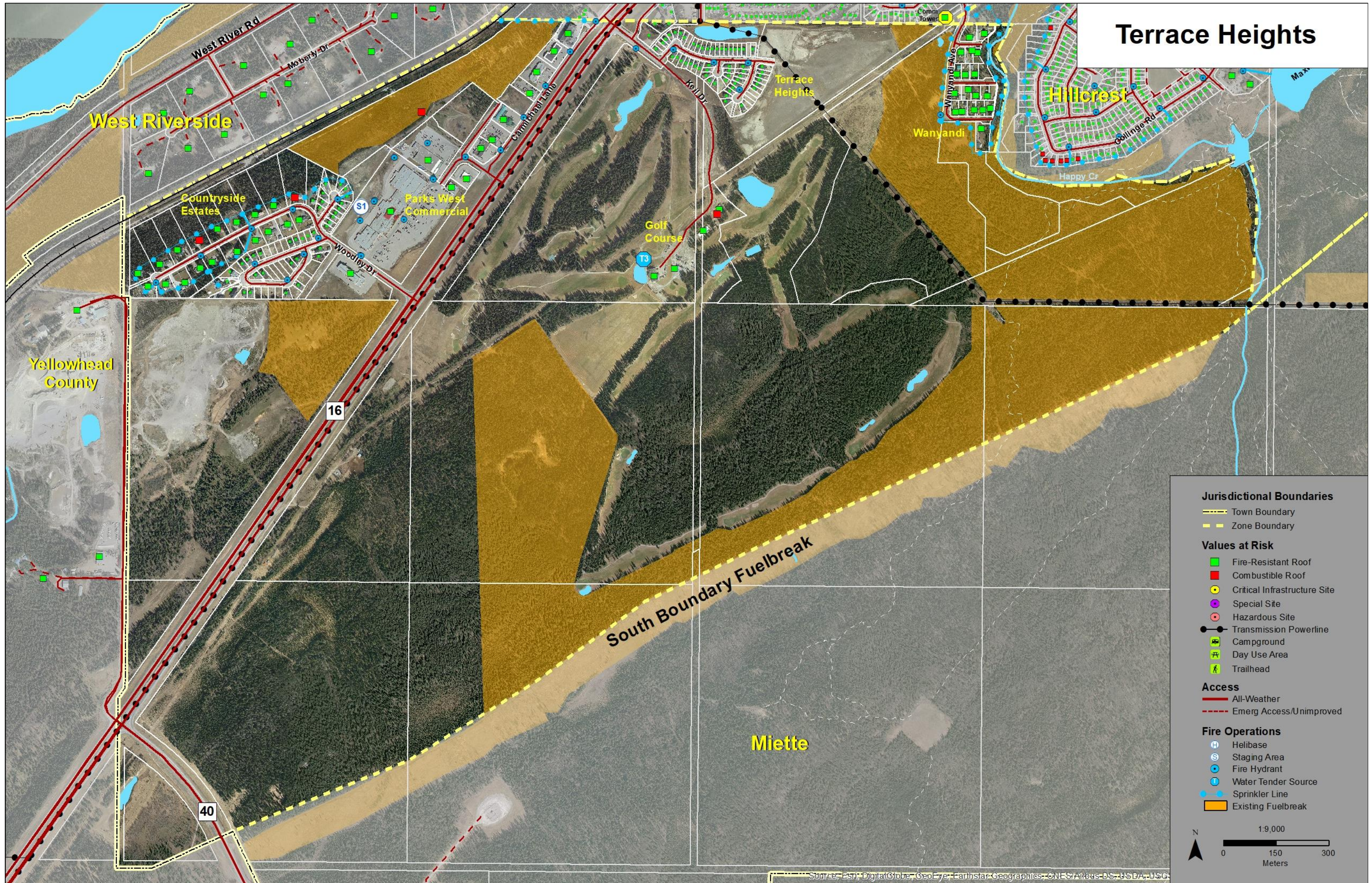
Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T3	Hinton Golf Course 760 Keil Dr.	53° 22.945’ 117° 36.892’	Improved Pond 2 Dry-Hydrants	Draft <3m
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Golf Course	5	4	1	Prep & Defend	<ul style="list-style-type: none">▪ Reinforce South and/or West Boundary fuelbreaks with heavy equipment.▪ Activate Golf Course irrigation for containment.▪ Zone 1-2 sprinkler perimeter structures in Countryside Estates (22) from hydrants.▪ Zone 2-3 perimeter sprinkler Wanyandi Dr. structures (18) with relay tanks and portable pumps.▪ Bump-and-Run with Engines.▪ Patrol for ignitions on and around structures.	Fire Hydrants Tender Fill Site - T3	Wanyandi Dr. subdivision is dead-end road through coniferous fuels – USE CAUTION with Prep & Defend.
Terrace Heights	55	55	0				
Wanyandi	18	18	0				
Countryside Estates	55	53	2				
Parks West Commercial	13	12	1				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Countryside Estates	Zone 1-2 sprinkler-set on perimeter structures (21).	<ul style="list-style-type: none">Hydrants	1435m – Supply hose 78 – Sprinkler heads (2750 Lpm)	
Wanyandi	Zone 2-3 perimeter sprinkler-set in fuelbreak surrounding structures (18).	<ul style="list-style-type: none">Relay tanks and portable pumps		4 – Upright relay tanks (64,000 L/400 bbl.) 4 – Portable pumps 1125m – Supply hose 72 – Sprinkler heads (2250 Lpm)

