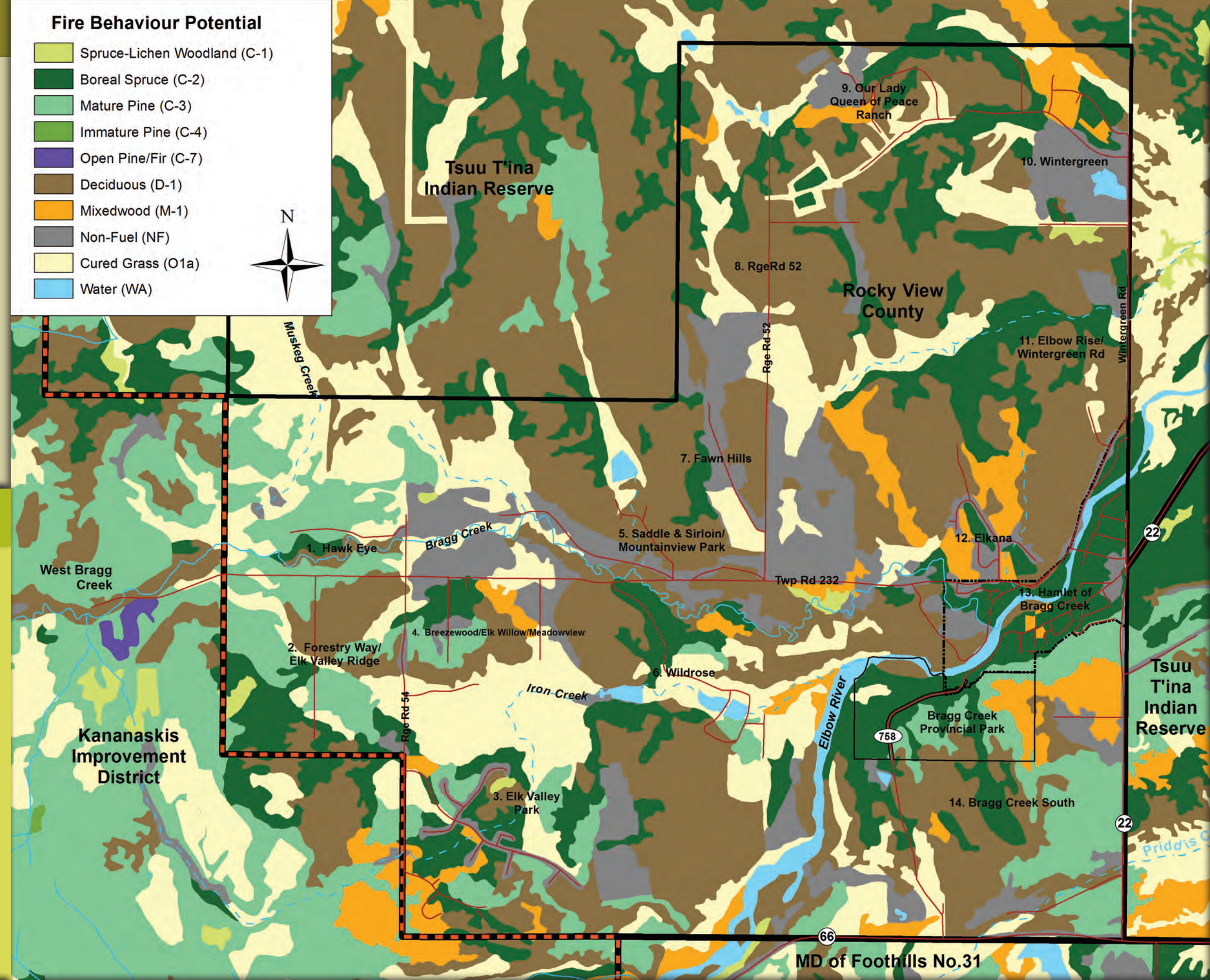


GREATER BRAGG CREEK WILDFIRE PREPAREDNESS GUIDE

RISK ASSESSMENT

Feature	Item
Wildland Fire Behavior	<ul style="list-style-type: none"> Spruce (C-2), pine (C-3), mixedwood (M-1/M-2), deciduous, and cured grass (O1) fuel types throughout the area Hamlet of Bragg Creek in dense spruce (C-2) fuels Predominant and strongest winds from Southwest and West
Structural	<ul style="list-style-type: none"> Scattered dwellings with combustible roofing materials Most dwellings with combustible siding materials Most dwellings have inadequate Zone 1 defensible space
Infrastructure	<ul style="list-style-type: none"> Many rural homes with long, steep, and/or narrow access roads – SCOUT ALL ACCESS PRIOR TO COMMITTING APPARATUS Many rural homes with locked gates Draft water supply only – No pressurized fire-hydrant supply At-risk overhead fuel tanks and propane tanks on scattered rural properties Overhead powerlines throughout area



COMMUNICATIONS

COMMAND FREQUENCY(S)				
Type	Channel Name	Tone (Hz)	Receive (MHz)	Transmit (MHz)
Rocky View County Fire	Stn 120 Redwood R1	151.4	413.8375	418.8375
AB Wildfire Mgmt. Mutual-Aid	FireNet 202 (Moose)	162.2	152.495	157.755
	Provincial Mutual-Aid Fire	N/A	156.855	156.855
TACTICAL FREQUENCY(S)				
Type	Channel Name	Tone (Hz)	Receive (MHz)	Transmit (MHz)
Evacuation	TBD at fire			
Structure Protection	TBD at fire			
Wildfire	TBD at fire			

AUTO ORDER LIST

Note: This list is for minimum resource requirements in the **first operational period** and is based on probable fire spread/behavior and anticipated values at risk. More and/or specialized resources may be required and should be requested immediately if warranted.

