



MEMORANDUM

To: Mark Poindexter, NCDENR - SWS

From: Greg Richardson and Stacey Smith, RSG *GR*

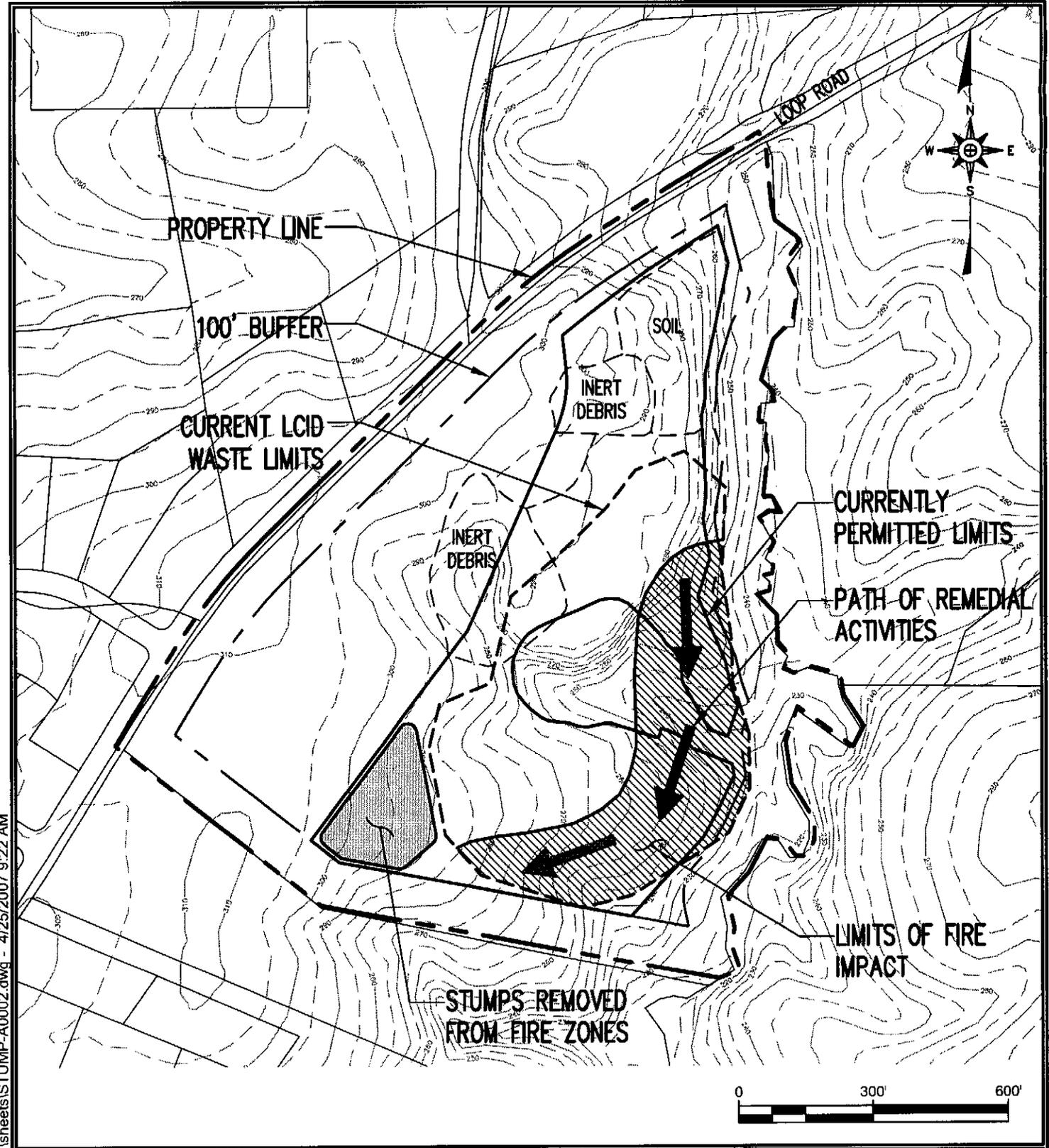
Date: April 25, 2007

**Subject: Fire Suppression / Interim Closure Outline
Stump Dump LCID, Johnston County**

We walked the referenced LCID on Sunday, April 22 with the Boyette's to evaluate both the current condition of the fire impacted face and to discuss their ability to implement remedial alternatives. Based on this meeting, the following plan was outlined:

1. The following procedures will be implemented moving from the Northeast limits of disturbance related to the fire moving south and wrapping around the Southern face to the Southwest limit of the disturbance related to the fire.
2. All existing wood piles will be ground and removed from the site. Ground wood will be transported offsite for use as fuel (Craven County wood energy) and potential markets for mulch will be explored. In addition to the wood piles beyond the limits of disturbance related to the fire, clean non-stump wood waste from within the limits of the fire will also be removed and ground. This is particularly important on the south face of the LCID where piles of smaller timbers are piled against trees growing within the buffer zone.
3. Piles of ground wood will be limited to less than 15-ft in height and placed only over soil or inert waste areas. No ground wood piles will be maintained within the limits of disturbance related to the fire. If grinding takes place within the limits of disturbance, the processed wood must be loaded into trailers as it is ground and then removed from the site.
4. The ground wood mulch can be applied to the top of the LCID beyond the limits of disturbance related to the fire to a depth not to exceed 6-inches.
5. Spot locations where smoke is present will be excavated to expose the source of the fire and flooded. These excavations will be backfilled only with soil or inert materials. Charred wood removed from these locations that cannot be ground will be placed directly on recently cleared ground at the western limits of the permitted footprint.
6. Final/Interim cover will be placed as the above steps are completed. This cover will consist of a minimum of 24-inches of tracked soil. The soil cover must extend to the toe of the slopes and be placed in a clockwise direction over the limits of the disturbance related to the fire.
7. The Final/Interim cover must be vegetated or mulched to limit erosion.
8. The perimeter channel along the eastern limit of waste will be re-graded and maintained to divert all runoff to a sediment trap prior to discharge to Perry Creek.

Currently the facility is receiving only clean soils and adequate reserves of both soils and inert materials exist to begin the fire suppression program. If these stockpiles are exhausted before completion of this program, then we will recommend that the acceptable waste stream be expanded to include inerts.



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**FIRE SUPPRESSION / INTERIM CLOSURE
STUMP DUMP LCID, JOHNSTON COUNTY**

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