Terrace Heights



2020 Wildfire Preparedness Guide – Town of Hinton
Miette Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<div><div>▪</div>Predominantly mixedwood (M-1CD) with scattered mature spruce (C-2). Non-fuel (NF) and cured-grass (O-1) in Robb Road industrial park.</div> <div><div>▪</div>Predominant and strongest winds from Southwest.</div>
Structural	<div><div>▪</div>Minimal structure development – landfill and power substation. All fire-resistant roofing materials.</div> <div><div>▪</div>Minimal threat to any of the structures.</div>
Infrastructure	<div><div>▪</div>ACCESS – adequate.</div> <div><div>▪</div>WATER SUPPLY – None.</div>

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

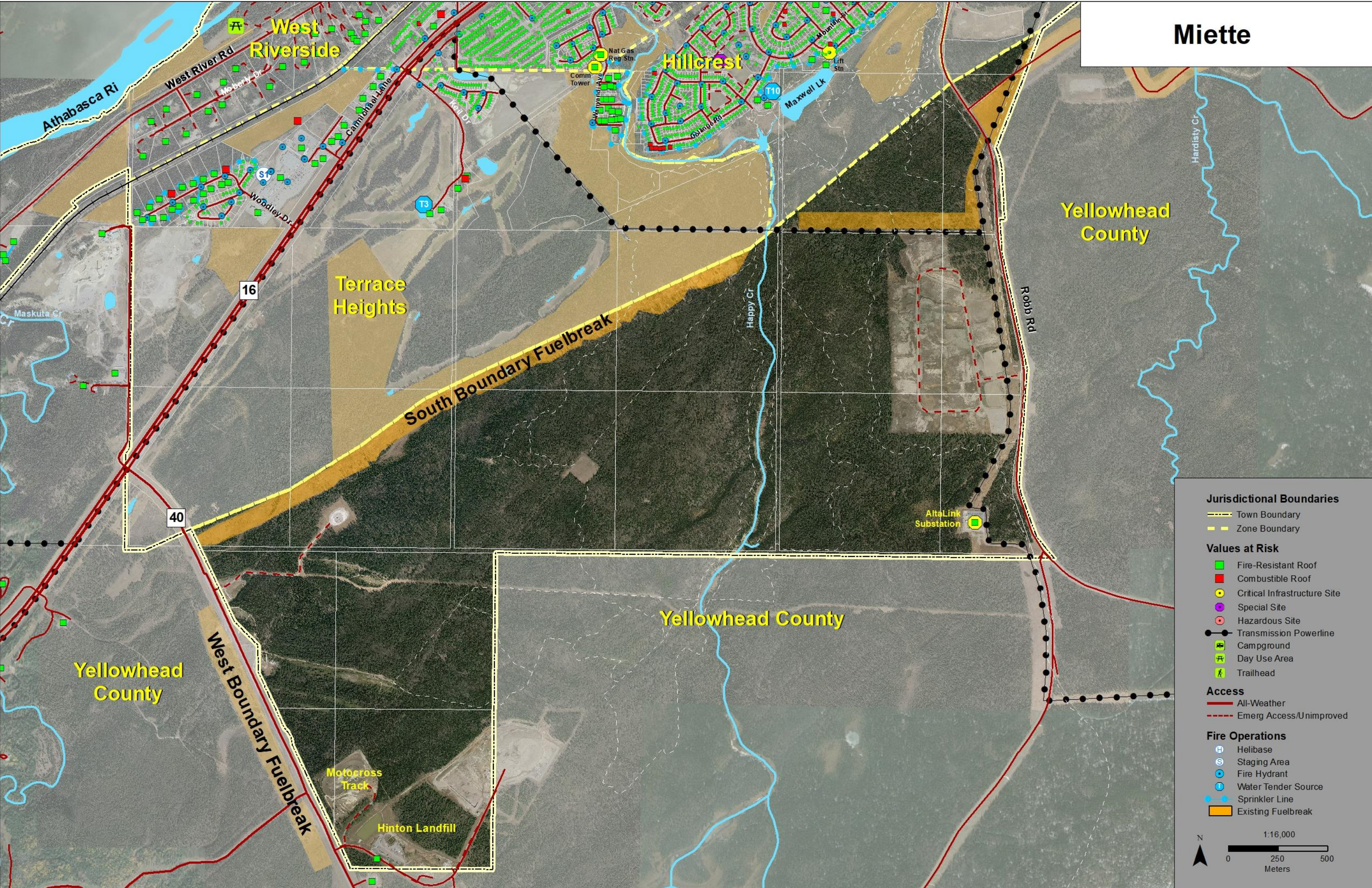
Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T3	Hinton Golf Course 760 Keil Dr.	53° 22.945’ 117° 36.892’	Improved Pond 2 Dry-Hydrants	Draft <3m
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Hinton Landfill	1	1	0	No Action	▪ All metal buildings in large fuel-free clearings.	None	Infrastructure: AltaLink Cold Creek-602S substation
AltaLink Substation	1	1	0				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
None.		<div><div>▪</div></div>		

Miette



2020 Wildfire Preparedness Guide – Town of Hinton

Hillcrest Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel within developed areas and fuel-reduced mixedwood (M-1) fuels on perimeter.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with scattered combustible roofs – many structures with combustible siding and decking materials.Highest threat structures on southeast perimeter of Zone along Collinge Rd., Reimer Dr., and Fairfax Dr.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T7	Eaton 225 Eaton Rd.	53° 23.764’ 117° 34.484’	Upright Tank 79,000 L (500 bbl.)	Draft <3m
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Collinge Road	322	315	7	Prep & Defend	<ul style="list-style-type: none">Reinforce South Boundary fuelbreak with heavy equipment.Zone 1-2 sprinkler lays from hydrants on perimeter structures at risk:<ul style="list-style-type: none">Collinge Rd./Mountain St. (62)Reimer Dr. (15)Fairfax Dr. (23)Bump-and-Run with Engines on perimeter and combustible-roof structures.	Fire Hydrants Tender Fill Sites - T10 & T7	Special: St. Gregory School Gerard Redmond School Woodlawn Cemetery Infrastructure: Hillcrest Water Reservoir & Pumphouse Reimer Dr. Lift Station
North Mountain St.	306	298	9				
South Mountain St.	132	129	2				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Collinge Rd. South	Zone 1-2 sprinkler-set on perimeter structures (23).	<ul style="list-style-type: none">Hydrants (2)	510m – Supply hose 28 – Sprinkler heads (1000 Lpm)	
Collinge Rd. West	Zone 1-2 sprinkler-set on perimeter structures (25).	<ul style="list-style-type: none">Hydrants (3)	715m – Supply hose 38 – Sprinkler heads (1350 Lpm)	
Collinge/Mountain	Zone 1-2 sprinkler-set on perimeter structures (22).	<ul style="list-style-type: none">Hydrants (3) or Pumps (2) from Maxwell Lake	675m – Supply hose 35 – Sprinkler heads (1225 Lpm)	2 – Pumps – 650 Lpm each 720m – Supply hose 35 – Sprinkler heads (1225 Lpm)
Reimer Drive	Zone 1-2 sprinkler-set on perimeter structures (11).	<ul style="list-style-type: none">Hydrants (2) or Pump (1) from Maxwell Lake	360m – Supply hose 18 – Sprinkler heads (650 Lpm)	1 – Pump – 650 Lpm 330m – Supply hose 18 – Sprinkler heads (650 Lpm)
Fairfax Drive	Zone 1-2 sprinkler-set on perimeter structures (22).	<ul style="list-style-type: none">Hydrants (3)	615m – Supply hose 31 – Sprinkler heads (1100 Lpm)	

Hillcrest



2020 Wildfire Preparedness Guide – Town of Hinton
Eaton Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel within developed areas and fuel-reduced mixedwood (M-1) fuels on perimeter.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with one combustible roof structure – many structures with combustible siding and decking materials.Highest threat structures on north side of Eaton Dr.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T6	Hinton Pulp Millsite 760 Switzer Dr.	53° 24.890’ 117° 33.970’	Pressurized Hi-Vol Hydrants	Positive Pressure 11,000 Lpm 700-1000 kPa
T7	Eaton 225 Eaton Rd.	53° 23.764’ 117° 34.484’	Upright Tank 79,000 L (500 bbl.)	Draft <3m
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Civic Centre	3	3	0	Prep & Defend	<ul style="list-style-type: none">Reinforce South Boundary fuelbreak with heavy equipment.Sprinkler perimeter structures at risk from hydrants:<ul style="list-style-type: none">North Eaton Dr. (17)Berry Place (2)Bump-and-Run on Civic Centre structures at risk and Eaton/Eaton Ridge perimeter and internal structures.	Fire Hydrants Tender Fill Site - T7 Pond (Berry Pl.)	Infrastructure: Hinton Govt. Centre (Civic Centre/Fire Station/RCMP Detachment) 1-Communication Tower
North Eaton Dr./Muldoon	60	59	1				
Cres.	20	20	0				
South Eaton Dr./Mason Crt.	1	1	0				
North Hwy16							

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
North Eaton Drive	Zone 1-2 sprinkler-set on perimeter structures (17).	<ul style="list-style-type: none">Hydrants (2)	435m – Supply hose 20 – Sprinkler heads (700 Lpm)	
South Eaton Drive	Zone 2-3 perimeter sprinkler-set in fuel-reduced area.	<ul style="list-style-type: none">Eaton Tank (T7) and Pond (Berry Pl)		2 – Pumps – 1000 Lpm each 825m – Supply hose 55 – Sprinkler heads (1925 Lpm)

Eaton

Riverside

Thompson Lake

Thompson Lk

Yellowhead County

Mountain View

Hillcrest



Jurisdictional Boundaries

- Town Boundary
- Zone Boundary

Values at Risk

- Fire-Resistant Roof
- Combustible Roof
- Critical Infrastructure Site
- Special Site
- Hazardous Site
- Transmission Powerline
- Campground
- Day Use Area
- Trailhead

Access

- All-Weather
- Emerg Access/Unimproved

Fire Operations

- Helibase
- Staging Area
- Fire Hydrant
- Water Tender Source
- Sprinkler Line
- Existing Fuelbreak

1:6,000

0 100 200 Meters

N

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

2020 Wildfire Preparedness Guide – Town of Hinton

Thompson Lake Zone

Risk Assessment	
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Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel within developed areas and fuel-reduced mixedwood (M-1) or cured-grass (O-1) fuels on perimeter.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with one combustible roof structure – many structures with combustible siding and decking materials.Highest threat structures on north side of Eaton Dr.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
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Tactical			

Staging Areas			
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T6	Hinton Pulp Millsite 760 Switzer Dr.	53° 24.890’ 117° 33.970’	Pressurized Hi-Vol Hydrants	Positive Pressure 11,000 Lpm 700-1000 kPa
T7	Eaton 225 Eaton Rd.	53° 23.764’ 117° 34.484’	Upright Tank 79,000 L (500 bbl.)	Draft <3m
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Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Thompson Lake	298	293	3	Prep & Defend	<ul style="list-style-type: none">▪ Reinforce South Boundary fuelbreak with heavy equipment.▪ Mechanical fuel removal south-side of Thompson Lk Reservoir.▪ Sprinkler perimeter structures at risk from hydrants and/or Thompson Lk:<ul style="list-style-type: none">○ Bradwell St./Sitar Cres. (33)○ Bradwell St./Appleyard Cove (17)○ Tocher Ave. (23)○ McArdell Dr. (26)○ Gitzel/Huisman/Marciszin (19)▪ Sprinkler rural dwellings (5) from pumpkins and portable pumps.▪ Bump-and-Run on residential, light industrial, and rural structures.	Fire Hydrants Thompson Lake	Infrastructure: 2 - Water reservoirs 1 - SuperNet building 3 – Communication towers Hazardous: 1 – Bulk LPG yard 1 – Bulk fuel yard
Felaber Road Light Industrial	55	54	1	Prep & Defend			
Innovista Eco-Industrial Park	9	9	0	Prep & Defend			
East Rural	19	19	0	Prep & Go			

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Bradwell/Sitar	Zone 1-2 sprinkler-set on perimeter structures (33) and Zone 2-3 perimeter sprinkler line set across Hardisty Creek reserve.	<ul style="list-style-type: none">Hydrants and/or Pumps from Hardisty Creek	1290m – Supply hose 66 – Sprinkler heads (2350 Lpm)	Pump(s) – minimum 625 Lpm 735m – Supply hose 41 – Sprinkler heads (625 Lpm)
Appleyard Cove	Zone 1-2 sprinkler-set on perimeter structures (11).	<ul style="list-style-type: none">Hydrants or Pumps from Hardisty Creek	435m – Supply hose 21 – Sprinkler heads (750 Lpm)	Pump(s) – minimum 750 Lpm 315m – Supply hose 21 – Sprinkler heads (750 Lpm)
Tocher Ave.	Zone 1-2 sprinkler-set on perimeter structures (22).	<ul style="list-style-type: none">Hydrants or Pumps from Thompson Lake	540m – Supply hose 30 – Sprinkler heads (1050 Lpm)	Pump(s) – minimum 1100 Lpm 765m – Supply hose 30 – Sprinkler heads (1050 Lpm)
McArdell Dr.	Zone 1-2 sprinkler-set on perimeter structures (26).	<ul style="list-style-type: none">Hydrants or Pumps from Thompson Lake	750m – Supply hose 40 – Sprinkler heads (1400 Lpm)	Pump(s) – minimum 1400 Lpm 825m – Supply hose 40 – Sprinkler heads (1400 Lpm)

Thompson Lake

Yellowhead County

East Rural

East Rural

Yellowhead County

Jurisdictional Boundaries

- Town Boundary
- Zone Boundary

Values at Risk

- Fire-Resistant Roof
- Combustible Roof
- Critical Infrastructure Site
- Special Site
- Hazardous Site
- Transmission Powerline
- Campground
- Day Use Area
- Trailhead

