## Simmons Road Fire

NC-NCS-11-009-049
Bladen and Cumberland Counties

***Heat index 1145*** Incident Action Plan

Day/Night Operational Periods
4. Operational Period Day (0730-1930 hrs)

7/22/2011 Friday
5. General Control Objectives For The Incident

1. Ensure the safety of firefighers, emergency responders, and general public is our number one priority. We do this through:

- Strict adherence to the 10 Standard Fire Orders.
- Mitigating all 18 Watch Out Situations.
- Implementing LCES (Lookouts, Communications, Escape Routes, and Safety Zones).
- Maintaining Situational Awareness.
- Conducting Hazard / Risk Assessments throughout the day.
- Conduct "tailgate" briefing on the line with an emphasis on personnel safety, health and wellfare.

2. Keep the Simmons Road Fire contained to the following boundaries:

- East of Hwy 53; North of Live Oak Methodist Church Road; West of Suggs Mill Pond; South of Turnbull Road

3. Continue to improve direct firelines that will provide long term containment and control. Minimize impact to Bushy Lake Natural Area by operating flextracks from within the burned area.
4. Mop Up hot spots around fire perimeter identified by Situations UL on Infrared Heat Map. Watch for reburning and flare-up and take appropriate actions as needed.
5. Provide structure protection in conjunction with Cumberland and Bladen EM to residents of Turnbull Rd, Avery Rd and Squatting Bear Road. Monitor fire situation and initiate evacutions should trigger point be breached.
6. Provide a constant flow of accurate and timely information to local Fire Dept., Emergency Mgmt. citizens and media outlets.
7. Continue rehabilitation \&/or repair work as suppression efforts allow. Identify needs and route thru chain-ofcommand to SITL. Focus is on mitigating safety hazards and negative impacts to water quality \& damage to property.
8. Follow NC Forest Service financial guidelines contained in the Incident Business Manual, to ensure cost effective incident management. Ensure complete documentation for FMAG (Fire Management Assistance Grant).
9. Evaluate resource and staffing needs daily to provide for a smooth and coordinated incident transition.
10. Weather Forecast For Period

See the attached Weather / Fire Behavior Forcast
7. General Safety Message

See the attached Safety Message
8. ATTACHEMENTS (X IF ATTACHED)
[X] Organization List - ICS 203
[X] Division Assignment Lists - ICS 204
[X] Communications Plan - ICS 205
[X] Medical Plan - ICS 206
[x] Incident Map
[X] Air Ops Summary ICS 220
[X]
[ ]
[ X ] Phone List
9. Prepared By (Planning Section Chief)

## 1. Incident Name

## Simmons Road Fire



## Major Hazards and Risks:

SLIPS, TRIPS \& FALLS- Fatigue increases the risk of slips, trips \& falls. Pay close attention to footing and watch for stump holes \& ash pits.
HYDRATION/HEAT STRESS - Heat index will be high again today Be sure to drink plenty of fluids (before you get thirsty), and take frequent breaks. Watch your co-workers for heat related symptoms.
SNAGS-Stay out of area, essential fire line personnel only, look at root system before working/parking. IRPG pg. 20.
COMPLACENCY-Remember Situation Awareness Keep focus on objectives, communication, previous fire behavior, weather forecast local factors.
DRIVING- Drive defensively. Backing accidents are common with this type incident. Use spotters when backing and blow your horn to alert personnel of your actions. Use headlights on dusty roads. Observe travel restrictions in Demob plan. Safe travel home is part of the assignment.
PERSONAL HYGIENE- Practicing good hygiene will prevent the spread of illness and disease. Washing stations will be set up at various places at the staging area. Use them before eating, and after visits to the rest room.
AIR DROPS- Be alert. Stay out of drop area. Both the approach and departure routes are dangerous to ground personnel. Manage helicopter dip sites to minimize exposure for ground forces. Use Air to Ground channel.
FIRE BEHAVIOR - Maintain situational awareness, follow 10 Standard Orders, recognize / mitigate the 18 Watch Out Situations, and apply LCES. Know the fire weather forecast. Monitor conditions for change.
ENVIRONMENTAL HAZARDS - Watch for and stay away from rattlesnakes, fire ants and wildlife. Keep all foods secured. Bring all trash off the line. Use insect repellent for ticks. Report tick bites to Medical Unit Leader. TRANSITION- This is one of the most dangerous times on the fire. Everyone is trying to get oriented on the fire and what is happing on the fire. Be patient get all of your information do not let your counterpart go until you feel you have a handle on your situation.