Function	Apparatus/Equipment	Manpower
Evacuation		10 - Enforcement Personnel (RCMP/CPO's)
Structure Protection	4 - Structural Engines (T1-T2) 4 - Wildland Engines (T3-T6) 4 - Water Tenders (T1, S1-S2) 1 - Sprinkler Trailer (30 homes) 10 - Relay Tanks (2500 gal)	4 - Structure/Site Prep Crews (4 persons each)
Wildfire	2 - Medium Helicopters (T2) c/w bucket 2 - Intermediate Helicopters (T3) c/w bucket 2 - Air Tanker Groups 2 - Dozer Units	3 - Fire Crews (T1)

WATER TENDER SUPPLY

Map #	Name	Lat/Long	Type	Delivery Method
T1	Rge Rd 54	50° 57.209' 114° 39.159'	Creek	Draft 3-6m
T2	Old Bridge	50° 57.282' 114° 38.659'	Creek	Draft >6m
T3	Twp R. 232	50° 57.025' 114° 37.338'	Creek	Draft 3-6m
T4	Mountainview Park	50° 57.149' 114° 36.631'	Underground Tank	Draft 3-6m
T5	Fawn Hills	50° 57.668' 114° 36.696'	Underground Tank 25,000 lgal	Draft 3-6m
T6	Wildrose Estates	50° 56.404' 114° 36.683'	Dry Hydrant	Draft <3m
T7	Wildrose Estates	50° 56.364' 114° 36.528'	Dry Hydrant	Draft <3m
T8	Bracken Road	50° 56.817' 114° 34.658'	Creek	Draft 3-6m
T9	Bragg Creek Water Treatment Plant	50° 57.421' 114° 33.624'	OH Fill Station 130,000 lgal	Pressurized
T10	Hwy 758	50° 55.411' 114° 35.276'	Pond	Draft 3-6m
T11	Highland Ranch	50° 55.358' 114° 36.275'	Pond	Draft 3-6m
T12	Wintergreen	50° 58.944' 114° 33.644'	Pond & Pumphouse	Draft 3-6m
T13	Our Lady Queen of Peace Ranch	50° 59.582' 114° 35.703'	Pond	Draft <3m
T14	Our Lady Queen of Peace Ranch	50° 59.497' 114° 35.859'	Dry Hydrant	Draft <3m
T15	Rge Rd 52	50° 59.272' 114° 36.520'	Pond	Draft 3-6m
H1	Banded Peak School 230257 Hwy 22	50° 56.063' 114° 33.743'	2 - Draft Hydrants 16,000 lgal Cistern	Draft <3m
H2	Wintergreen Twp Rd 234	50° 58.895' 114° 34.269'	3 - Hydrants	Low Pressure (Not Fire Rated)

STAGING AREAS

Map #	Name	Lat/Long	Location
S1	Banded Peak	50° 56.063' 114° 33.743'	Banded Peak School Parking Lot – 230257 Hwy 22
S2	West Bragg	50° 57.041' 114° 35.839'	Field on north-side of Twp Rd 232 - 51142 Twp Rd 232
S3	Wintergreen	50° 58.895' 114° 34.269'	Golf Course Parking Lot - 50112 Twp Rd 234

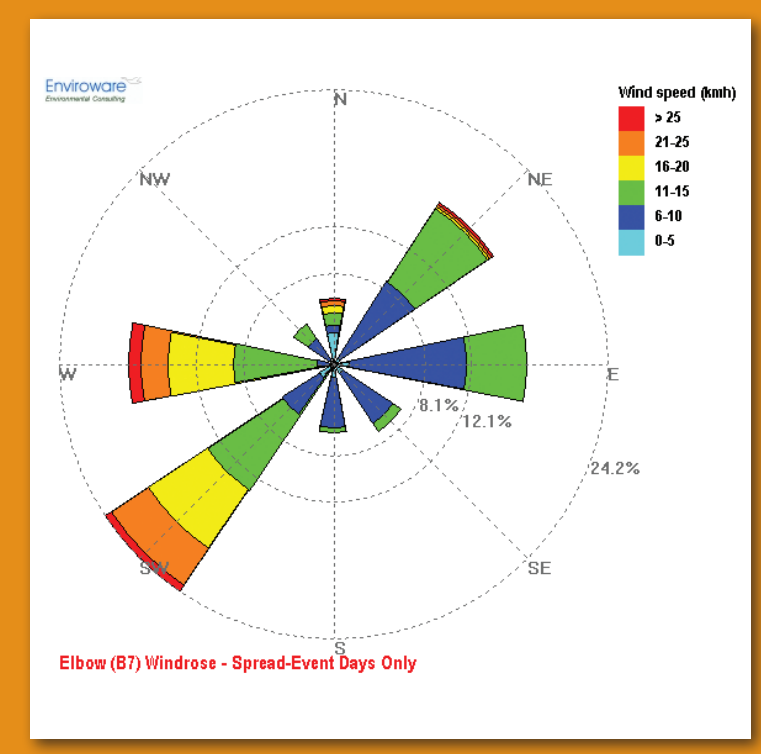
SAFE REFUGE AREAS

Map#	Name	Lat/Long	Location
SR1	West Bragg	50° 57.099' 114° 38.560'	Pasture on north-side of Twp Rd 232 - 53154 Twp Rd 232
SR2	Wintergreen	50° 59.068' 114° 33.675'	Wintergreen Golf Course fairway - Wintergreen Rd and Mountain Lion Drive
SR3	Elk Valley	50° 55.598' 114° 37.513'	Hay field - USE CAUTION DURING CURED GRASS CONDITIONS. Locked gate at end of Elk Valley Drive to access Safe Refuge Area