Access

- All-Weather
- Emerg Access/Unimproved

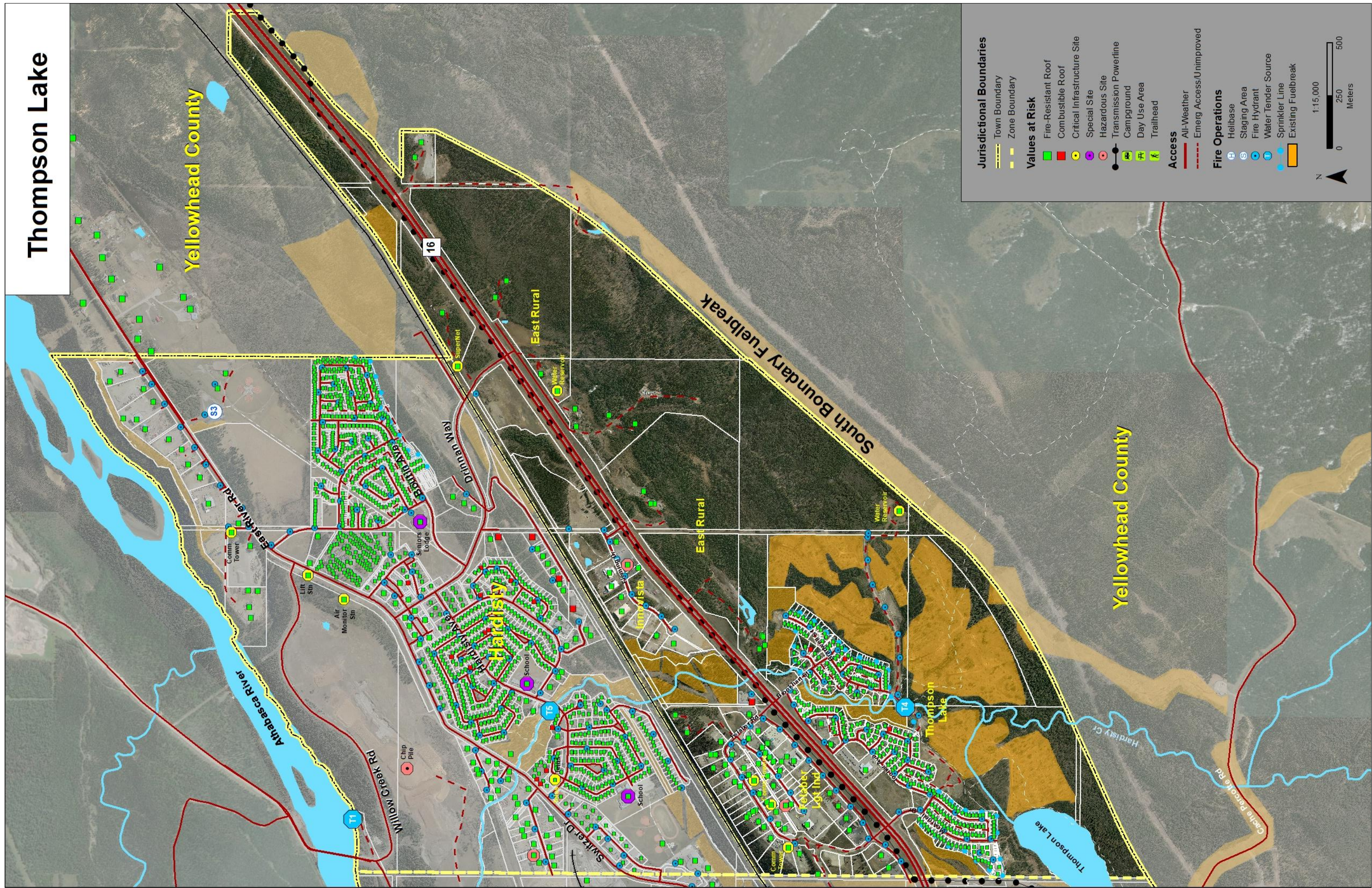
Fire Operations

- Helibase
- Staging Area
- Fire Hydrant
- Water Tender Source
- Sprinkler Line
- Existing Fuelbreak

1:15,000

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2020 Wildfire Preparedness Guide – Town of Hinton

Hardisty Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel within developed areas and fuel-reduced mixedwood (M-1DC) fuels on south perimeter.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with scattered combustible roofs – many structures with combustible siding and decking materials.Highest threat structures on south perimeter of Zone.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot
S3	East Staging 399 East River Rd.	53° 25.966’ -117° 31.829’	Mary Reimer Park parking lot