Accidents: Contact your supervisor and inform him/her. Follow emergency procedures at bottom of medical plan. Lightning Activity Level (LAL) 1 through 6. Page 76 in IRPG!

## WARNING SIGNS OF ASH PITS

> Areas of white ash with little or no smoke.
> Swarms of gnats hovering over an area.
$>$ Areas of sunken ground or change in elevation over an area.
> After a rain the ground will appear to have a crust (orange tint) due to heating and drying of the surface.
> Extensive lateral tree roots exposed.
> No smoke and the smell of organic material burning.
> Burned out stump holes.

## REASONS WHY PEOPLE CHOOSE NOT TO WEAR PERSONAL PROTECTIVE EQUIPMENT

1. This won't take long to do.
2. It is going to take longer to put on the PPE than to do the task/job.
3. To hot to wear PPE.
4. I won't get hurt.
5. I don't have the correct PPE.
6. PPE is not available.
7. Do not think about using PPE.
8. Is not aware PPE is required.
9. Is supervisor around? No. Good, I am going to do it my way. (ATTITUDE)
10. I saw the supervisor do this without using PPE so I can.
11. I've done this task/job numerous times without using PPE and not gotten hurt.
12. Who really cares if I use PPE or not.

Step 1. Division Supervisor - Will announce "All Units Hold Traffic For Medical Emergency"
Step 2. Division Supervisor - Will relay the following information to Communications on both Viper radio and Command Channel 11: Division / Nature Of Injury Or illness / Number Of Injured Or ill / Patients Location
Step 3. Communications - Will Contact 911 Direct and relay information.
Step 4. Communications - Will Then Contact Medical Unit Leader, Incident Commander, Safety Officer, And Operations Chief to advise Of The Medical Emergency
Step 5. Medical Unit Leader - Will Take Command Of Medical Emergency Operations In Commmunications Unit Along With the Assistance of Ops Chief, Air Ops, SOF, and IC.
Step 6. Operation Chief - Will Advise Air Ops if air transport will be utilized.
Step 7. Division Supervisor \& Medical Unit Leader - Should Record Incident On 214 ASAP.

|  | IC | SOF | OSC | Logistic Section Chief |
| :---: | :---: | :---: | :---: | :---: |
| 1 | Ensure the protocol is being followed | Initiates the investigation of the emergency and makes the recommendation for an accident investigation team, CISD, Hazmat, etc. to the IC | Provide oversight to ensure: <br> 1) an accurate size up was obtained <br> 2) Scene safety <br> 3) Priorities are appropriate <br> 4) Appropriate resources are requested | MEDL Coordinates EMS response as appropriate |
| 2 | Notifies Agency Administrator or Rep. contacts Sherriff or Medical Examiner, in the event of a fatality. The IC or his/her rep. will also contact other appropriate agency representitives. | Ensure that accident site is secured. | Provide direction and support to Branch Director or DIVS as requested or necessary | Requested designated note taker should record all related radio trafific of the medical emergency. Have COML or others assist as necessary |
| 3 | Request a Critical Incident Stress Debriefing Team (CISD), through the agency administrator. | Begins preliminary investigation with a minimum of the names of parties involved and initial written statements completed by witnesses. |  | Coordiante security of scene with SOF/OPS |
| 4 |  | Deligates to and directs SOFR(s) |  | Arrange to have a rep. respond to the medical facility |
| 5 | Liason will coordinate additional logistical support for affected personnel. (i.e. housing and transportation) |  |  |  |

Forecast Issued: 1730 hrs Thursday 7/21/2011
Operational Period: Friday 7/22/2011
.DISCUSSION...
EXTREMELY HOT AND HUMID WEATHER IS EXPECTED FRIDAY THROUGH SUNDAY WITH HIGH TEMPERATURES AT OR ABOVE 100 DEGREES. ISOLATED THUNDERSTORMS ARE POSSIBLE...PARTICULARLY DURING THE AFTERNOONS AND EARLY EVENINGS...BUT COVERAGE SHOULD ONLY BE 10-20 PERCENT. A MODERATE SOUTHWESTERLY LOW LEVEL JET IS EXPECTED TO DEVELOP TONIGHT AND AGAIN FRIDAY NIGHT...WITH WIND SPEEDS AT 1000 FT AGL INCREASING TO 2530 MPH BOTH NIGHTS. THIS WILL PREVENT DEEP SURFACE INVERSIONS FROM DEVELOPING...AND NIGHTTIME SMOKE DISPERSION SHOULD BE A LITTLE BETTER THAN IN PREVIOUS NIGHTS.