VALUES AT RISK/FIRE OPERATIONS

Map #	Value Name	Value Type(s)	VALUES AT RISK			FIRE OPERATIONS				COMMENTS	
			Lat/Long	No. of People Onsite	Number of Structures		Strategy(s)	Tactic(s)	Water Source		
					Total	Non-Comb					Combustible
1	Hawk Eye	Dwellings	50° 57.253' 114° 39.614'	50 - 75	29	27	2	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from creeks/ponds and/or relay tanks Post-impingement patrol for spot fires 	Bragg Creek Dugouts/Ponds	
2	Forestry Way/Elk Valley Ridge	Dwellings	50° 56.680' 114° 39.859'	100 - 125	58	54	4	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from ponds and/or relay tanks Post-impingement patrol for spot fires Sprinkler structures from relay tanks Post-impingement patrol for spot fires 	Dugouts/Ponds	
3	Elk Valley Park	Dwellings	50° 55.624' 114° 38.572'	150 - 200	88	71	17	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from relay tanks Post-impingement patrol for spot fires 	None	Fuels reduction within community
4	Breezewood/Elk Willow/Meadowview	Dwellings	50° 56.481' 114° 38.825'	75 - 100	55	50	5	Retreat & Return & Protect Onsite	<ul style="list-style-type: none"> Sprinkler structures from ponds and/or relay tanks Patrol with Engines for spot fires Post-impingement patrol for spot fires 	Ponds	
5	Saddle & Sirlain/Mountainview Park	Dwellings	50° 57.221' 114° 37.753'	50 - 75	44	38	6	Protect Onsite & Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from creeks/ponds and/or relay tanks Patrol with Engines for spot fires Post-impingement patrol for spot fires 	Bragg Creek Ponds UG Tank	<ul style="list-style-type: none"> Infrastructure: <ul style="list-style-type: none"> Atco Gas Regulating Station
6	Wildrose	Dwellings	50° 56.574' 114° 37.118'	100 - 125	64	49	15	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from creeks/ponds and/or relay tanks Post-impingement patrol for spot fires 	Bragg Creek Ponds Dry Hydrant	
7	Fawn Hills	Dwellings	50° 57.618' 114° 36.718'	25 - 50	23	23	0	Protect Onsite	<ul style="list-style-type: none"> Patrol with Engines for spot fires 	Ponds UG Tank	
8	Rge Rd 52 North	Dwellings	50° 58.781' 114° 36.364'	<25	9	8	1	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from creeks/ponds and/or relay tanks Post-impingement patrol for spot fires 	Ponds	
9	Our Lady Queen of Peace Ranch	Youth Camp	50° 59.415' 114° 35.560'	400 - 500	7	6	1	Protect Onsite	<ul style="list-style-type: none"> Youth Camp - Evacuate campers early Activate site irrigation system Sprinkler structures from ponds and/or relay tanks Patrol with Engines for spot fires 	Hydrant Lake/Ponds	Fuels reduction throughout site
10	Wintergreen	Dwellings	50° 59.411' 114° 34.216'	150 - 200	89	69	20	Protect Onsite	<ul style="list-style-type: none"> Sprinkler structures from ponds and/or relay tanks Patrol with Engines for spot fires 	Ponds	<ul style="list-style-type: none"> Fuels reduction within Wintergreen Estates Proposed multi-lot (200+) CR subdivision
11	Elbow Rise/Wintergreen Rd.	Dwellings	50° 58.511' 114° 33.668'	25 - 50	22	18	4	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from relay tanks Post-impingement patrol for spot fires 	None	<ul style="list-style-type: none"> Infrastructure: <ul style="list-style-type: none"> Bragg Creek Wastewater Treatment Plan Hazardous: <ul style="list-style-type: none"> Bragg Creek Waste Transfer Site
12	Elkana	Dwellings	50° 57.306' 114° 34.655'	75 - 100	50	44	6	Protect Onsite & Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from creeks/ponds and/or relay tanks Patrol with Engines for spot fires Post-impingement patrol for spot fires 	Bragg Creek Ponds/Dugouts	<ul style="list-style-type: none"> Some fuels reduction within community Infrastructure: <ul style="list-style-type: none"> Atco Gas Regulating Station Elkana Reservoir & Pumphouse
13	Hamlet of Bragg Creek	Dwellings Commercial	50° 57.056' 114° 33.861'	400 - 450	313	249	64	Protect Onsite & Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from Elbow River and/or relay tanks Patrol with Engines for spot fires Post-impingement patrol for spot fires 	Bragg Creek Elbow River	<ul style="list-style-type: none"> Fuels reduction within Hamlet Infrastructure: <ul style="list-style-type: none"> Bragg Creek Water Treatment Plant Wintergreen Water Coop Pumphouse Telus Phone Exchange SuperNet Building RVC Elkana Pumphouse Bragg Creek Community Hall
14	Bragg Creel South	Dwellings Commercial	50° 56.020' 114° 34.380'	75 - 100	49	41	8	Retreat & Return	<ul style="list-style-type: none"> Sprinkler structures from rivers/ponds and/or relay tanks Post-impingement patrol for spot fires 	Elbow River/Ponds Banded Peak Cistern	<ul style="list-style-type: none"> Infrastructure: <ul style="list-style-type: none"> Banded Peak School Cell Tower - Telus/Rogers

