**Project Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Unit Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Wildfire-Risk Assessment**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Relative Leveling Points** | **0** | **1** | **2** | **3** | **4** | **5** | **Total** |

1. SITE SPECIFICS

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Slope % (average) | <10 | 10-20 | 21-30 | 31-40 | 41-60 | >60 |  |
| Aspect Inside Unit | ------ | N | NE,NW | E,W, Flat | SE,SW | S |  |
| Fuel Model Inside Unit | ------ | 8 | 1,5 | 9 | 2,11 | 3,4,10,12 |  |
|  |  |  |  |  | **A. SUBTOTAL** | |  |

1. CONTAINMENT FACTORS FOR ESCAPED RUNNING HEAD-FIRE

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Projected Flame Len.- ft. | <1.0 | 1.0-1.5 | 1.6-2.0 | 2.1-4.0 | 4.1-8.0 | >8.0 |  |
| Projected R.O.S. – ch/hr. | ------ | <2 | 2-4 | 5-7 | 8-10 | >10 |  |
| Line Product Rate – ch/hr. | >20 | 19-20 | 16-18 | 13-15 | 10-12 | <10 |  |
| Fireline Width-ft. | Island | >16 | 13-16 | 9-12 | 3-8 | <3 |  |
| Fuel Model – Outside Unit (most prevalent) | ------ | 8 | 1,5 | 9 | 2,11 | 3,10,12 |  |
| Position on Slope | ------ | Top, Flat | Upper 1/3 | Middle 1/3 | Lower 1/3 | Bottom |  |
| Unit Configuration |  |  |  |  |  |  |  |
| Unit Size - Acres | ------ | <10.0 | 10.1-20.0 | 20.1-30.0 | 30.1-40.0 | >40.0 |  |
| % Continuity of Fuel Adjacent to Burn Unit | <15 | 15-25 | 26-35 | 36-50 | 50-75 | >75 |  |
| Time of Ignition | 21-0600 | 06-0800 | 08-1000 | 10-1200 | 1200-1400 | 14-1600 |  |
|  |  |  |  |  | **B. SUBTOTAL** | |  |

1. PRESCRIPTION PARAMETERS

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Mid-Flame WS - mph | ------ | 3-4 | 5-6 | | 7-8 | 9-15 | <3 or >15 |  |
| 1 hr. Fuel Moisture-%  Fuel Model 1 or 2 Only | 12 | 11 | 10 | | 9 | 8 | <8 |  |
| 1 hr. Fuel Moisture-%  Fuel Model 3 Only | >25 | 22-25 | 18-21 | | 14-17 | 10-13 | <10 |  |
| 1 hr. Fuel Moisture-%  Timber/Slash Group Only | >20 | 19-20 | 16-18 | | 13-15 | 10-12 | <10 |  |
| Relative Humidity-% | >75% | 56-75% | 46-55% | | 36-45% | 25-35% | <25% |  |
| Live Fuel Moisture-% | >300 | 201-300 | 151-200 | | 101-150 | 50-100 | <50 |  |
| Drought Index (KBDI) | <100 | 101-200 | 201-300 | | 301-400 | 401-500 | >500 |  |
|  |  |  |  | |  | **C. SUBTOTAL** | |  |
| **RATIONALE:** | | | | **TOTAL POINTS (A.+B.+C.)**  **<45 = LOW RISK**  **45-75= MODERATE RISK**  **>75= HIGH RISK**  **FINAL ESCAPE-RISK RATING\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | | | | |