

Wildfire Preparedness Guide - 2021

Water Valley Area

Emergency Contacts

AB. Agriculture & Forestry Fire Centre	
Office	403-297-8828
Duty Officer	403-297-8822
Mountain View County Director of Emergency Management	
Office	403-335-3311
Cell	403-586-0040
RCMP Detachment – Cochrane	
Administration	403-851-8000
AB. Emergency Mgt. Agency	
Provincial Operations Centre	1-866-618-2362

Mutual-Aid Communications

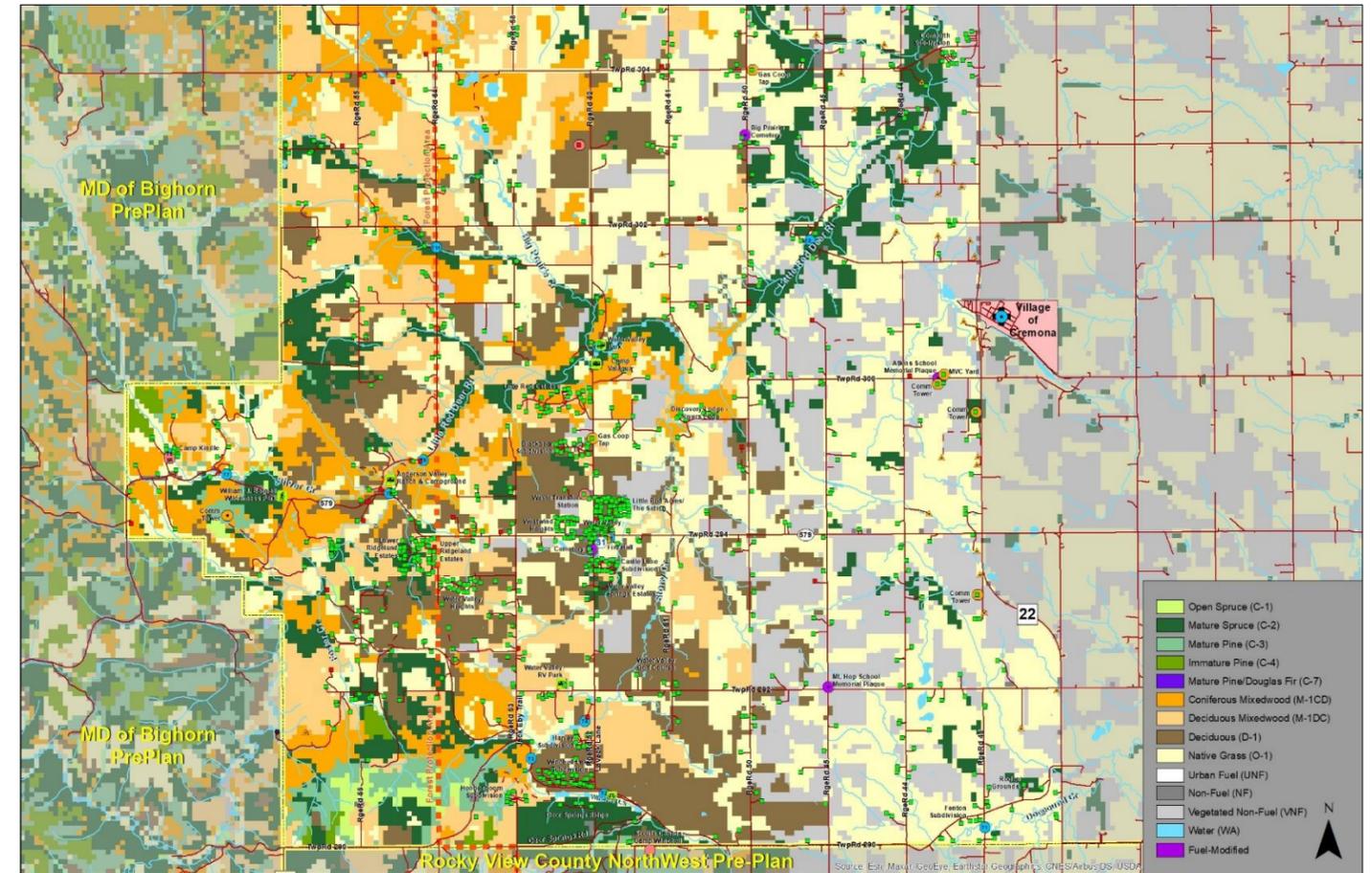
Type	AFRRCS Channel	FireNet	VHF
Command	Mountain View County CET 226MTN VIEW		Prov Mutual-Aid Fire 156.855 MHz
Air Advisory			Primary 129.800 MHz
Aircraft Monitoring		Mockingbird – FireNet 222 / Tone 173.8	
Tactical (To be determined at time of incident)			
Evacuation			
Structure Protection			
Wildfire			
Other			

Functional Roles

Functional Roles	Responsible Agency
Evacuation/Security	Mountain View County
Structure Protection	Mountain View County
Wildfire	Alberta Wildfire - within Forest Protection Area Mountain View County – outside Forest Protection Area

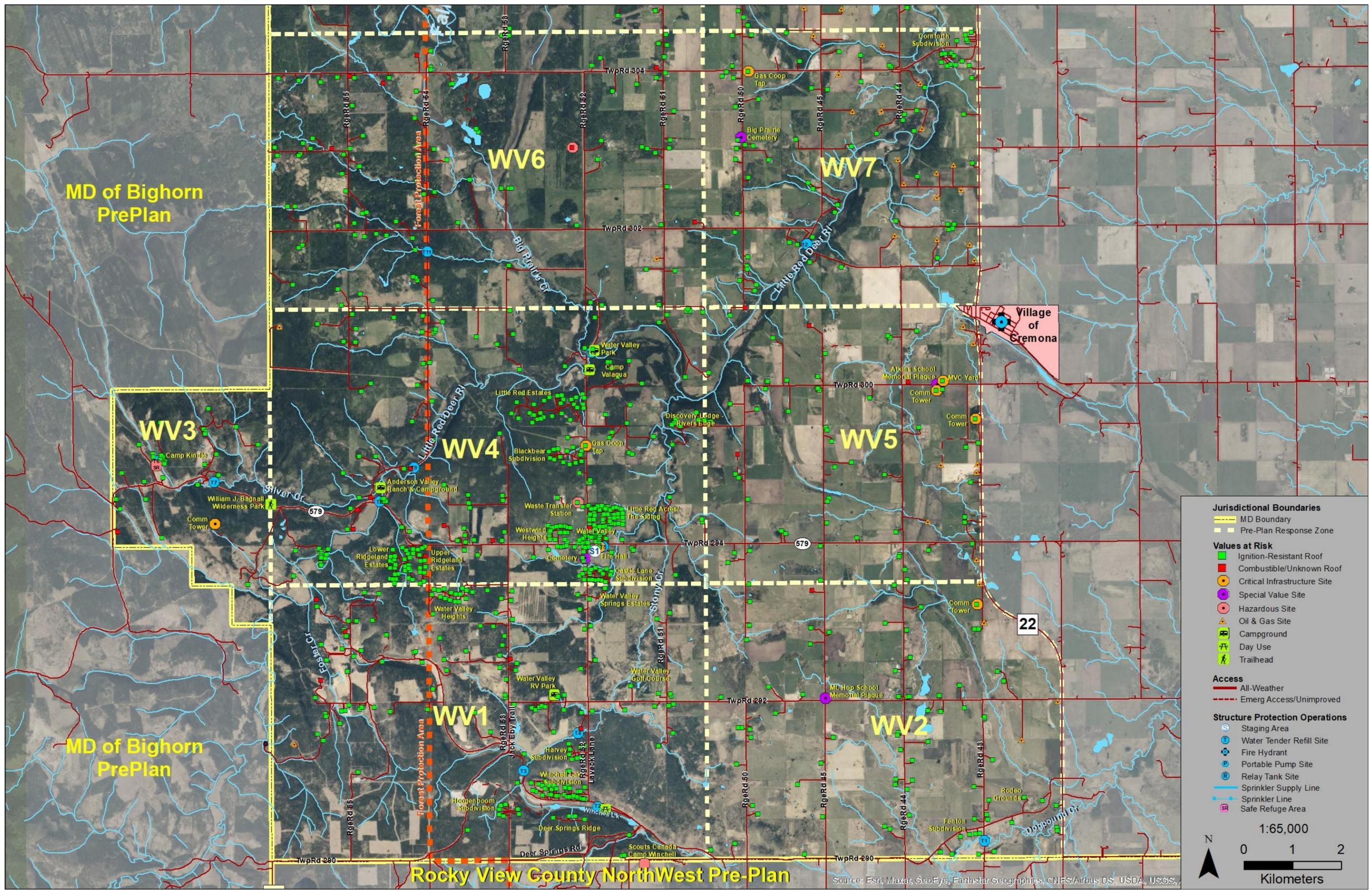
Critical Infrastructure, Special, and Hazardous Values at Risk

Zone	Infrastructure	Special	Hazardous
WV1	N/A	N/A	N/A
WV2	1 – Comm Tower	1-Memorial Plaque	N/A
WV3	1 – Comm Tower	1 – Youth Camp	N/A
WV4	1 – Natural Gas Coop Tap 1 – Fire Hall	1 - Cemetery	1 – Waste Transfer Station
WV5	2 – Comm Towers 1 – Mountain View County Public Works Yard	1 – Memorial Plaque	N/A
WV6	N/A	N/A	N/A
WV7	1 – Natural Gas Coop Tap	1 - Cemetery	N/A



Evacuation Protocols

- Incident Commander(s) will advise the AAF Duty Officer and the Mountain View County Director of Emergency Management (DEM) when the wildfire may create need for evacuation.
- Incident Commander(s), Mountain View County DEM, and AAF Duty Officer to determine need for Evacuation ALERT, ORDER, and/or RESCIND and the trigger points for each.
- Mountain View County DEM will issue Evacuation ALERT, ORDER, and/or RESCIND as determined.
- An Evacuation/Security Branch will be formed in the Incident Management Team Operations Section to implement the evacuation.
- Emergency Social Services will be provided to evacuees through the Mountain View County Emergency Coordination Centre.