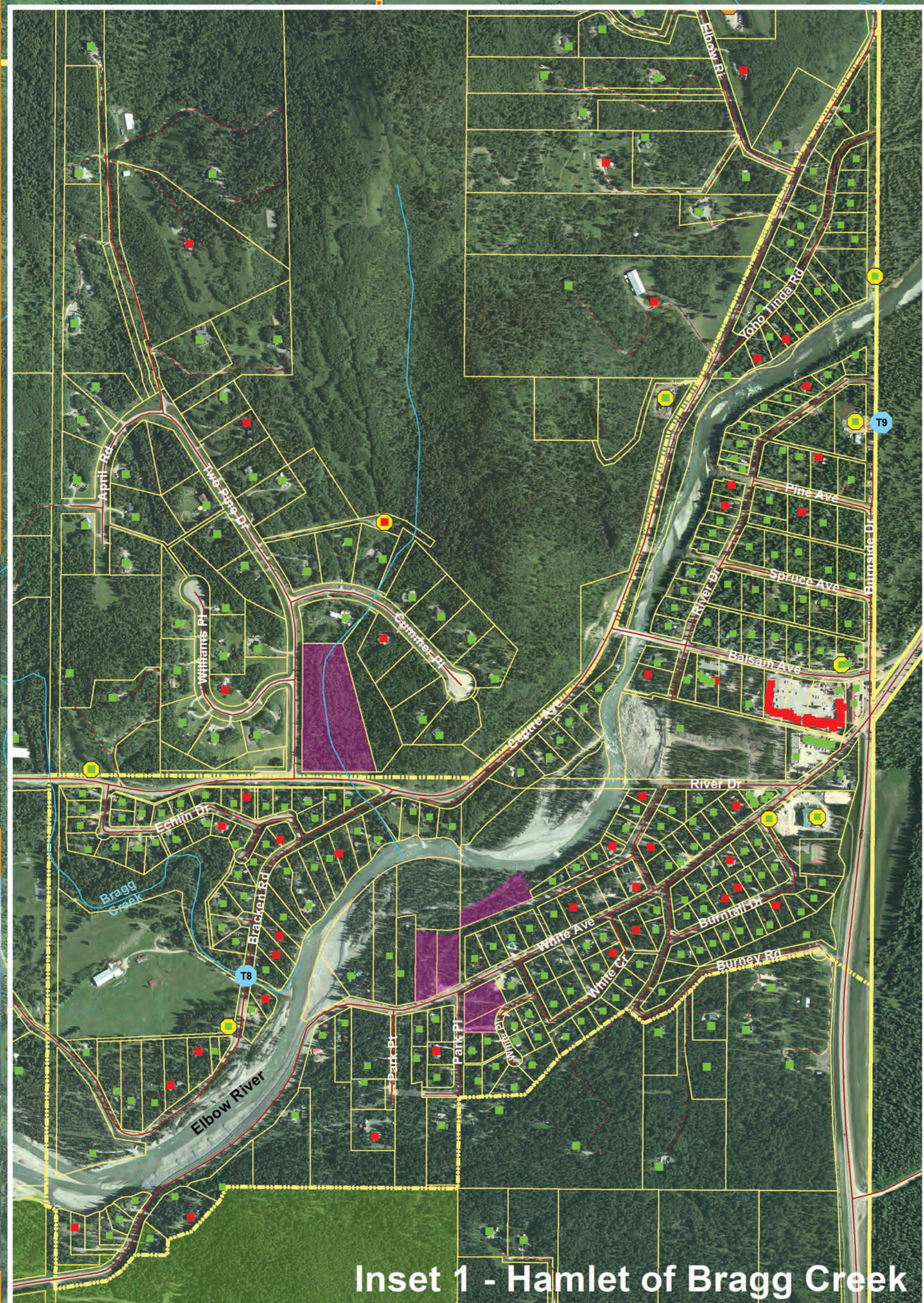
Elbow (B7) Windrose



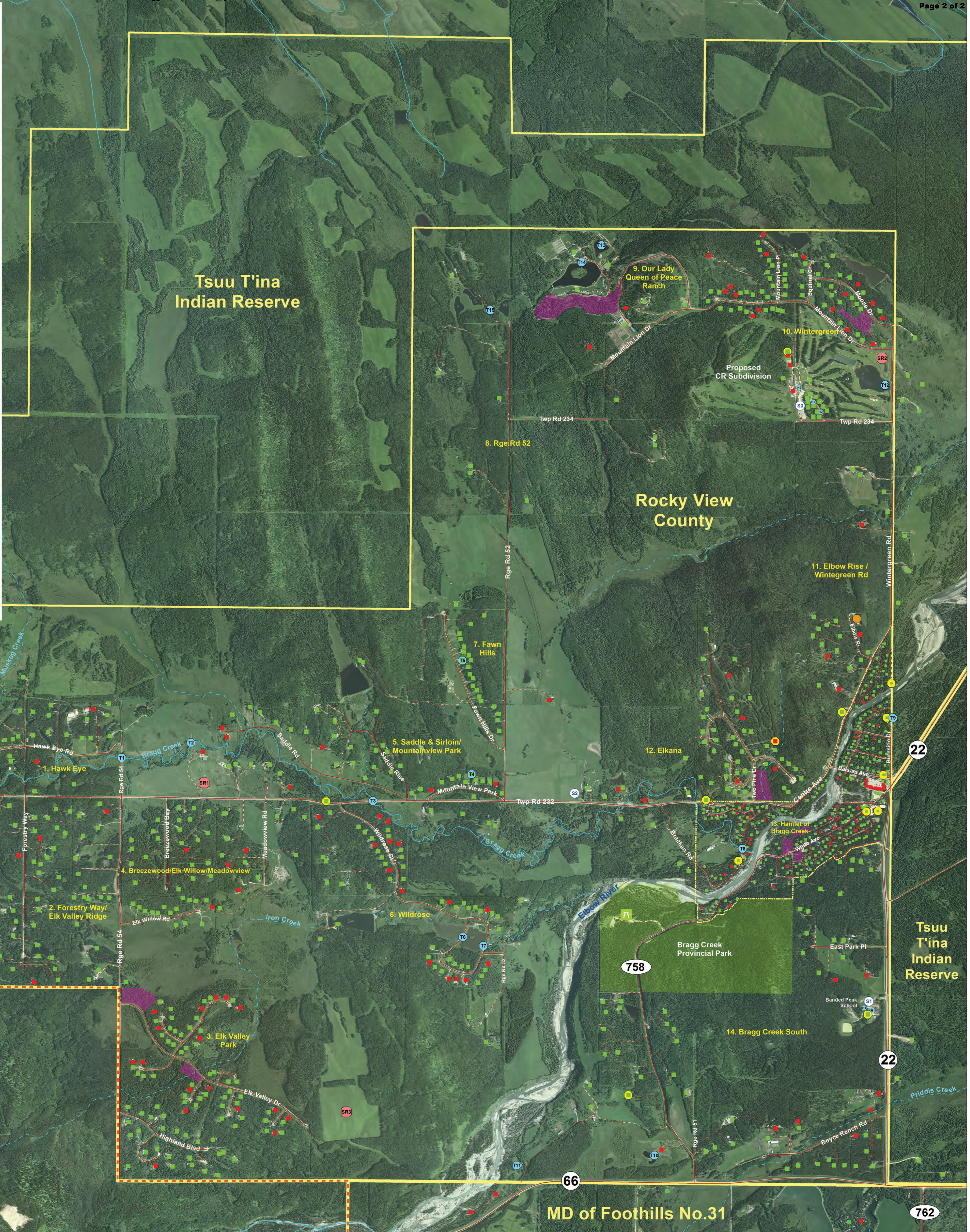
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Inset 1 - Hamlet of Bragg Creek



GREATER BRAGG CREEK Wildfire Preparedness Guide



LEGEND

- Jurisdictional Boundaries**
 - County/MD/IR Boundary
 - Forest Protection Area Boundary
- Values at Risk**
 - Non-Combustible Roof
 - Combustible Roof
 - Critical Infrastructure Site
 - Hazardous Site
 - Campground
 - Day Use Area
 - Trailhead
- Access**
 - All-Weather/Improved
 - Driveway/Unimproved
- Fire Operations**
 - Staging Area
 - Water Tender Source (Draft)
 - Hydrant
 - Safe Refuge Area