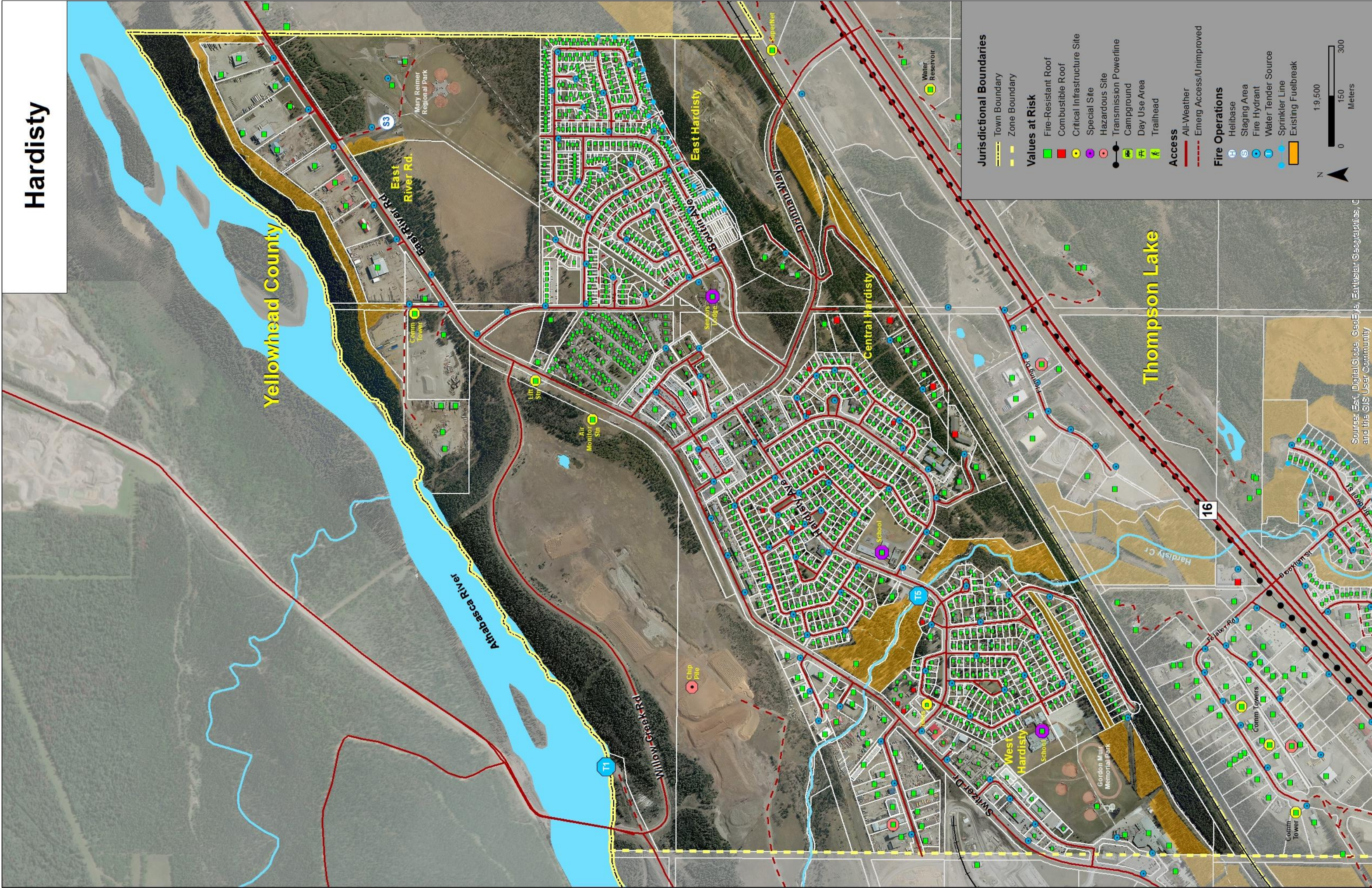
Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T1	Athabasca River Bridge Willow Creek Rd.	53° 25.589’ 117° 33.571’	Athabasca River	Draft <3m
T5	Hardisty Creek 2 (Kinsmen Park) 250 Hardisty Ave.	53° 25.109’ 117° 33.099’	Hardisty Creek	Portable Pump
T6	Hinton Pulp Millsite 760 Switzer Dr.	53° 24.890’ 117° 33.970’	Pressurized Hi-Vol Hydrants	Positive Pressure 11,000 Lpm 700-1000 kPa

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
East River Road	21	21	0	Prep & Defend	<ul style="list-style-type: none">▪ Patrol for ember ignitions in West Fraser chip piles.▪ Sprinkler perimeter structures at risk from hydrants:<ul style="list-style-type: none">○ Boutin Ave (31)○ Hannington Rd (3)○ Drinnan Rd/Makal Dr (10)○ Hallam Dr (19)▪ Bump-and-Run with Engines on perimeter structures.	Fire Hydrants Tender Fill Sites – T1, T5, & T6	Special: Pine Valley Seniors Lodge – EVACUATE EARLY Harry Collinge High School Crescent Valley School Infrastructure: East River Rd. lift station East-River Rd. air-monitoring station Telus phone exchange bldg Communication tower Hazardous: Welding products yard West Fraser chip pile
East Hardisty	549	548	1				
Central Hardisty	398	398	12				
West Hardistry	239	239	4				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Skogg Ave.	Zone 1-2 sprinkler-set on perimeter structures (24).	<ul style="list-style-type: none">Hydrants (3)	525m – Supply hose 25 – Sprinkler heads (875 Lpm)	
Boutin Ave.	Zone 1-2 sprinkler-set on perimeter structures (20).	<ul style="list-style-type: none">Hydrants (3)	585m – Supply hose 27 – Sprinkler heads (950 Lpm)	

An aerial photograph of a landscape, likely a coastal or estuarine area. The image is oriented vertically. The top portion shows a light-colored, possibly sandy or silty area with some structures and a red line running diagonally across it. The bottom portion shows a darker, more vegetated area with a prominent, winding path or road. The red line extends from the top left towards the center of the image.

Hardisty



2020 Wildfire Preparedness Guide – Town of Hinton
Riverside Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel and non-fuel (NF) within developed areas. Fuel-reduced mixedwood (M-1DC) fuels on south perimeter and mature spruce (C-2) on north perimeter along Athabasca River.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with two combustible roof structures in Kelley Rd light industrial area.Low threat of wildfire to structures.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot
S3	East Staging 399 East River Rd.	53° 25.966’ -117° 31.829’	Mary Reimer Park parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T6	Hinton Pulp Millsite 760 Switzer Dr.	53° 24.890’ 117° 33.970’	Pressurized Hi-Vol Hydrants	Positive Pressure 11,000 Lpm 700-1000 kPa
T8	West River Rd. 550 Kelley Rd.	53° 24.048’ 117° 36.027’	Upright Tank 79,000 L (500bbl)	Draft <3m
T9	Kelley Rd. 550 Kelley Rd.	53° 24.360’ 117° 34.780’	Overhead Fill Stn.	Positive Pressure

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Kelley Road	37	35	2	Prep & Defend	<ul style="list-style-type: none">Patrol for ember ignitions in West Fraser log decks, and lumber piles.Bump-and-Run and Anchor and Hold on values at risk.	Fire Hydrants Tender Fill Sites – T6, T8, & T9	Special: Hinton SPCA Animal Shelter Infrastructure: West Fraser Water Treatment Plant Switzer Dr. Water Booster Pumphouse Hazardous: 2 - Bulk Fuel Stations (Kelley Rd)
Switzer Drive	9	9	0				
West Fraser Millyard	12	12	0				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
None		<ul style="list-style-type: none">		

Riverside



2020 Wildfire Preparedness Guide – Town of Hinton
Mountain View Zone

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none">Predominantly urban non-fuel and fuel-reduced mixedwood (M-1DC) within developed areas.Predominant and strongest winds from Southwest.
Structural	<ul style="list-style-type: none">Predominantly fire-resistant roofing materials with scattered combustible roof structures. Many structures with combustible siding and decking materials.Low threat of wildfire to structures. Highest threat is to structures in Johnsons trailer court.
Infrastructure	<ul style="list-style-type: none">ACCESS – Adequate.WATER SUPPLY – Pressurized fire-hydrant supply in developed areas.

Mutual-Aid Communications			
Type	Channel Name	Receive (MHz)	Transmit (MHz)
Command			
Tactical			