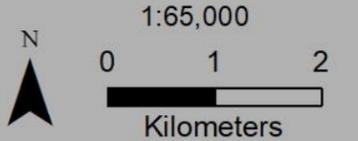


MD of Bighorn
PrePlan

MD of Bighorn
PrePlan

Rocky View County Northwest Pre-Plan

- Jurisdictional Boundaries**
- MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
- Ignition-Resistant Roof
 - Combustible/Unknown Roof
 - Critical Infrastructure Site
 - Special Value Site
 - Hazardous Site
 - Oil & Gas Site
 - Campground
 - Day Use
 - Trailhead
- Access**
- All-Weather
 - Emerg Access/Unimproved
- Structure Protection Operations**
- Staging Area
 - Water Tender Refill Site
 - Fire Hydrant
 - Portable Pump Site
 - Relay Tank Site
 - Sprinkler Supply Line
 - Sprinkler Line
 - Safe Refuge Area



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Structure Protection Pre-Plan - 2021

Water Valley Area - Overview

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

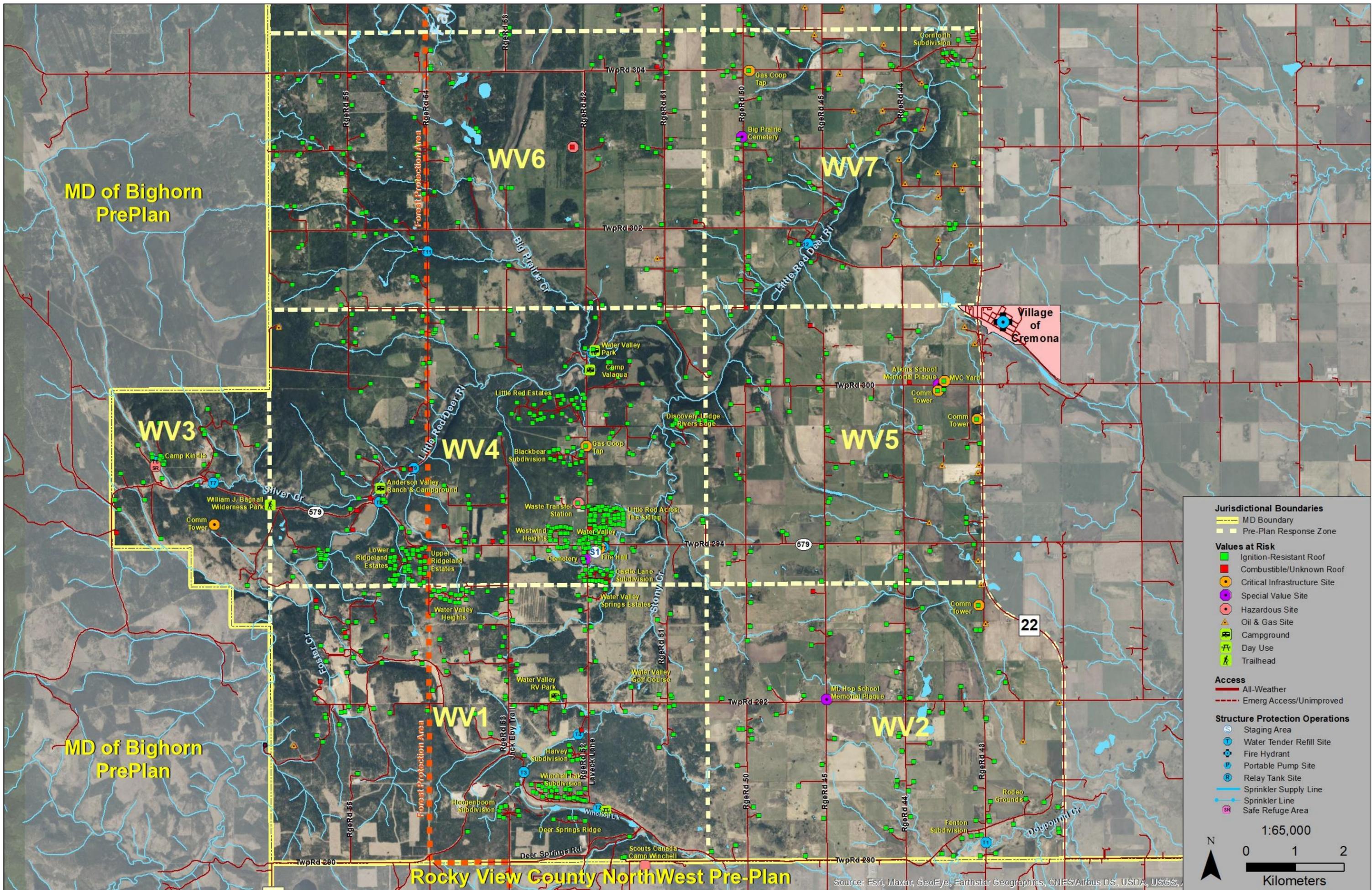
Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

Water Supply				
Map ID	Name	Location	Type	Delivery Method
Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz				
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 – TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 – TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 – 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 – Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 – RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 – Hwy 579	Little Red Deer Ri	Draft 3-6m
T9	Little Red Deer River	29479A – RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 – RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 – RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 – TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

Values at Risk/Structure Protection Operations (refer to Zone Plans for tactical details)

Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics (Refer to Zone Plans for tactical details)	Water Source	Comments	
	Total	Number of Structures						
		Roof Type	Ignition-Resistant					Combustible/Unknown
Camp Kindle - 29479 RgeRd 61A 403-637-3975	17	17	0	Prep & Defend	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy and activate Zone 1-2 sprinkler sets on structures at risk from creek and pond Bump & Run with apparatus for spot-fire ignitions 	Silver Creek and Pond (T6)	Special: Livestock onsite	
Anderson Valley Ranch & Campground - 5442 Hwy 579 403-637-3737	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from river Post-impingement patrol for spot-fire ignitions 	Little Red Deer River (T8)	Special: Livestock onsite	
Upper & Lower Ridgeland Estates - 5413 & 5417 Hwy 579	42	41	1	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 2-3 perimeter sprinkler lines from ponds and burnout and/or deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Post-impingement patrol for spot-fire ignitions in Ridgeland Estates 	None	Hazardous: Narrow, dead-end roads through dense coniferous fuels in Ridgeland Estates	
Water Valley Heights - 5341 TwpRd 293A	15	15	0	Prep & Defend	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Bump & Run with apparatus for spot-fire ignitions in Water Valley Heights 	None		
Deer Springs Ridge - 29040 RgeRd 52C	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from Winchell Lk and/or relay tanks Post-impingement patrol for spot-fire ignitions 	<ul style="list-style-type: none"> Winchell Lake (T2) Stony Creek (T3) RgeRd 52 Pond (T4) 		
Harvey Subdivision – 29130 RgeRd 52	8	8	0	Prep & Go				
Hooenboom Subdivision – 29042 RgeRd53	7	7	0	Prep & Go				
Winchell Lake Subdivision – 29066 RgeRd 52 & 5242 TwpRd 290	33	32	1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus for spot-fire ignitions 	None		
Scouts Canada Camp Winchell – 5142 TwpRd290C 403-637-0036	2	2	0	Prep & Go	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Post-impingement patrol for spot-fire ignitions 	None		
Water Valley RV Park – 5240 TwpRd 292 403-637-2117	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks and/or ponds 	None		
Water Valley/Little Red Acres/The Siding – 29415 RgeRd 52	108	107	1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus for spot-fire ignitions 	None	Hazardous: Water Valley Waste Transfer Station Infrastructure: Water Valley Fire/SAR Station Special: Water Valley Cemetery	
Westwind Heights – 5228 Hwy 579	25	25	0					
Castle Lane – 29347 RgeRd 52	20	19	1					
Water Valley Springs Estates – 29327 RgeRd 52	3	3	0					
Black Bear Subdivision – 29508 RgeRd 52	15	15	0	Prep & Defend Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks and Little Red Deer River Bump & Run with apparatus for spot-fire ignitions in Black Bear subdivision Post-impingement patrol for spot-fire ignitions in Little Red Estates 	<ul style="list-style-type: none"> Little Red Deer River (T10) 	Infrastructure: Cochrane Lake Gas Coop Tap 403-932-2707	
Little Red Estates – 29542 RgeRd 52	29	29	0					
Camp Valaqua – 5164 TwpRd 300 403-637-2510	4	4	0	Prep & Go	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy & activate Zone 1-2 sprinkler sets on structures at risk from Little Red Deer River Post-impingement patrol for spot-fire ignitions 	<ul style="list-style-type: none"> Little Red Deer River (T10) 		
Water Valley Park – RgeRd 52 @ Little Red Deer River Xing	1	1	0	No Action	<ul style="list-style-type: none"> None 	<ul style="list-style-type: none"> Little Red Deer River (T10) 		
Discovery Lodge – Rivers Edge Bible Camp – 5066/5038 TwpRd 295A 493-637-2766	13	13	0	Prep & Defend	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Bump & Run with apparatus for spot-fire ignitions 	None		

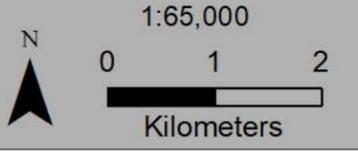


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PrePlan

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Rocky View County Northwest Pre-Plan

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 - Pre-Plan Response Zone
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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Structure Protection Pre-Plan - 2021

Water Valley Area – Zone WV1

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
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Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

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Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 - TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 - TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 - 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 - Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 - RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 - Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A - RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 - RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 - RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 - TwpRd 301A	Red Deer River	Draft 3-6m

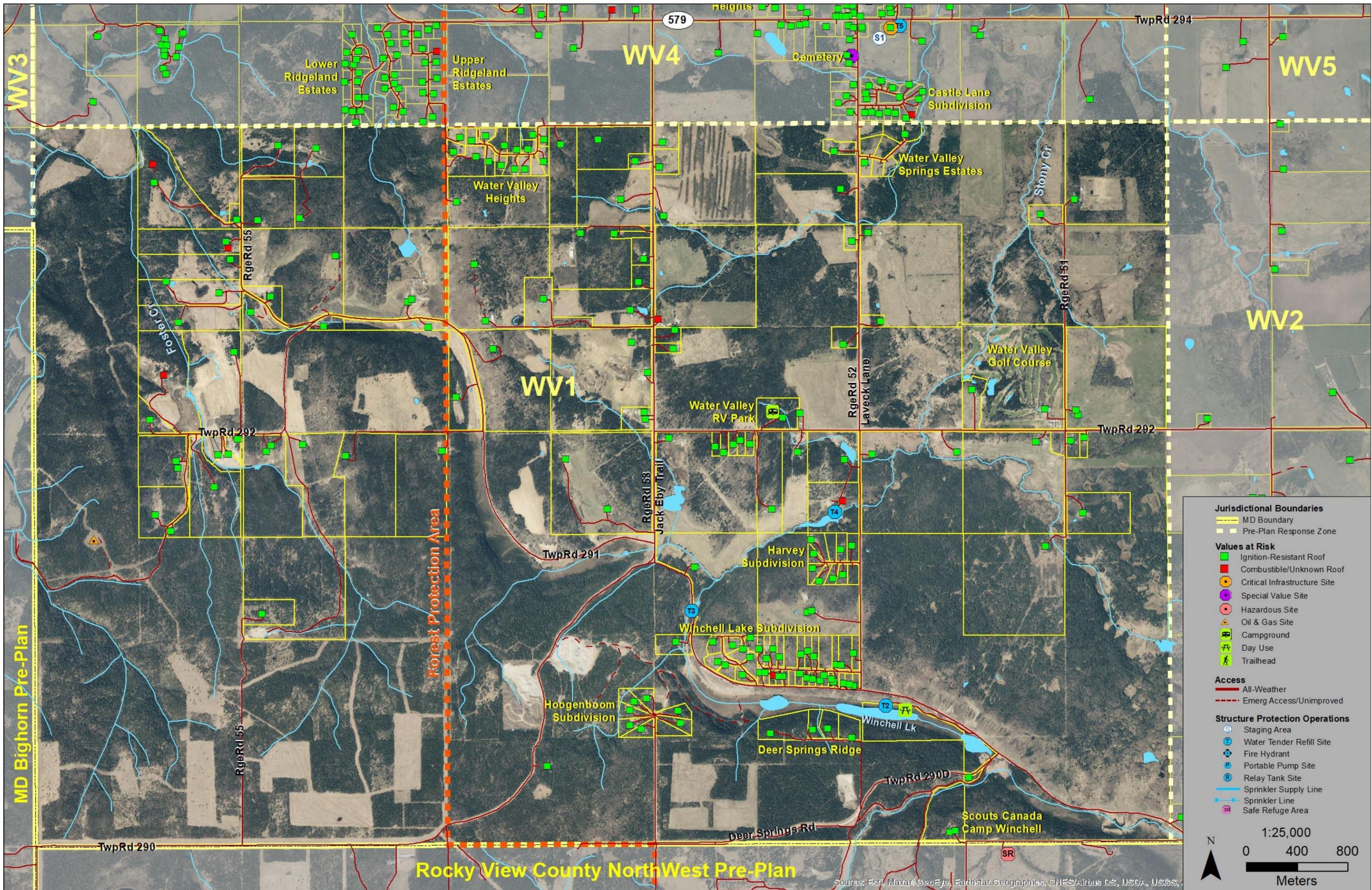
Staging Areas			
Map #	Name/Address	Lat/Long	Description
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Values at Risk/Structure Protection Operations

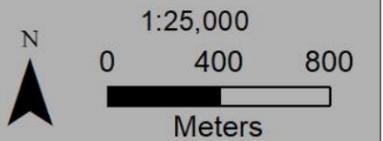
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics	Water Source	Comments
	Total	Roof Type					
		Ignition-Resistant	Combustible/Unknown				
Water Valley Heights - 5341 TwpRd 293A	15	15	0	Prep & Defend	<ul style="list-style-type: none"> Deploy & activate Zone 2-3 perimeter sprinkler lines from ponds and burnout and/or deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Bump & Run with apparatus for spot-fire ignitions 	None	Hazardous: Narrow, dead-end roads through dense coniferous fuels
Deer Springs Ridge - 29040 RgeRd 52C	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from natural sources and/or relay tanks Post-impingement patrol for spot-fire ignitions 	<ul style="list-style-type: none"> Winchell Lake (T2) Stony Creek (T3) RgeRd 52 Pond (T4) 	
Harvey Subdivision – 29130 RgeRd 52	8	8	0				
Hoogenboom Subdivision – 29042 RgeRd53	7	7	0				
Winchell Lake Subdivision – 29066 RgeRd 52 & 5242 TwpRd 290	33	32	1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus for spot-fire ignitions 	None	
Scouts Canada Camp Winchell – 5142 TwpRd 290C 403-637-0036	2	2	0	Prep & Go	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Post-impingement patrol for spot-fire ignitions 	None	
Water Valley RV Park – 5240 TwpRd 292 403-637-2117	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler set on structures at risk from relay tanks and/or ponds Post-impingement patrol for spot-fire ignitions 	None	
Water Valley Springs Estates – 29327 RgeRd 52	3	3	0	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus for spot-fire ignitions 	None	

Sprinkler Tactics and Resources

Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Water Valley Heights - 5341 TwpRd 293A	Z1-2 sprinkler sets on dwellings (10) from upright relay tanks Z2-3 perimeter sprinkler line from pond	3 (1800 Lpm) 1 Hi-Vol (2475 Lpm)	1350m 1125m Hi-Vol	40 heads 55 heads	3 – Upright relay tanks (63,000 L each)
Deer Springs Ridge - 29040 RgeRd 52C	Z1-2 sprinkler sets on dwellings (4) from relay tanks	4 (725 Lpm)	300m	16 heads	4 – Relay tanks (9,500 L each)
Harvey Subdivision – 29130 RgeRd 52	Z1-2 sprinkler sets on dwellings (8) from pond	2 (1450 Lpm)	1275m	32 heads	
Hoogenboom Subdivision – 29042 RgeRd53	Z1-2 sprinkler sets on dwellings (7) from relay tanks	2 (1250 Lpm)	1575m	28 heads	2 – Upright relay tanks (63,000 L each)
Winchell Lake Subdivision – 5242 TwpRd 290	Z1-2 sprinkler set on dwelling at #16 – 5242 TwpRd 290 from relay tank	1 (180 Lpm)	60m	4 heads	1 – Relay tank (9,500 L)



- Jurisdictional Boundaries**
- MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
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 - Combustible/Unknown Roof
 - Critical Infrastructure Site
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 - Campground
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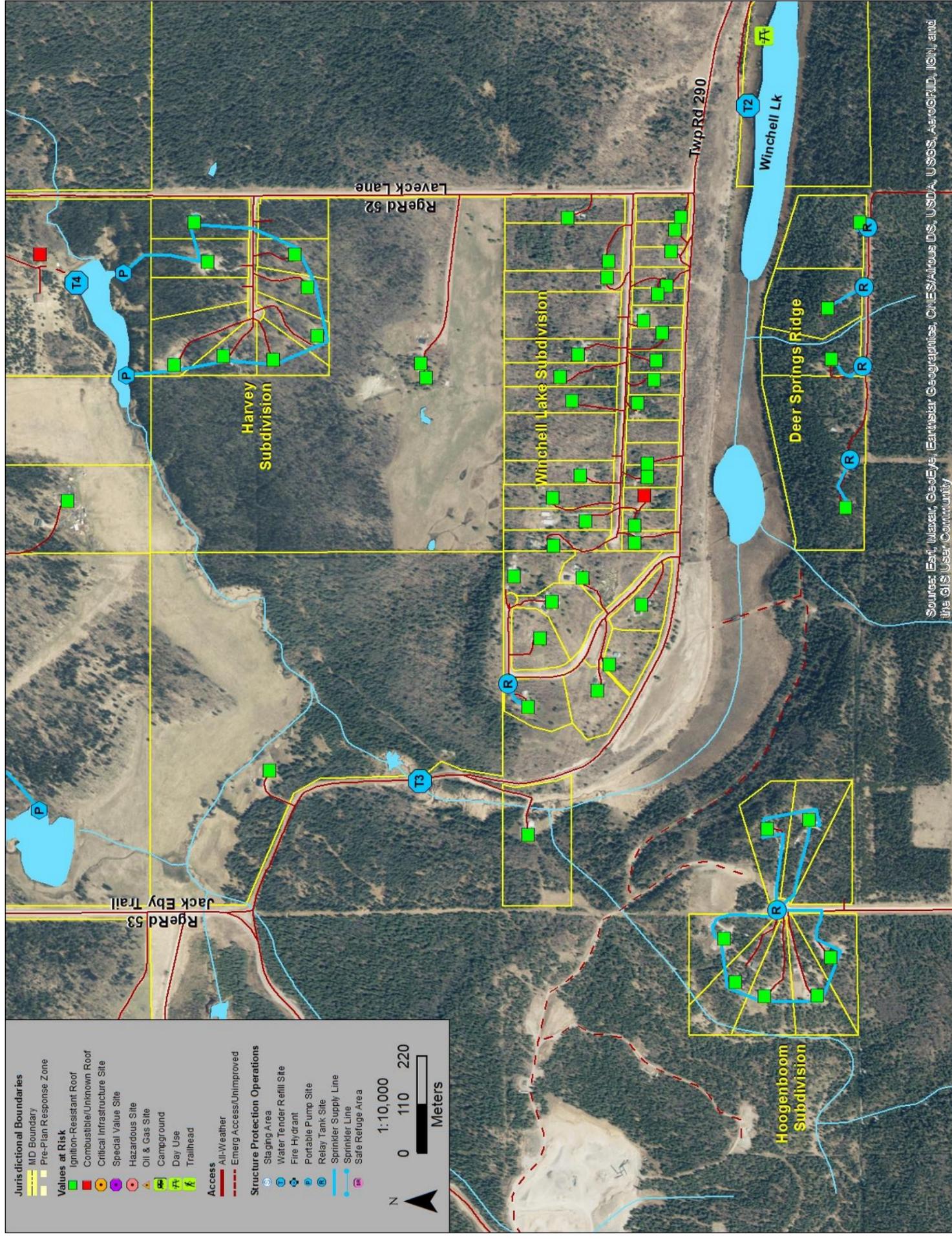


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Sprinkler Plan – 2021 Water Valley Area – Deer Springs/Harvey/Hoogenboom/Winchell Lk (WV1)

Sprinkler Tactics & Resources

Area	Sprinkler Tactics	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Deer Springs Ridge 29040 RgeRd 52C	Z1-2 sprinkler sets on dwellings (4) from relay tanks	4 (725 Lpm)	300m	16 heads	4 – Relay tanks (9,500 L each)
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Deployment Notes/Inventory:



Structure Protection Pre-Plan - 2021

Water Valley Area – Zone WV2

Risk Assessment

Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

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Water Supply

Map ID	Name	Location	Type	Delivery Method
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Staging Areas

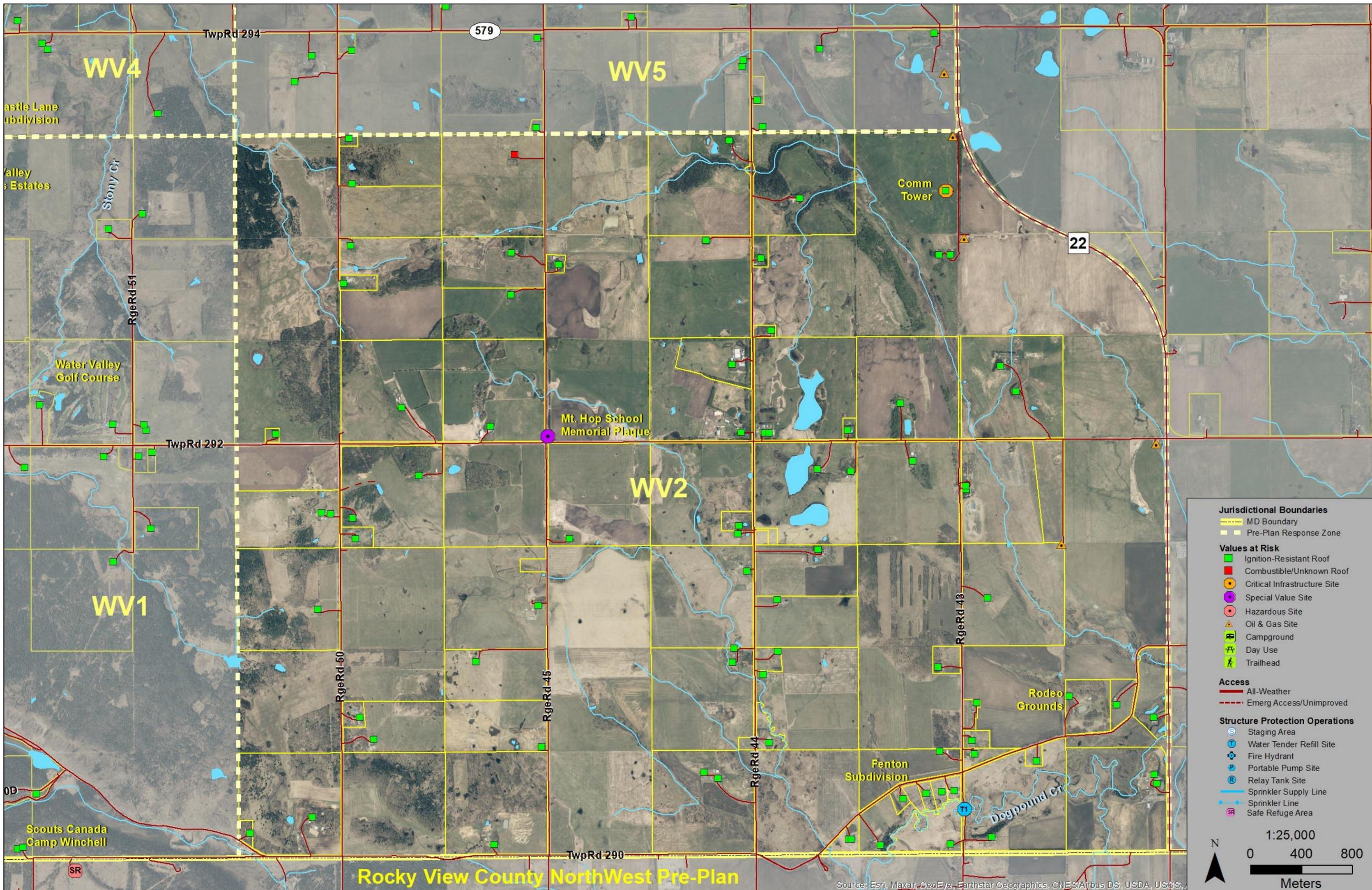
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Values at Risk/Structure Protection Operations

Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics	Water Source	Comments
	Total	Number of Structures					
		Ignition-Resistant	Combustible/Unknown				
West of RgeRd 45	24	23	1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Dogpound Creek (T1) Dugouts & Ponds 	
East of RgeRd 45	56	56	0	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Dugouts & Ponds 	Infrastructure: 1 – Comm Tower Special: Mt. Hop School Memorial Plaque

Sprinkler Tactics and Resources

Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other



WV4

WV5

WV2

WV1

Rocky View County Northwest Pre-Plan

Jurisdictional Boundaries

- MD Boundary
- Pre-Plan Response Zone

Values at Risk

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Access

- All-Weather
- Emerg Access/Unimproved

Structure Protection Operations

- Staging Area
- Water Tender Refill Site
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- Relay Tank Site
- Sprinkler Supply Line
- Sprinkler Line
- Safe Refuge Area

1:25,000

0 400 800

Meters

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Structure Protection Pre-Plan - 2021

Water Valley Area - Zone WV3

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

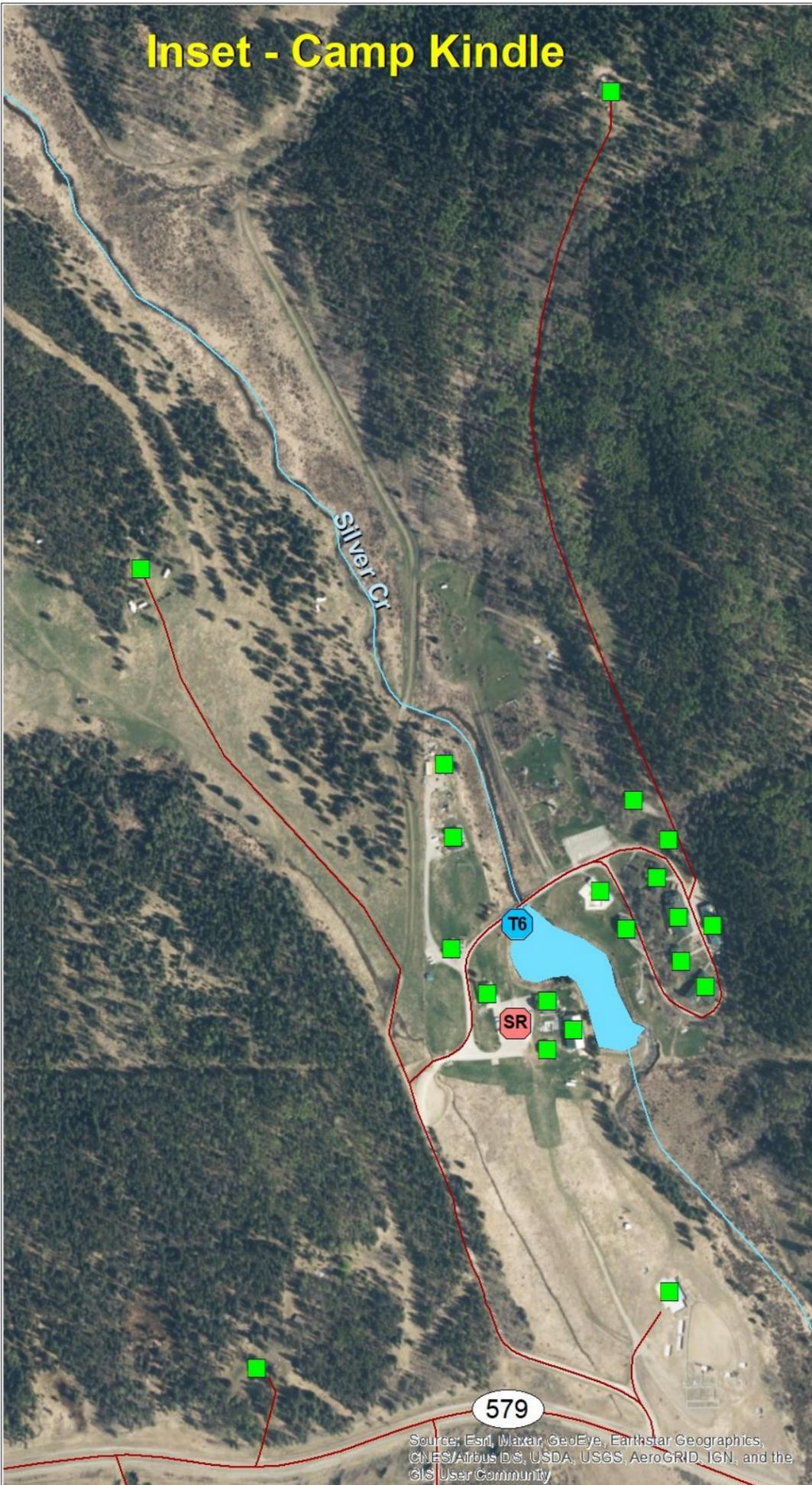
Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 – TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 – TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 – 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 – Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 – RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 – Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A – RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 – RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 – RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 – TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

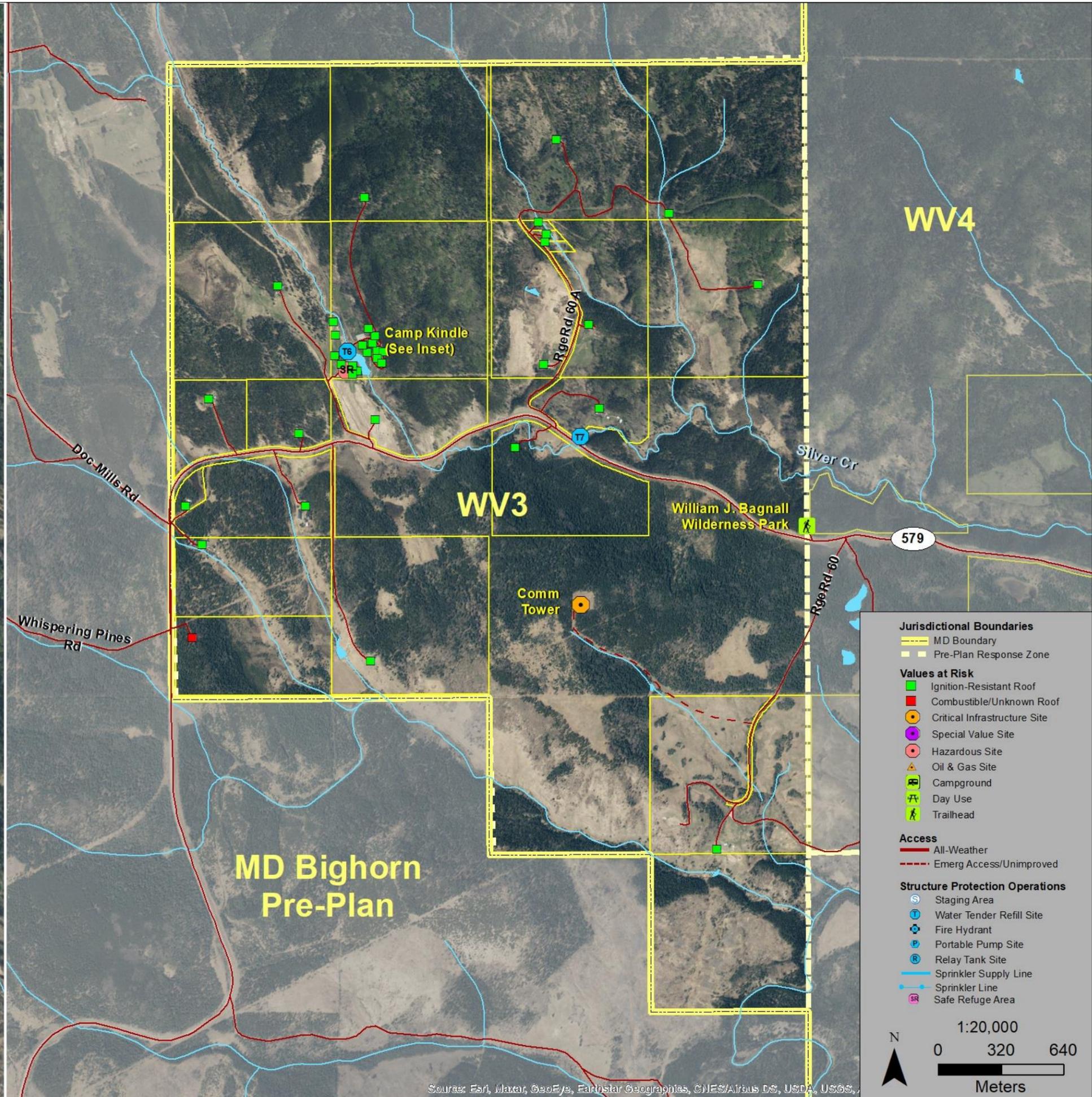
Values at Risk/Structure Protection Operations							
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations		Comments
	Total	Number of Structures			Tactics	Water Source	
		Ignition-Resistant	Combustible/Unknown				
Camp Kindle - 29479 RgeRd 61A 403-637-3975	17	17	0	Prep & Defend	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy and activate Zone 1-2 sprinkler sets on structures at risk from creek and pond Bump & Run with apparatus for spot-fire ignitions 	<ul style="list-style-type: none"> Silver Creek and Pond (T6) 	Special: Children & livestock onsite

Sprinkler Tactics and Resources					
Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Camp Kindle - 29479 RgeRd 61A	Zone 1-2 sprinkler sets on structures at risk (11) from Silver Creek and pond	4 (1800 Lpm)	1200m	40 heads	

Inset - Camp Kindle

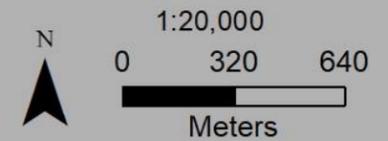


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



MD Bighorn Pre-Plan

- Jurisdictional Boundaries**
 - MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
 - Ignition-Resistant Roof
 - Combustible/Unknown Roof
 - Critical Infrastructure Site
 - Special Value Site
 - Hazardous Site
 - Oil & Gas Site
 - Campground
 - Day Use
 - Trailhead
- Access**
 - All-Weather
 - Emerg Access/Unimproved
- Structure Protection Operations**
 - Staging Area
 - Water Tender Refill Site
 - Fire Hydrant
 - Portable Pump Site
 - Relay Tank Site
 - Sprinkler Supply Line
 - Sprinkler Line
 - Safe Refuge Area

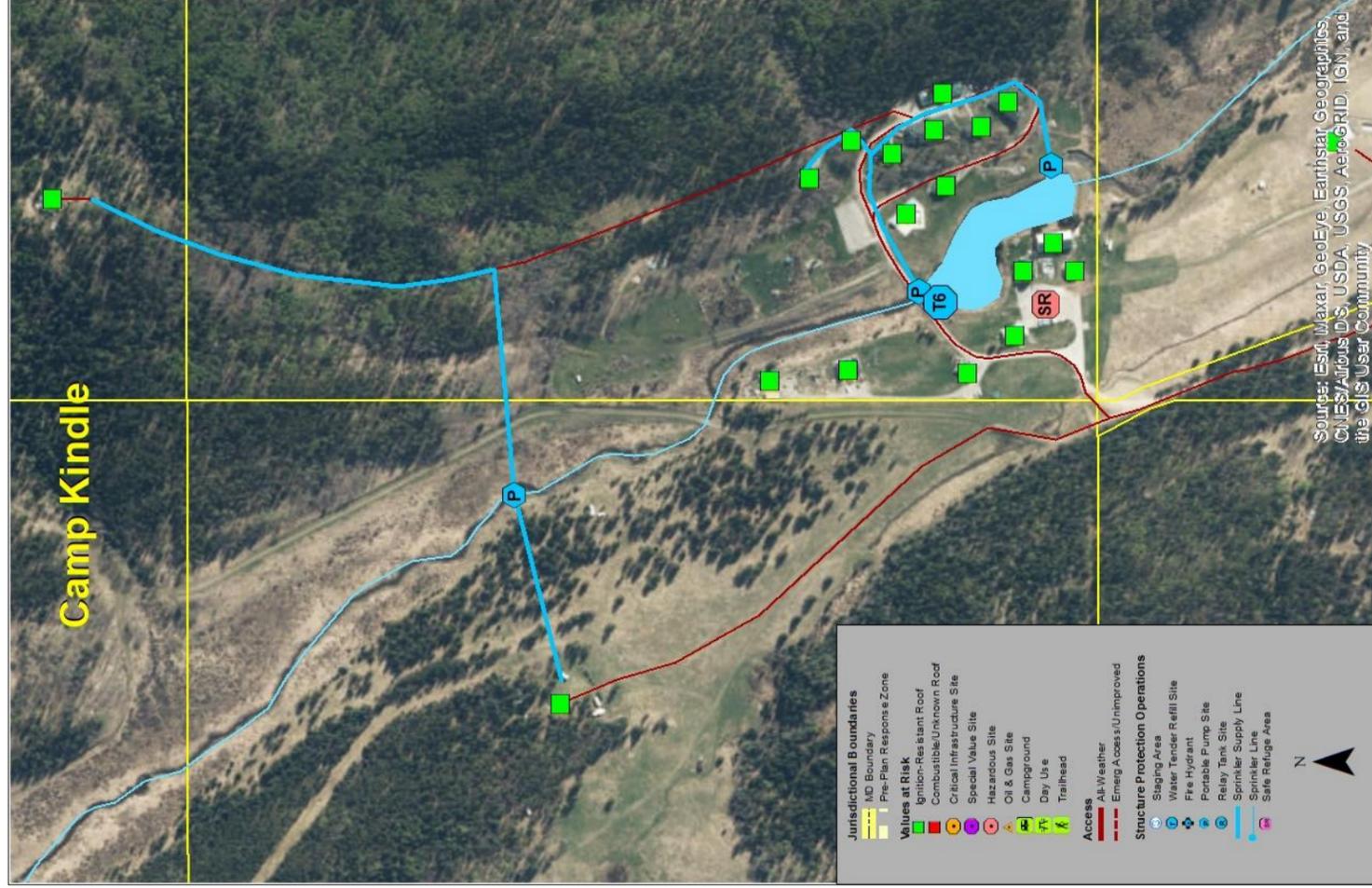


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

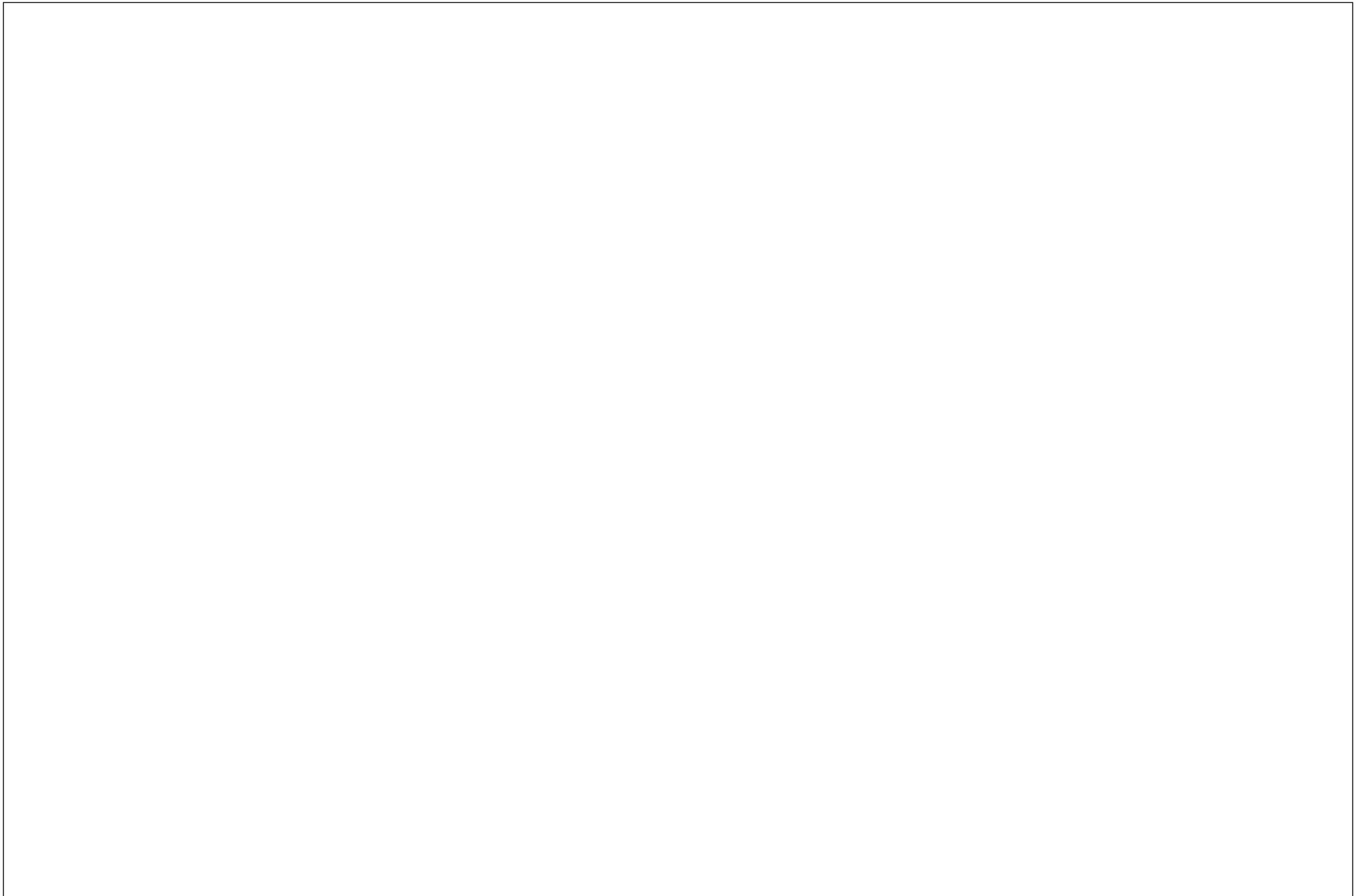
Sprinkler Plan – 2021 Water Valley Area – Camp Kindle/Anderson Valley Ranch (WV3/WV4)

Sprinkler Tactics & Resources

Area	Sprinkler Tactics	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Camp Kindle 29479 RgeRd 61A	Zone 1-2 sprinkler sets on structures at risk (11) from Silver Creek and pond	4 (1800 Lpm)	1200m	40 heads	
Anderson Valley Ranch 5442 Hwy 579	Zone 1-2 sprinkler sets on structures at risk (4) from Little Red Deer River	1 (750 Lpm)	450m	16 heads	



Deployment Notes/Inventory:



Structure Protection Pre-Plan - 2021

Water Valley Area - Zone WV4

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

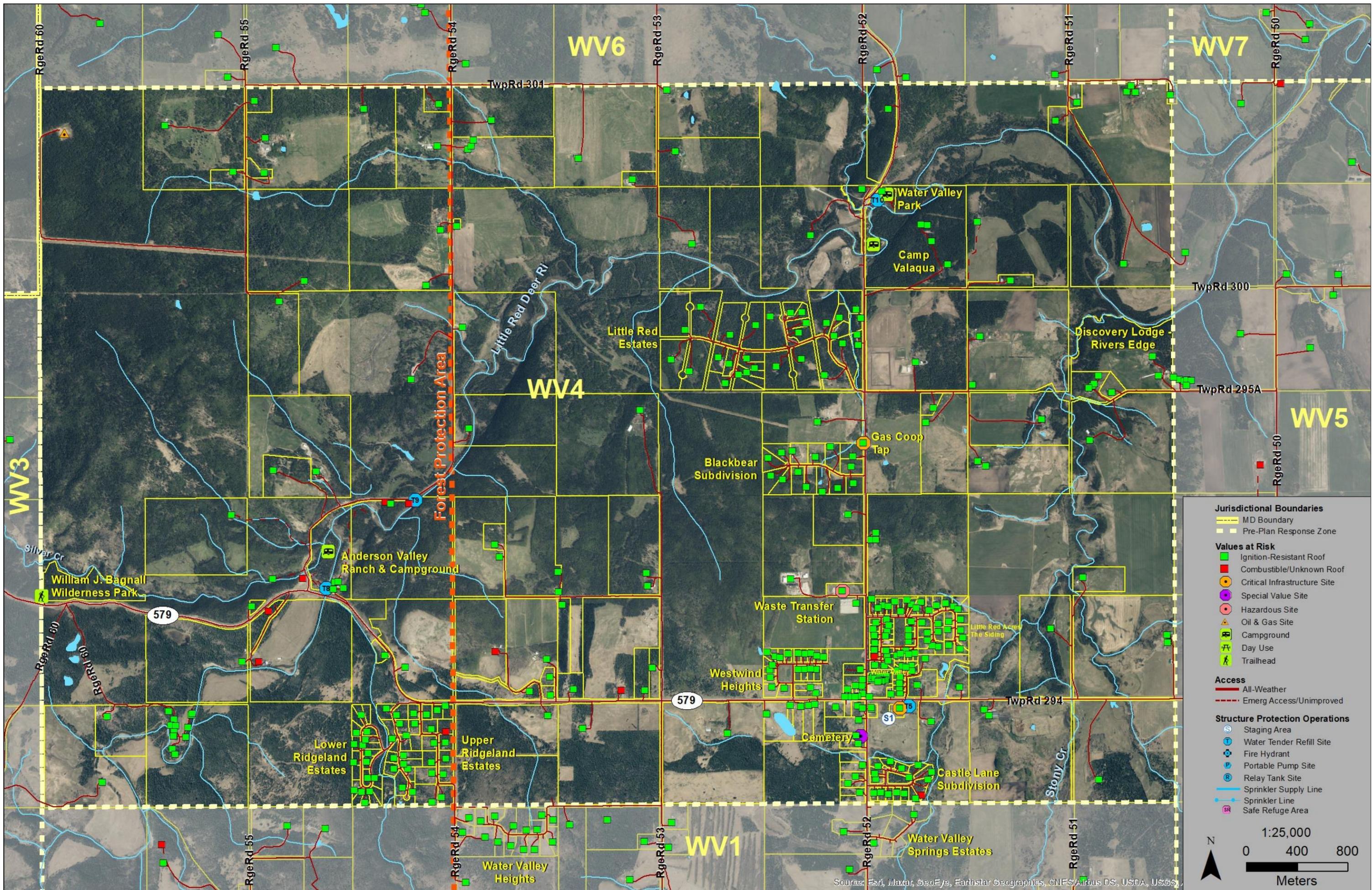
Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 - TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 - TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 - 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 - Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 - RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 - Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A - RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 - RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 - RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 - TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

Values at Risk/Structure Protection Operations							
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics	Water Source	Comments
	Total	Number of Structures					
		Ignition-Resistant	Combustible/Unknown				
Anderson Valley Ranch & Campground - 5442 Hwy 579 403-637-3737	4	4	0	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from river Post-impingement patrol for spot-fire ignitions 	Little Red Deer River (T8)	Special: Livestock onsite
Upper & Lower Ridgeland Estates - 5413 & 5417 Hwy 579	42	41	1	Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 2-3 perimeter sprinkler lines from ponds and burnout and/or deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks Post-impingement patrol for spot-fire ignitions 	None	Hazardous: Narrow, dead-end roads through dense coniferous fuels
Water Valley/Little Red Acres/The Siding – 29415 RgeRd 52 Westwind Heights – 5228 Hwy 579 Castle Lane – 29347 RgeRd 52	108 25 20	107 25 19	1 0 1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus for spot-fire ignitions 	None	Hazardous: Water Valley Waste Transfer Station Infrastructure: Water Valley Fire/SAR Station Special: Water Valley Cemetery
Black Bear Subdivision – 29508 RgeRd 52 Little Red Estates – 29542 RgeRd 52	15 29	15 29	0 0	Prep & Defend Prep & Go	<ul style="list-style-type: none"> Deploy & activate Zone 1-2 sprinkler sets on structures at risk from relay tanks and Little Red Deer River Bump & Run with apparatus for spot-fire ignitions in Black Bear subdivision Post-impingement patrol for spot-fire ignitions in Little Red Estates 	Little Red Deer River (T10)	Infrastructure: Cochrane Lake Gas Coop Tap 403-932-2707
Camp Valaqua – 5164 TwpRd 300 403-637-2510	4	4	0	Prep & Go	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Deploy & activate Zone 1-2 sprinkler sets on structures at risk from Little Red Deer River Post-impingement patrol for spot-fire ignitions 	Little Red Deer River (T10)	
Water Valley Park – RgeRd 52 @ Little Red Deer River Xing	1	1	0	No Action	<ul style="list-style-type: none"> None 	Little Red Deer River (T10)	
Discovery Lodge – Rivers Edge Bible Camp – 5066/5038 TwpRd 295A 493-637-2766	13	13	0	Prep & Defend	<ul style="list-style-type: none"> YOUTH CAMP – Evacuate early Bump & Run with apparatus for spot-fire ignitions 	None	

Sprinkler Tactics and Resources					
Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Anderson Valley Ranch & Campground - 5442 Hwy 579	Zone 1-2 sprinkler sets on structures at risk (4) from Little Red Deer River	1 (750 Lpm)	450m	16 heads	
Upper & Lower Ridgeland Estates - 5413 & 5417 Hwy 579	Zone 2-3 perimeter sprinkler line from ponds to support burnout operations Zone 1-2 sprinkler sets on west-perimeter dwellings at risk (15) from relay tanks	2 – Hi-Vol (2700 Lpm) 5 (2700 Lpm)	3750m Hi-Vol 1125m	60 heads 60 heads	5 – Upright relay tanks (63,000 L each)
Black Bear Subdivision – 29508 RgeRd 52	Z1-2 sprinkler sets on dwellings (4) on southeast perimeter from pond	2 (750 Lpm)	600m	16 heads	
Little Red Estates – 29542 RgeRd 52	Z1-2 sprinkler sets on dwellings (29) from relay tanks	7 (5175 Lpm)	3825m	115 heads	4 – Upright relay tanks (63,000 L each)
Camp Valaqua – 5164 TwpRd 300	Z1-2 sprinkler set on camp buildings (3) from Little Red Deer River	2 (550 Lpm)	300m	16 heads	



WV6

WV7

WV4

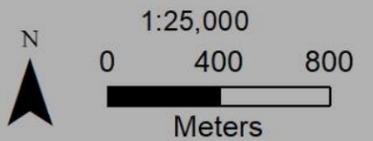
WV5

WV3

WV1

Forest Protection Area

- Jurisdictional Boundaries**
- MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
- Ignition-Resistant Roof
 - Combustible/Unknown Roof
 - Critical Infrastructure Site
 - Special Value Site
 - Hazardous Site
 - Oil & Gas Site
 - Campground
 - Day Use
 - Trailhead
- Access**
- All-Weather
 - Emerg Access/Unimproved
- Structure Protection Operations**
- Staging Area
 - Water Tender Refill Site
 - Fire Hydrant
 - Portable Pump Site
 - Relay Tank Site
 - Sprinkler Supply Line
 - Sprinkler Line
 - Safe Refuge Area

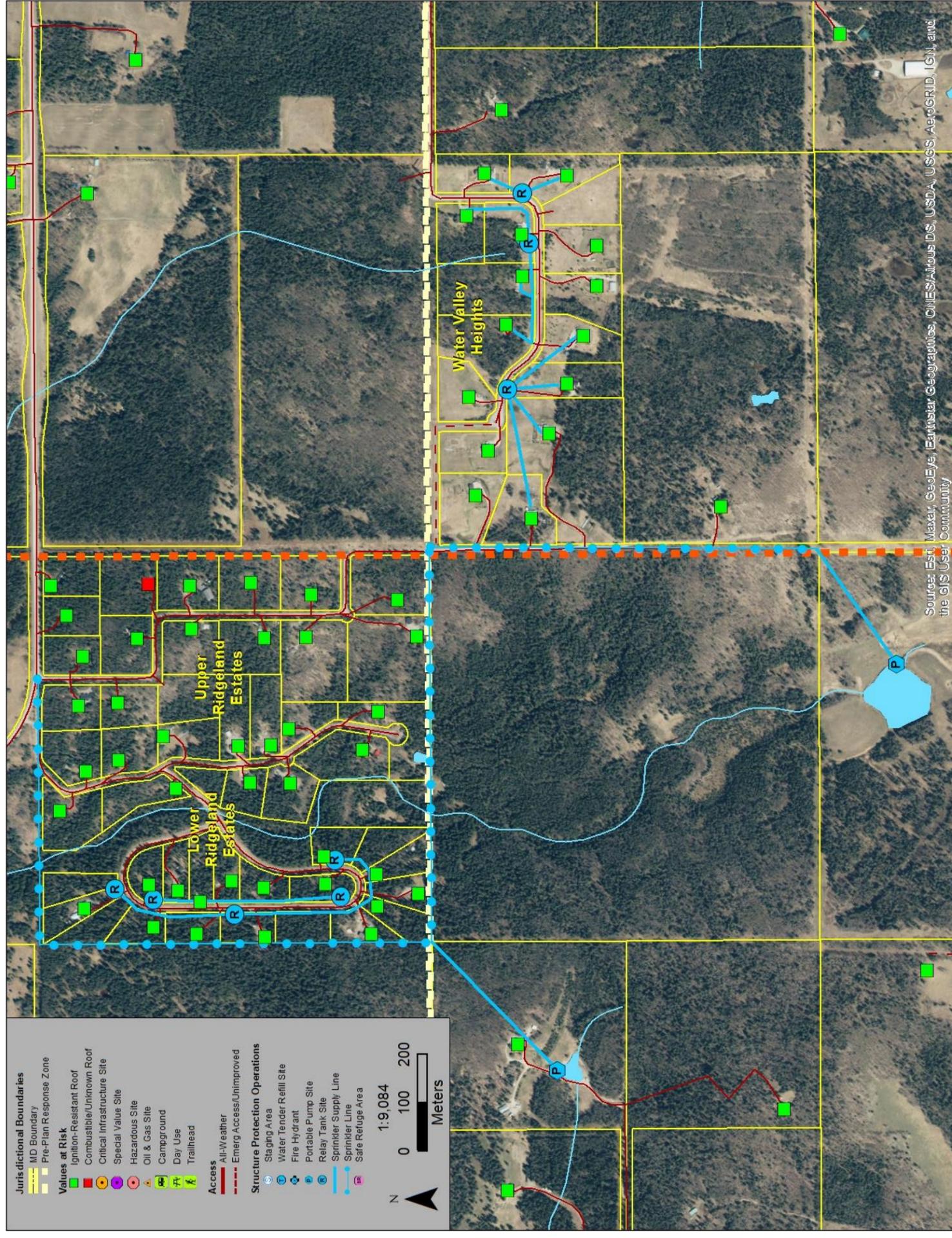


Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Sprinkler Plan – 2021 Water Valley Area – Ridgeland Estates/Water Valley Heights (WV4/WV1)

Sprinkler Tactics & Resources

Area	Sprinkler Tactics	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other
Water Valley Heights 5341 TwpRd 293A	Z1-2 sprinkler sets on dwellings (10) from upright relay tanks Z2-3 perimeter sprinkler line from pond	3 (1800 Lpm) 1 Hi-Vol (2475 Lpm)	1350m 1125m Hi-Vol	40 heads 55 heads	3 – Upright relay tanks (63,000 L each)
Ridgeland Estates 5413 & 5417 Hwy 579	Zone 2-3 perimeter sprinkler line from ponds to support burnout operations Zone 1-2 sprinkler sets on west-perimeter dwellings at risk (15) from relay tanks	2 – Hi-Vol (2700 Lpm) 5 (2700 Lpm)	3750m Hi-Vol 1125m	60 heads 60 heads	5 – Upright relay tanks (63,000 L each)



Deployment Notes/Inventory:

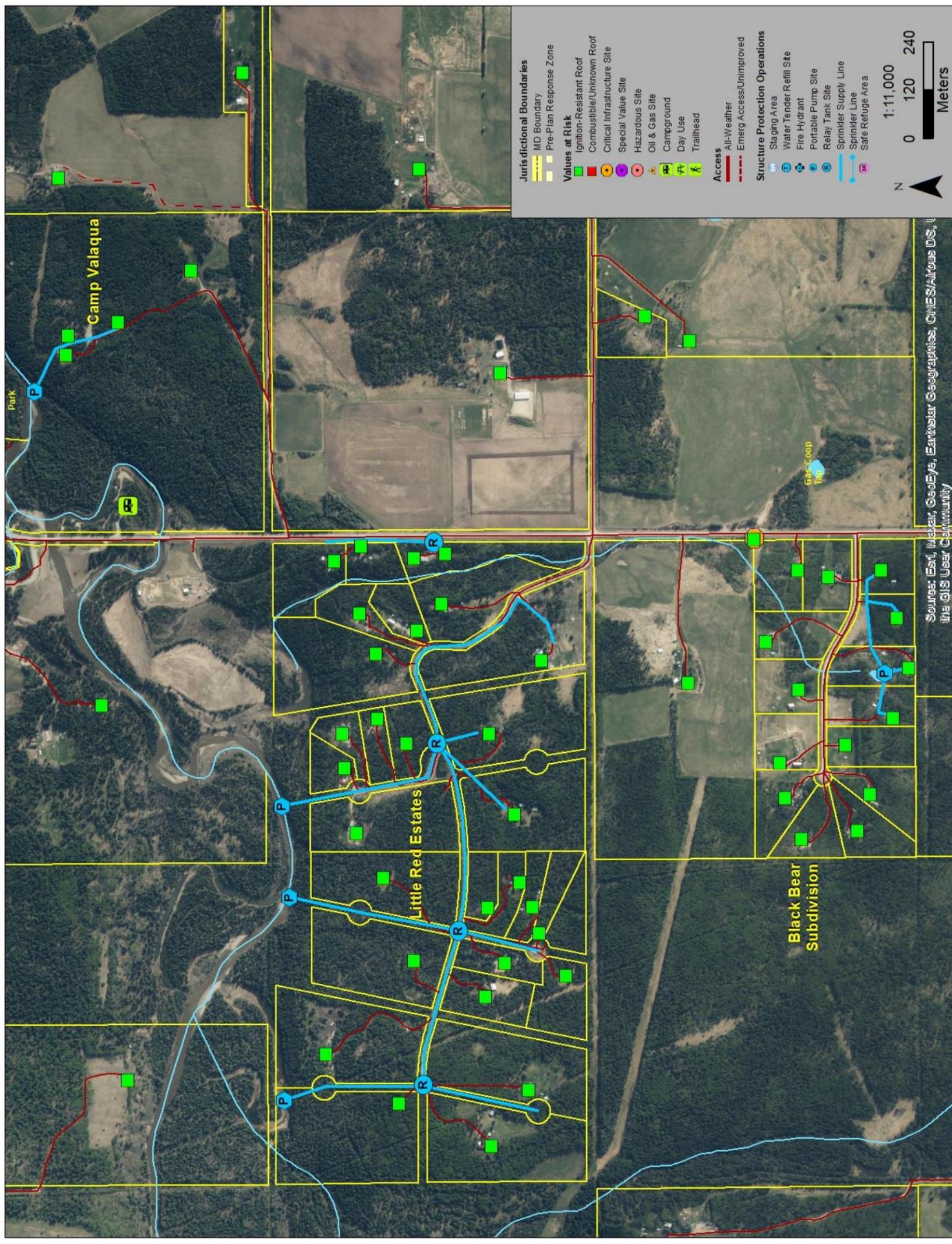


Sprinkler Plan – 2021

Water Valley Area – Big Bear/Little Red Estates/Camp Valaqua (WV4)

Sprinkler Tactics & Resources

Area	Sprinkler Tactics	Minimum Resource Requirements			Other
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	
Black Bear Subdivision 29508 RgeRd 52	Z1-2 sprinkler sets on dwellings (4) on southeast perimeter from pond	2 (750 Lpm)	600m	16 heads	
Little Red Estates 29542 RgeRd 52	Z1-2 sprinkler sets on dwellings (29) from relay tanks	7 (5175 Lpm)	382.5m	115 heads	4 – Upright relay tanks (63,000 L each)
Camp Valaqua 5164 TwpRd 300	Z1-2 sprinkler set on camp buildings (3) from Little Red Deer River	2 (550 Lpm)	300m	16 heads	



Deployment Notes/Inventory:



Structure Protection Pre-Plan - 2021

Water Valley Area – Zone WV5

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

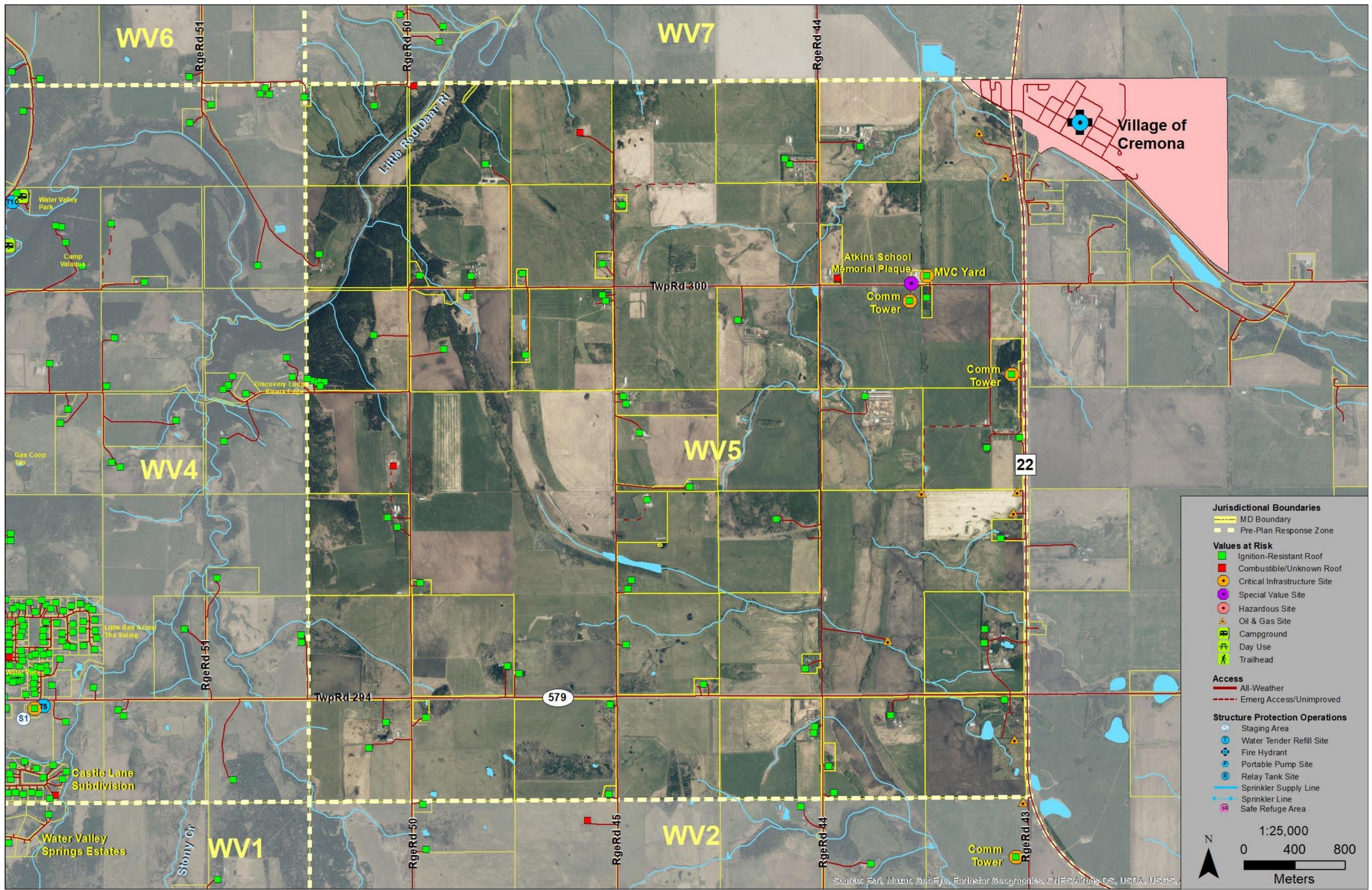
Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 – TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 – TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 – 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 – Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 – RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 – Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A – RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 – RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 – RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 – TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

Values at Risk/Structure Protection Operations							
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics	Water Source	Comments
	Total	Number of Structures					
		Ignition-Resistant	Combustible/Unknown				
West of RgeRd 45	31	28	3	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Little Red Deer River Dugouts & Ponds Water Valley Fire Hall (T5) 	
East of RgeRd 45	34	33	1	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Dugouts & Ponds Water Valley Fire Hall (T5) 	Infrastructure: 2–Comm Towers, 1-MVC Water Valley Yard Special: Atkins School Memorial Plaque

Sprinkler Tactics and Resources					
Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other



WV6

WV7

WV4

WV5

WV1

WV2

Village of Cremona

Atkins School Memorial Plaque
MVC Yard

Comm Tower

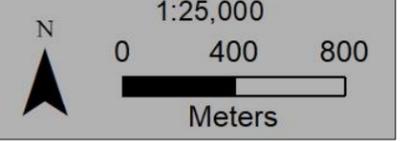
Comm Tower

22

579

Comm Tower

- Jurisdictional Boundaries**
- MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
- Ignition-Resistant Roof
 - Combustible/Unknown Roof
 - Critical Infrastructure Site
 - Special Value Site
 - Hazardous Site
 - Oil & Gas Site
 - Campground
 - Day Use
 - Trailhead
- Access**
- All-Weather
 - Emerg Access/Unimproved
- Structure Protection Operations**
- Staging Area
 - Water Tender Refill Site
 - Fire Hydrant
 - Portable Pump Site
 - Relay Tank Site
 - Sprinkler Supply Line
 - Sprinkler Line
 - Safe Refuge Area



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Structure Protection Pre-Plan - 2021

Water Valley Area – Zone WV6

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

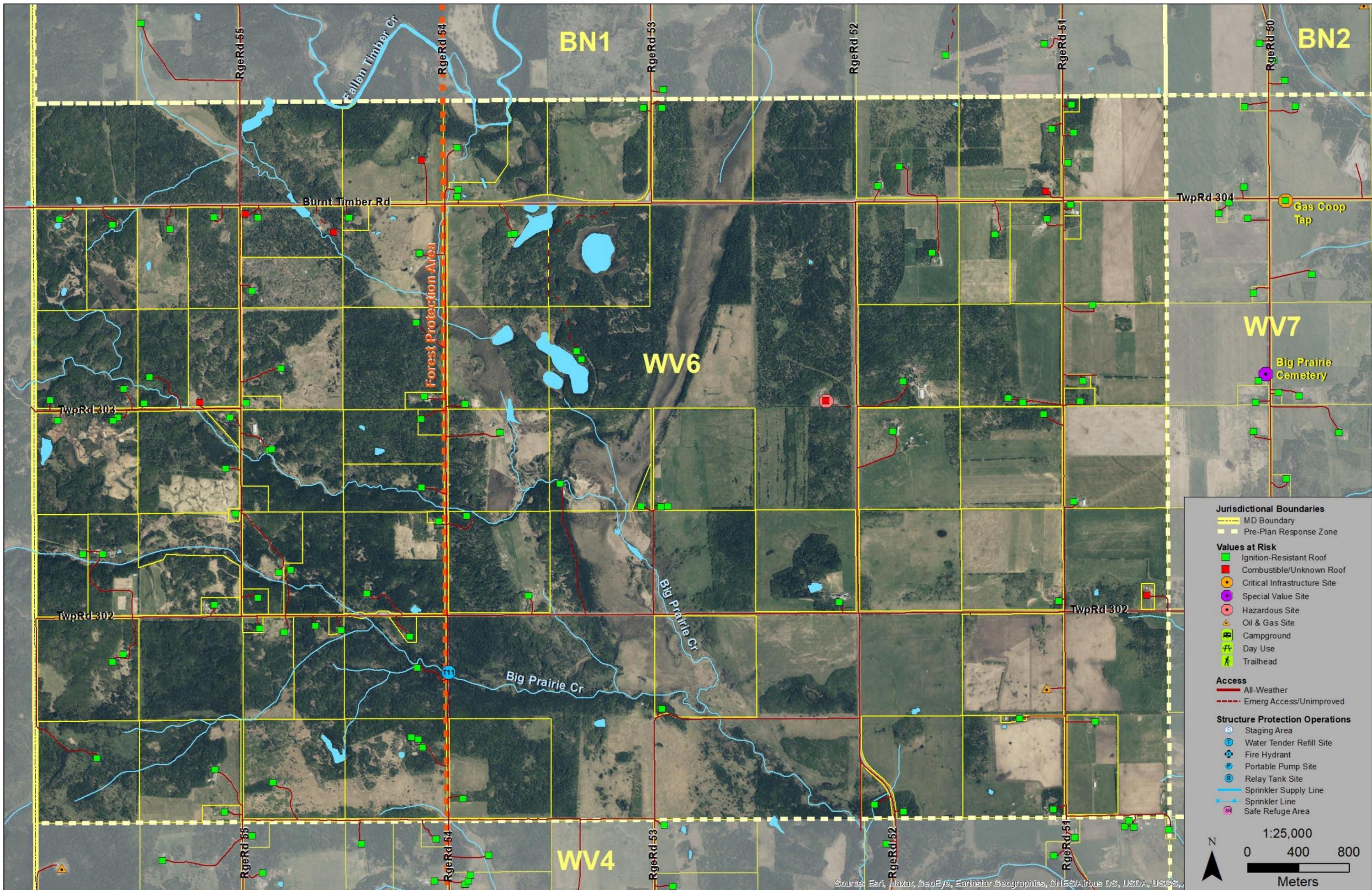
Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 – TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 – TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 – 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 – Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 – RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 – Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A – RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 – RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 – RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 – TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

Values at Risk/Structure Protection Operations							
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations Tactics	Water Source	Comments
	Total	Number of Structures					
		Ignition-Resistant	Combustible/Unknown				
West of Forest Protection Area Boundary	53	49	4	Prep & Defend Prep & Go	<ul style="list-style-type: none"> Scout access and fuel conditions prior to committing to Prep & Defend Bump & Run with apparatus where possible Zone 1-2 sprinkler sets on structures at risk from natural water sources and/or relay tanks 	<ul style="list-style-type: none"> Big Prairie Creek (T11) Water Valley Park (T10) Dugouts & Ponds 	CAUTION ADVISED - Narrow dead-end roads through conifer fuel types
East of Forest Protection Area Boundary	48	45	3	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Big Prairie Creek (T11) Water Valley Park (T10) Dugouts & Ponds 	Hazardous: Old millsite with combustible slab and sawdust piles at SE22-Twp30-Rge5-W5M

Sprinkler Tactics and Resources					
Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other



BN1

BN2

WV6

WV7

WV4

Fallen Timber Cr

Burnt Timber Rd

Forest Protection Area

Big Prairie Cr

Big Prairie Cr

Gas Coop Tap

Big Prairie Cemetery

TwpRd-304

TwpRd-302

TwpRd-303

TwpRd-302

RgeRd-55

RgeRd-54

RgeRd-53

RgeRd-52

RgeRd-51

RgeRd-50

RgeRd-51

RgeRd-52

RgeRd-53

RgeRd-54

RgeRd-55

Jurisdictional Boundaries

- MD Boundary
- Pre-Plan Response Zone

Values at Risk

- Ignition-Resistant Roof
- Combustible/Unknown Roof
- Critical Infrastructure Site
- Special Value Site
- Hazardous Site
- Oil & Gas Site
- Campground
- Day Use
- Trailhead

Access

- All-Weather
- Emerg Access/Unimproved

Structure Protection Operations

- Staging Area
- Water Tender Refill Site
- Fire Hydrant
- Portable Pump Site
- Relay Tank Site
- Sprinkler Supply Line
- Sprinkler Line
- Safe Refuge Area

1:25,000

0 400 800

Meters

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS,

Structure Protection Pre-Plan - 2021

Water Valley Area – Zone WV7

Risk Assessment	
Feature	Description
Wildfire Behaviour Potential	<ul style="list-style-type: none"> Predominantly mixedwood (M-1) with patches of pure coniferous (C-3/C-2) fuels in western portion and pasture (O-1) and crop (VNF) fuels in the eastern portion Topography to west of Ridgeland Estates will have significant effect on wildfire behaviour Predominant and strongest winds from the southwest
Structural	<ul style="list-style-type: none"> Primarily ignition-resistant roofing materials, scattered structures with combustible wood-shake or old asphalt-shingle roofing materials Many structures with combustible siding and decking materials Vegetation clearance is inadequate for many structures
Infrastructure	<ul style="list-style-type: none"> ACCESS – some properties with narrow/steep/long driveways through dense coniferous fuels – CAUTION ADVISED FOR BUMP + RUN OPERATIONS. Several properties with heavy, locked gates. Un-rated private bridges on some properties. WATER SUPPLY – Dugouts and natural water sources throughout area - Pressurized fire-hydrants at Cremona POWERLINES – Overhead distribution powerlines throughout area GAS – primarily underground natural gas – scattered above-ground propane tanks and fuel tanks at risk COMMUNICATIONS – weak to no cell coverage on west-side of area

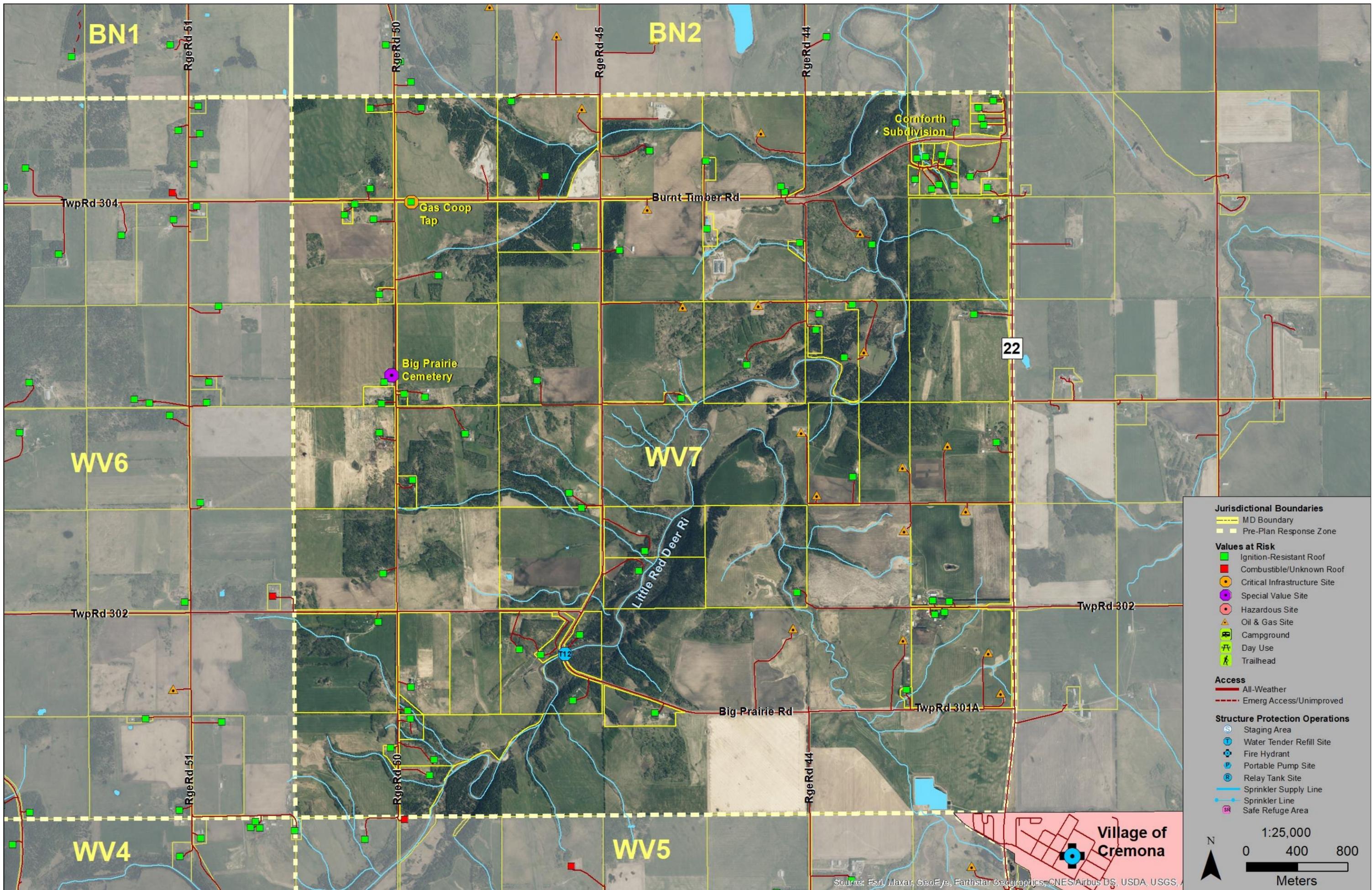
Mutual-Aid Communications		
Command	AFRRCS Channel	VHF Channel
Command	Mountain View County CET 226MTN VIEW	Prov Mutual-Aid Fire 156.855 MHz
Tactical (to be assigned at incident)	AFRRCS Channel	VHF Channel

Water Supply				
Map ID	Name	Location	Type	Delivery Method
	Pressurized Fire Hydrants – Village of Cremona 2-65mm AMA/BAT thread & 1-100mm Storz connection			
T1	Dogpound Creek	29006 - RgeRd 43	Dogpound Cr	Draft 3-6m
T2	Winchell Lake	5137 – TwpRd 290	Winchell Lk	Draft 3-6m
T3	Stony Creek	5270 – TwpRd 290	Stony Cr	Draft <3m
T4	RgeRd52 Pond	20 – 29166 RgeRd 52	Pond	Draft 3-6m
T5	Water Valley Fire Hall	5165 – Hwy 579	Underground Tank – 50,000L Slow recharge rate	Draft <3m
T6	Camp Kindle	29479 – RgeRd 61A	Pond	Draft 3-6m
T7	Silver Creek Xing	Hwy 579	Silver Cr	Draft 3-6m
T8	Anderson Valley Ranch	5442 – Hwy 579	Little Red Deer Ri	Draft 3-6
T9	Little Red Deer River	29479A – RgeRd 54	Little Red Deer Ri	Draft 3-6m
T10	Water Valley Park	30033 – RgeRd 52	Little Red Deer River	Draft 3-6m
T11	Big Prairie Creek	30156 – RgeRd 54	Big Prairie Creek	Draft 3-6m
T12	Big Prairie Rd Bridge	4516 – TwpRd 301A	Red Deer River	Draft 3-6m

Staging Areas			
Map #	Name/Address	Lat/Long	Description
S1	Water Valley	51° 32.304' 114° 36.615'	Water Valley Fire Station 5165 – Hwy579

Values at Risk/Structure Protection Operations							
Value Name	Values at Risk			Strategic Action(s)	Structure Protection Operations		Comments
	Total	Number of Structures			Tactics	Water Source	
		Ignition-Resistant	Combustible/Unknown				
Northwest-Side of Little Red Deer River	49	49	0	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Little Red Deer River Dugouts & Ponds 	Infrastructure: 1-Gas Coop Tap Special: Big Prairie Cemetery
Southeast-Side of Little Red Deer River	27	27	0	Prep & Defend	<ul style="list-style-type: none"> Bump & Run with apparatus 	<ul style="list-style-type: none"> Dugouts & Ponds Water Valley Fire Hall (T5) 	

Sprinkler Tactics and Resources					
Area	Sprinkler Tactics – refer to Sprinkler Plans	Minimum Resource Requirements			
		Pumps (Total Volume)	Supply Hose	Sprinkler Heads	Other



BN1

BN2

WV6

WV7

WV4

WV5

Comfort Subdivision

Big Prairie Cemetery

Gas Coop Tap

Burnt Timber Rd

Little Red Deer Ri

22

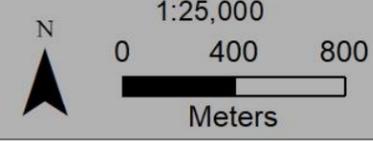
Big Prairie Rd

TwpRd 301A

TwpRd 302

Village of Cremona

- Jurisdictional Boundaries**
- MD Boundary
 - Pre-Plan Response Zone
- Values at Risk**
- Ignition-Resistant Roof
 - Combustible/Unknown Roof
 - Critical Infrastructure Site
 - Special Value Site
 - Hazardous Site
 - Oil & Gas Site
 - Campground
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