GIS for Wildfire Management
Mad River and Route Complex Fires
Northern California
August, 2015
Want to Work a Fire?

1. Get supervisory permission
2. Attend an S-341 class
3. Contact your Region to become a priority trainee and contact teams
4. Make yourself available in ROSS
5. Wait……..
# INCIDENT QUALIFICATION CARD

<table>
<thead>
<tr>
<th>Name</th>
<th>Employee Id</th>
<th>Refresher</th>
<th>Fitness</th>
<th>Expiry</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duke, Jason</td>
<td>00000085387</td>
<td>TN-CVER</td>
<td>Not Req</td>
<td></td>
</tr>
<tr>
<td>Cookeville Ecological Services</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## QUALIFIED POSITIONS

<table>
<thead>
<tr>
<th>Status</th>
<th>Position</th>
<th>Description</th>
<th>Curr Exp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q</td>
<td>GISS</td>
<td>GIS Specialist</td>
<td>Aug/17/20</td>
</tr>
<tr>
<td>Q</td>
<td>THSP</td>
<td>Technical Specialist</td>
<td>Feb/27/19</td>
</tr>
<tr>
<td>T</td>
<td>CTSP</td>
<td>Computer Technical Specialist</td>
<td>Aug/17/20</td>
</tr>
</tbody>
</table>

Fold Card Here

## Certification

Certifying Official

**RICHARD STRUHAR**

Title: U.S. Fish and Wildlife Service, Regional Office, Department of the Interior, U.S. Government

Date: 2015.08.17 16:28:58-0400
Route Complex

Six Rivers National Forest

Subject: Long Duration Marijuana Smoke Exposure
Date: August 7, 2015

Firefighters and support personnel assigned to the Route Complex have likely been exposed to low level concentrations of marijuana in smoke during their assignment to the Complex as tens of thousands of marijuana plants have burned during the incident. This potential exposure has been exasperated by an inversion over the fire area which has prevented the ventilation of smoke off of the fire ground. This inversion has forced personnel to live and work in smoky conditions which have a high probability of containing particulate matter generated from the burning of marijuana.

While research on the effects of low level exposure to second hand marijuana smoke is limited, the National Institute of Drug Abuse has published findings that in poorly ventilated settings multiple positive results occurred in urine samples at the 20 ng/mL level. The study concluded that while positive tests are likely to be rare, limited to the hours immediately post-exposure, and occur only under environmental circumstances where exposure is obvious, there is a possibility of a positive drug test result from second hand smoke exposure (http://www.ncbi.nlm.nih.gov/pubmed/25326203, accessed August 7, 2015).

This notice is being provided as documentation of a potential exposure to second hand marijuana smoke by personnel assigned to the Route Complex. Local units are provided this information to assist in the administration of their local drug test programs.

Signed:

Norm Walker
Incident Commander -- Route Complex