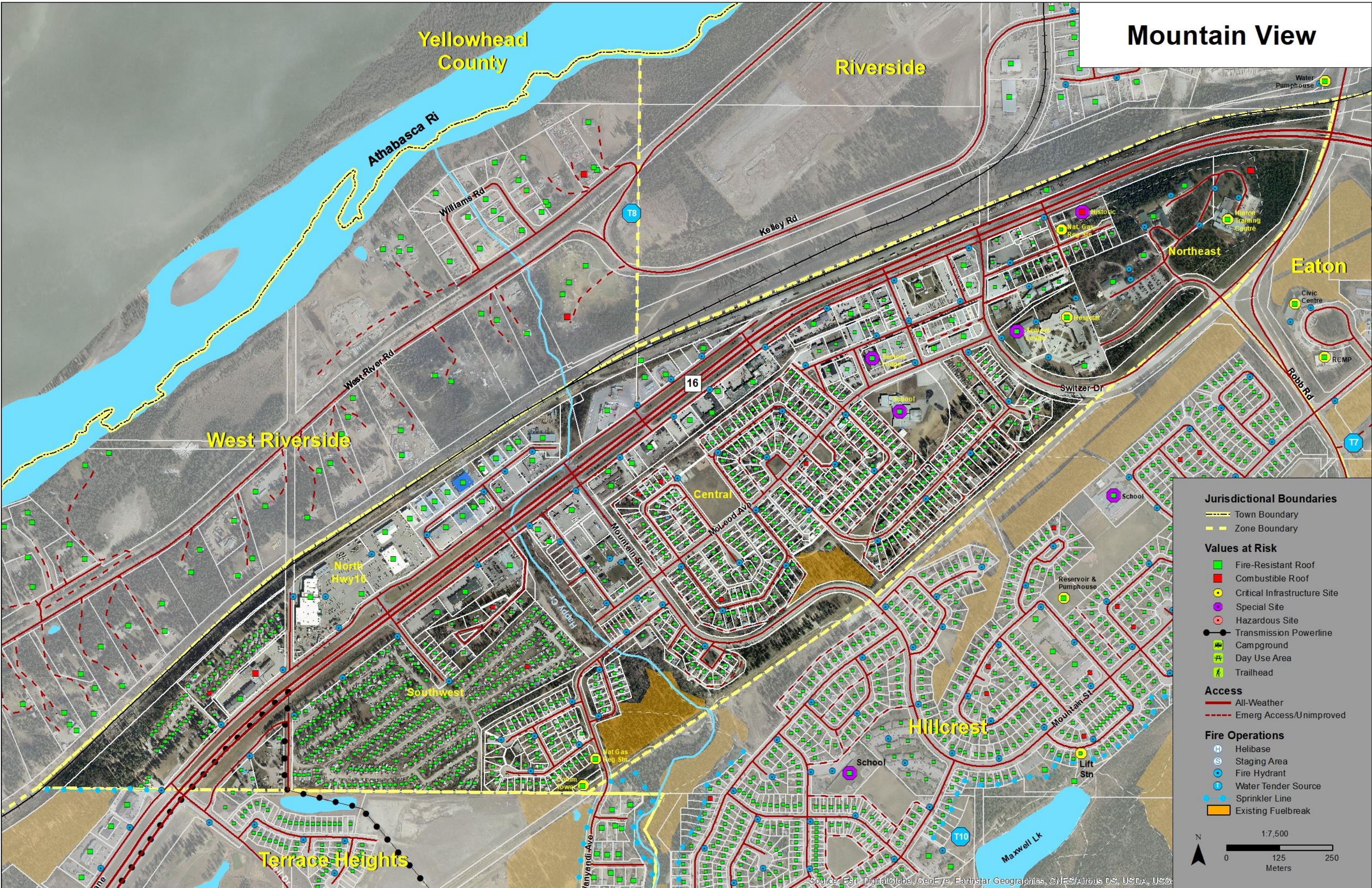
Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	West Staging 900 Carmichael Lane	53° 23.003’ -117° 37.622’	Parks West Mall parking lot
S2	Central Staging 837 Switzer Dr.	53° 24.637’ -117° 33.933’	Curling Rink parking lot

Water Supply				
Map ID	Name	Lat/Long	Type	Delivery Method
Town Fire Hydrant Connections: 2-65mm AMA/BAT thread and 1-4.85” NH				
T7	Eaton 225 Eaton Rd.	53° 23.764’ 117° 34.484’	Upright Tank 79,000 L (500bbl)	Draft <3m
T10	Maxwell Lake 422 Collinge Rd.	53° 23.237’ 117° 35.291’	Maxwell Lk.	Draft 3-6m

Values at Risk/Fire Operations							
Values at Risk				Structure Protection Operations			Comments
Value Name	Number of Structures			Strategic Action(s)	Tactics	Water Source	
	Total	Roof Type					
		Fire-Resistant	Combustible				
Northeast	33	31	2	Prep & Defend	<ul style="list-style-type: none">▪ Deploy and activate Johnsons Z2-3 perimeter sprinkler line.▪ Patrol combustible roof structures.▪ Bump and Run for ember ignitions on/around structures.	Fire Hydrants Tender Fill Sites – T7 & T10	Special: Hospital Long-Term Care Centre – EVACUATE EARLY Sunset Manor Seniors Apartments – EVACUATE EARLY Historic GTP Railway House Infrastructure: Hospital Hinton Training Centre (ESS Reception Centre) 2-Natural Gas Regulating Stns. Telus Communication Tower
Central	364	360	4				
Southwest	390	388	2				
North Hwy16	88	86	2				

Sprinkler Strategies				
Name	Strategy	Water Supply	Minimum Equipment Requirements	
			Hydrant- Lay	Pump-Lay
Johnsons	Zone 2-3 perimeter line sprinkler-set in fuelbreak.	<ul style="list-style-type: none">Hydrant	20 – Sprinkler heads (700 Lpm) 300m – Supply hose	

Mountain View



Jurisdictional Boundaries

- Town Boundary
- Zone Boundary

Values at Risk

- Fire-Resistant Roof
- Combustible Roof
- Critical Infrastructure Site
- Special Site
- Hazardous Site
- Transmission Powerline
- Campground
- Day Use Area
- Trailhead

Access

- All-Weather
- Emerg Access/Unimproved

Fire Operations

- Helibase
- Staging Area
- Fire Hydrant
- Water Tender Source
- Sprinkler Line
- Existing Fuelbreak

