COMPLEXITY ANALYSIS

INCIDENT NAME: McDonald

DATE: 7/30/10, 09:30

A. FIRE BEHAVIOR 1. Burning index (from on-site measurement of weather conditions) predicted to be above the 90% level using the major fuel model in which the fire is burning. 2. Potential exists for extreme fire behavior (fuel moisture, winds, etc.) X 3. Crowning, profuse or long-range spotting. 4. Weather forecast indicating no significant relief or worsening conditions. X TOTAL 3 B. RESOURCES COMMITTED 1. 200 or more personnel assigned. X 2. Three or more divisions. X 3. Wide variety of support personnel. 4. Substantial air operation which is not properly staffed. 5. Majority of initial attack resources committed. TOTAL 2 C. RESOURCES THREATENED 1. Urban interface. 2. Developments and facilities. X 3. Restricted, threatened, or endangered species habitat. X 4. Cultural sites. 5. Unique natural resources, special-designation areas, wilderness. X 6. Other special resources. TOTAL 3 D. SAFETY 1. Unusually hazardous Fireline construction. 2. Serious accidents or fatalities. TOTAL 3 D. SAFETY 1. Unusually hazardous Fireline construction. 2. Serious accidents or fatalities. TOTAL 0 E. OWNERSHIP 1. Fire burning or threatening more than one jurisdiction. 2. Potential for claims (damages). X Disputes over suppression responsibility. 5. Potential for unified command.	N ₁
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	X
TOTAL 1	Х
TOTAL I	4

INCIDENT COMPLEXITY ANALYSIS	YES	NO
F. EXTERNAL INFLUENCES		
1. Controversial fire policies.		Х
2. Pre-existing controversies/relationships.		Х
3. Sensitive media relationships.		Х
4. Smoke management issues.		Х
5. Sensitive political interests.		X
6. Other external influences.		Х
TOTAL	0	6
G. CHANGE IN STRATEGY		
1. Change in strategy.		Х
2. Large amounts of unburned fuel within planned perimeter.		Х
3. WFDSS invalid or requires updating.	Х	
TOTAL	1	2
H. EXISTING OVERHEAD		
1. Worked two operational periods without achieving initial objectives.		Х
2. Existing management organization ineffective.		Х
3. Overhead overextended mentally and/or physically.		Х
4. Incident action plans, briefing, etc. missing or poorly prepared.		Х
TOTAL	0	4

RATIONALE: This incident has 6 Divisions, 600+ personnel and is approximately 80% contained. With the number of personnel, size of fire, aircraft utilization, and logistical support needs, it remains as Type 2 complexity. With the predicted wind speeds over the next couple days, this incident will likely sustain the characteristics of a Type 2 incident.

Kent Swartzlander, Incident Commander