WILDLAND URBAN INTERFACE WILDFIRE THREAT ASSESSMENT WORKSHEET

☑ Pre-treatment ☐ Post-treatment

Plot #: Redfish WUI Plot 2	Community: RDCK Area E
Assessor: J. deMontreuil	Geographic Location/Street Name: Redfish FSR
Date: Mar 30, 2016	GPS/UTM:
Photos: Y ☑ N ☐ #: 4	Land Ownership: ☑ Crown ☐ Private ☐ I.R. Other (specify)

	COMPONENT /Subcomponent	LEVELS				
	Fuel	**A**	**B**	**C**	**D**	**E**
1	*Duff Depth and Moisture Regime (cm)*	1–<2 3 ☐	2–<5 Dry Zonal Wet 5 ☒ 3 ☐ 1 ☐	5–<10 Dry Zonal Wet 10 ☐ 6 ☐ 2 ☐	10–20 Dry Zonal Wet 12 ☐ 8 ☐ 4 ☐	>20 Dry Zonal Wet 15 ☐ 10 ☐ 5 ☐
2	*Surface Fuels Continuity (% cover)*	<20 0 ☐	20–40 2 ☒	41–60 3 ☐	61–80 4 ☐	>80 5 ☐
3	*Vegetation Fuel Composition*	Moss, Herbs, Irrigated Crops, Low Flammability Weeds 1 ☐	Herbs, Deciduous Shrubs 2 ☒	Lichen, Conifer Shrubs 3 ☐	Pinegrass, Juniper 4 ☐	Sagebrush, Bunchgrass, Antelope Brush, Scotch Broom 5 ☐
4	*Fine Woody Debris Continuity (<=7cm) (% cover)*	<1 coverage 1 ☐	Scattered, <10 coverage 5 ☒	10-25 coverage 7 ☐	>25 coverage, < 10 cm deep 10 ☐	>25 coverage, > 10 cm deep 15 ☐
5	*Large Woody Debris Continuity (>7cm) (% cover)*	<1 coverage 1 ☒	Scattered, <10 coverage 2 ☐	10-25 coverage 5 ☐	> 25 coverage, not elevated 7 ☐	>25 coverage, partially elevated 10 ☐
6	*Live and Dead Coniferous Crown Closure (%)*	<20 2 ☐	20–40 5 ☐	41–60 10 ☐	61–80 15 ☐	>80 10 ☒
7	*Live Deciduous Crown Closure (%)*	>80 or <40% coniferous crown closure 0 ☐	61-80 2 ☐	41–60 3 ☐	20–40 4 ☐	<20 5 ☒
8	*Live and Dead Conifer Crown Base Height (m)*	5+ or <20% conifer crown closure 0 ☐	3–5 5 ☐	2–<3 7 ☐	1–<2 10 ☐	< 1 15 ☒
9	*Live and Dead Suppressed and Understorey Conifers (stems/ha)*	0-500 2 ☐	501-1000 5 ☐	1001-2000 10 ☒	2001-4000 20 ☐	>4000 30 ☐
10	*Forest Health (% of dominant and co-dominant stems)*	Standing Dead and Partly Down < 5 or <20 stems/ha 0 ☐	Standing Dead and Partly Down 5-25 5 ☒	Standing Dead and Partly Down >25-50 10 ☐	Standing Dead and Partly Down >50 - 75 20 ☐	Standing Dead and Partly Down >75 30 ☐
11	*Continuous Forest/Slash Cover within 2km (%)*	0-20 0 ☐	21-40 3 ☐	41-60 5 ☐	61-80 7 ☐	>80 10 ☒