Today will be mostly sunny with isolated showers and thunderstorms early in the afternoon.
Max Temp 102 degrees, Min RH 40\%, **HEAT INDEX 114**
Southwest winds 5 to 8 mph . Expect gusty and erratic winds near thunderstorms.

| Time | $\mathbf{0 8 0 0}$ | $\mathbf{1 0 0 0}$ | $\mathbf{1 2 0 0}$ | $\mathbf{1 4 0 0}$ | $\mathbf{1 6 0 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Temp | 81 | 30 | 96 | 99 | 101 |
| RH | 82 | 63 | 49 | 43 | 40 |
| Wind | SW5G10 | SW4G5 | SW5G10 | SW6G10 | SW5G10 |

Tonight becoming partly cloudy.
Min Temp 78 degrees, RH $\mathbf{9 0 \%}$, winds southwest at 4 to 7 mph

| Time | $\mathbf{1 8 0 0}$ | $\mathbf{2 0 0 0}$ | $\mathbf{2 2 0 0}$ | $\mathbf{2 4 0 0}$ | $\mathbf{0 2 0 0}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Temp | 99 | 92 | 86 | 82 | 80 |
| RH | 44 | 56 | 70 | 81 | 87 |
| Wind | SW6G10 | S5G10 | SW5G10 | S4G5 | S4G5 |

Local Thresholds - Watch Out (Fire Danger Pocket Card) Wind Speed > 7mph RH < 38\% Temp >77

## Previous Fire Behavior

Smoldering ground fire was observed along with creeping surface fire burning in the litter layer.

## Predicted Fire Behavior

Ground fire continues to spread in the bays as the organic soils continue drying. Expect continued smoldering and active fire in the organic soils. Ground fire will be the ignition source for cured and green fuels to burn/reburn and cause torching and spotting. Expect reburn in areas with heavy needle cast and smoldering ground fire.

| Fuel Model | ROS Chains/Hr | Flame Length | Spot Distance Feet | POI |
| :--- | :---: | :---: | :---: | :---: |
| sh9 - Carolina Bay | 22 | 13 | 500 | $53 \%$ |
| tl8 - Sand Ridge | 2 | 2 | 500 | $53 \%$ |

Turnbull Creek (319302) Predicted NFDRS Indices for Today for Fuel Model O

| 1 hour fuel moisture | 10 hour fuel moisture | 100 hour fuel moisture | 1000 fuel moisture | BI | IC | ERC | KBDI |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 7\% <br> No Change <br> ( 24 Hr trend) | 9\% No Change (24 Hr trend) | $\begin{gathered} \text { 14\% } \\ \text { Down } 1 \\ (24 \mathrm{Hr} \text { trend) } \end{gathered}$ | $\mathbf{1 7 \%}$ Down 1 (24 Hr trend) | 76 Down 6 (24 Hr trend) | $\mathbf{2 2}$ Down 2 (24 Hr trend) | $\begin{gathered} \hline 48 \\ \text { No Change } \\ \text { (24 Hr tend) } \end{gathered}$ | $\mathbf{5 4 7}$ <br> Up 12 <br> (24 Hr trend) |

Controllability- Direct attack with heavy equipment in the bays and sand ridges can be accomplished if winds are not gusting. Aircraft should always be utilized in the containment effort.






8. Special Instructions

Keep 911 advised of smoke impacts.
Have LCES in place for all operations.

| 9. Division/Group Communication Summary |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Function | Frequency | System | Channel | Function | Frequency | System | Channel |
| Command and Communication | Rx 151.175 <br> tone 136.5 <br> Tx 159.315 <br> tone 131.8 | King <br> NIFC | INC 11 | In District | Rx 151.280 <br> tone 131.8 <br> Tx 159.360 <br> tone 131.8 | King <br> NIFC | D8 DELCO |
| Tactical Div/Group NIGHT |  |  | Bladen County 800/VIPER | Air to Ground |  | King <br> NIFC |  |
| Prepared by (Resource Unit Leader) Justin Query |  | Approved by (Planning Section Chief) Greg Hicks |  |  | Date |  | $\begin{array}{\|r\|} \hline \text { Time } \\ 1930 \end{array}$ |


| INCIDENT RA | COMMU | TIONS PLAN |  | 1. Incident Name SIMMON'S ROAD FIRE |  |  | 2. Date Time Prepared 7/21/2011 | 3. Operational Period Date/Time 7/22/2011 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MODE: W=WIDE, N=NARROW |  |  |  |  |  |  |  |  |
| System/cache | CH \# | Function | Frequency |  | Tone | Mode | Assignment | Remarks |
| NCFS | INC 1 | TAC | RX: | $\begin{array}{\|l\|} \hline 151.4000 \\ \hline 151.4000 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline 136.5 \\ \hline 136.5 \\ \hline \end{array}$ | W | DIVS P, S, T |  |
| NCFS | INC 2 | TAC | RX: | $\begin{array}{\|l\|} \hline 151.4600 \\ \hline 151.4600 \\ \hline \end{array}$ | $\begin{array}{\|l} \hline 136.5 \\ 136.5 \end{array}$ | W | DIVS. $A, B, D, E, F, \& G$ |  |
| NCFS | INC 3 | TAC | RX: | 151.3100 | 136.5 | W | DIV N,O |  |
| NCFS | INC 4 | TAC | RX: | 151.2650 | $\begin{array}{\|l\|} \hline 136.5 \\ 136.5 \end{array}$ | W | DIV J |  |
| NCFS | INC 6 | TAC | RX: | $\begin{aligned} & 151.1600 \\ & \hline 151.1600 \end{aligned}$ | $\begin{array}{\|l\|} \hline 151.4 \\ \hline 151.4 \\ \hline \end{array}$ | W |  |  |
| NCFS | INC 8 | AIR TO GROUND | RX: | $\begin{array}{\|l\|} \hline 171.5750 \\ \hline 171.5750 \\ \hline \end{array}$ | $\begin{aligned} & 131.8 \\ & \hline 131.8 \end{aligned}$ | N | ALL DIVS. | Simmons Air to Ground |
| NCFS | INC 11 | COMMAND | RX: | $\begin{array}{\|l\|} \hline 151.1750 \\ \hline 159.3150 \\ \hline \end{array}$ | $\begin{aligned} & 136.5 \\ & \hline 131.8 \\ & \hline \end{aligned}$ | W | OPERATIONS\&COMMUNICATIONS |  |
| USFS | INC 13 | AIR TO GROUND | $\begin{array}{\|l\|} \hline \text { RX: } \\ \hline \text { TX: } \end{array}$ | $\begin{array}{\|l\|} \hline 164.1500 \\ \hline 164.1500 \\ \hline \end{array}$ | none none | N | ALL DIVS. | Juniper Air to ground |
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| 5. Prepared by (Communications Unit) Sam Bodenhamer / COMT |  |  | Viper radios should only operate on Charlie 1, 2, \& 3 |  |  |  |  |  |

Note: This is not a standard NWCG ICS205 Form



## Trigger Points for the Simmons Road Fire Evacuation Plan

## ACTION:

If any of the following Trigger Points are reached, contact OSC Walker who will activate the Simmons Road Evacuation Plan

1. Turnbull Road, Squatting Bear Road, and Avery Road - Cumberland County.

Should the fire escape containment lines and become established moving to the north from Divisions N, O, P.
2. Turnbull Road, AB Smith Road, and/or NC Highway 53-Cumberland County.

Should the fire escape and become established from B11 moving to the north on Divisions P and S.
3. Tom Burns Road and/or NC Highway 53 - Cumberland County

Should the fire escape containment lines and become established moving to the north from Divisions B and J.
4. Simmons Road, Gilbert Edge, Live Oak Church Road, Neighbor Road, and/or Frank Smith Road- Bladen County.

Should the fire escape and become established and moving to the south near Simmons Road and Frank Smith Roads on Divisions A, G, and F.

## Simmons Road Demob Procedures

> Demob list will be posted on the Information board at the Live Oak Staging Area and the Simmons Road ICP with Demob (Travel) Dates. This is your actual demob date and not your last work day that is listed in the IAP.
> Check-out will start with vehicle inspections at the Live Oak Staging Area. Ground Support will complete vehicle post inspections. Pink and Yellow copies of the vehicle inspection form will be given to the resource demobing. The only exception to this will be post inspections for heavy equipment which will be completed at Bladen Lakes State Forest.
> Resources will then come to the Simmons Road ICP to complete the demob process. Resources should first go the Demob Unit Leader to get there Demobilization Checkout form (ISC-221). The Demob Unit Leader will sign off for ground support once the Pink and Yellow copies of the vehicle inspections are presented.
> Resources will then proceed through the designated units for signatures and return to the Demob Unit Leader once all signatures are received.
$>$ Demob at the ICP will start in the mornings at 0830 hours.