Sub Total 70 **/155***

	Weather	**A**	**B**	**C**	**D**	**E**
12	*Biogeoclimatic Zone*	AT, Irrigated 1 ☐	CWH, CDF, MH Dry Zonal Wet 5 ☐ 3 ☐ 1 ☐	ICH, SBS, ESSF Dry Zonal Wet 10 ▪ 7 ☐ 3 ☐	IDF, MS, SBPS, CWH ds1 & ds2, BWBS, SWB – Dry Zonal Wet 15 ☐ 10 ☐ 5 ☐	PP, BG 15 ☐
13	*Historical Wildfire Occurrence (by WMB Fire Zone)*	G5, R1, R2, G6, V5, R9, V9, V3, R5, R8, V7 1 ☐	G3, G8, R3, R4, V6, G1, G9, V8 5 ☐	G7, C5, G4, C4, V1, C1, N6 8 ☐	K1, K5, K3, C2, C3, N5, K6, N4, K7, N2 10 ☐	N7, K4, K2, N1 15 ☒

Sub Total 25 **/30**

	Topography	**A**	**B**	**C**	**D**	**E**
14	*Aspects (>15% slope)*	North 0 ☐	East 5 ☐	<16% slope all aspects 10 ☐	West 12 ☐	South 15 ☒
15	*Slope (%)*	<16 1 ☐	16–29 and max score for North slopes 5 ☐	30–44 10 ☒	45-54 12 ☐	>55 15 ☐
16	*Terrain*	Flat 1 ☐	Rolling 3 ☐	Sloped terrain, minor low relief draws 5 ☐	Consistent slope, deep draws or shallow gullies 7 ☒	Consistent slope, deep gullies 10 ☐
17	*Landscape/ Topographic Limitations to Wildfire Spread*	< 5 ha isolated forest land 1 ☐	North and/or east aspects dominate, wildfire spread restricted from South and/or West 2 ☐	Mountainous terrain, broken topography, regular aspect and slope changes, multiple restrictions to wildfire spread large water bodies 5 ☐	Rolling terrain, minor water bodies, minimal aspect and slope changes, minor restrictions to wildfire spread 10 ☐	Continuous, consistent topography No restriction to wildfire spread 15 ☒

Sub Total 47 **/55**

FUEL, WEATHER AND TOPOGRAPHY **WILDFIRE BEHAVIOUR THREAT SCORE** 142 **/240****

	Structural	**A**	**B**	**C**	**D**	**E**
18	*Position of Structure/* Community on Slope	No Structures Values within 2 km 0 ☐	Bottom of slope, valley bottom 5 ☒	Mid-slope benchland, elevated valley, <16% slope 10 ☐	Mid-slope continuous, >15% slope 12 ☐	Upper 1/3 of Slope 15 ☐
19	*Type of Development*	No Structures Values within 2 km 0 ☐	Perimeter Interface, no inclusions 3 ☒	Perimeter Interface, with inclusions 5 ☐	Intermix > 1 structure/ha 8 ☐	Intermix <1 structure/ha Infrastructure 10 ☐
20	*Position of Assessment Area* Relative to Values	No Structures Values within 2 km 0 ☐	Above >500 200-500 <200 m 1 ▪ 10 ☐ 20 ☐	Sidehill >500 200-500 <200 m 1 ☐ 12 ☐ 25 ☐	Flat/Rolling >500 200-500 <200 m 1 ☐ 12 ☐ 25 ☐	Below >500 200-500 <200 m 1 ☐ 15 ☐ 30 ☐

*Proceed only if Fuel sub total is>29.

** Proceed to Structural component only if Wildfire Threat Behaviour Score is >95 for untreated polygons.

WILDLAND URBAN INTERFACE WILDFIRE THREAT SCORE 9 **/55**

TOTAL WILDFIRE THREAT SCORE 151 **/295**

Wildfire Behaviour Threat Class (check applicable class)

Low	0-40	☐
Moderate	41-95	☐
High	96-149	☒
Extreme	>149	☐

Wildland Urban Interface Threat Class (check applicable class)

Low	0-13	☒
Moderate	14-26	☐
High	27-39	☐
Extreme	>39	☐

Last Updated: January 24, 2013