SIMMONS ROAD FIRE CONTACT LIST*** July 22, 2011

| Name | Position | Phone | Name | Position | Phone |
| :---: | :---: | :---: | :---: | :---: | :---: |
| COMMAND |  |  | OPERATIONS |  |  |
| Brandon, Dan | ICT2 | 704-616-2252 | Walker, David | OSC2 (Lead/Planning) | 828-231-4095 |
| Huffman, Mike | LOF2 | 919-218-9060 | Hardison, Mike | OSC2(Planning) | 910-770-0810 |
| Miller, Roger | IOF2 | 828-499-1911 | Lafon, David | OSC2(Field) | 252-312-4367 |
| White, Tom | SOF2 | 910-334-0029 | Little, Don | DIVS (N,O) | 704-438-1074 |
| Kretzschmar, Mike | SOF2 | 828-413-2588 | Wahlers, Dennis | DIVS (J) | 828-244-9339 |
|  |  |  | Poole, David | DIVS(A,B,D,E,F,G) | 704-647-1020 |
|  |  |  | Niemyer, Sam | DIVS(P,S,T) | 910-334-0030 |
|  |  |  |  | DIVS |  |
| AGENCY ADMINISTRATORS |  |  | AIR OPERATIONS |  |  |
| Pate, Greg | NCDFR | 252-560-5018 | Carson, Hugh | AOBD | 970-778-7078 |
|  |  |  |  | ATGS |  |
| AGENCY REPRESENTATIVES |  |  | Sexton, Brian | HEB2 | 805-350-3717 |
| Kinlaw, Bradley | Bladen Co. EM | 910-874-2500 | Scherm, Tim | HMGB | 304-940-3699 |
| Hall, John | Bladen Co. EM | 910-876-3100 | Phelps, Tina | Tanker Coord. | 218-969-3333 |
| Mitchell, Tim | Cumberland Co. EM | 910-818-6469 | Sutherland, Chris | HMGB | 509-668-1592 |
| Freeman, Shane | NC State Parks | 910-876-1389 | Dott, Tracy | HMGB | 805-722-0170 |
| German, Garett | Brushy Creek Nat. Area | 910-874-0059 | Carothers, Bill | HMGB | 828-273-4327 |
| Stein, Doug | Progress Energy | 910-742-5230 | Noble, Vean | ATGS | 907-252-5318 |
| Smith, Spencer | Progress Energy | 910-512-5664 | LOGISTICS |  |  |
| Manwaring, Robert | San Dimas Tech Ctr | 626-224-0123 | Barrow, Neil | LSC2 | 252-560-6478 |
|  | Smoke Exposure Study |  | Robert Creech | LSC2 | 910-640-7859 |
| PLANS |  |  | Pittman, Kevin | SPUL | 919-218-7732 |
| Hicks, Greg | PSC2 | 919-545-4501 | Fay, Susan | ORDM | 919-548-5837 |
| Query, Justin | RESL | 828-446-1315 | Smith, Jim | COMT | 336-239-1847 |
| Bledsoe, Gail | RESL | 919-613-0762 | Bodenhamer, Sam | COMT | 828-230-9008 |
| Bost, Mark | SITL | 919-545-4499 | Welker, Eric | RADO | 336-239-6834 |
| Paris, Dakota | DOCL | 336-978-1725 | Cleland, Troy | FACL / FDUL | 252-229-1997 |
| Ludlum, Scott | FBAN | 252-903-8007 | Jones, Bobby | FACL | 252-526-1472 |
| McBryde, John | FOBS | 919-698-2457 | Harper, Jesse | GSUL | 252-526-1473 |
| Palmer, Kelli | DMOB | 828-292-2950 |  | MEDL |  |
| FINANCE |  |  | Bell, Gavin | EQPM / MECH | 704-813-9127 |
| Roach, Don | FSC2 | 919-218-4554 | Honeycutt, Ricky | EQPM | 828-450-2665 |


| Faustini, Louise | PA | $910-874-5348$ |
| :--- | :--- | :---: |
| Carnett, Chasity | PA | $910-874-4984$ |
| Plummer, Beth | COST | $704-616-0747$ |
| Anglero, Edna | PTRC |  |
| Newsome, Darlene | EQTR | $252-286-6062$ |
| Tripp, Teresa | TIME | $919-753-6372$ |
| James, Tom | CTSP | $919-218-9432$ |

Simmons Rd Fire ICP Address:
Bladen Lakes Primary 9554 Johnsontown Rd,
Elizabethtown NC 28337
*** NOTE : Cell phone coverage over the Fire Perimeter is very poor to non-existent.



| (continuation): | Notable Activities |
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| Date/Time |  |
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