boundary info to supplement letter 3/6/04

Georgia Department of Natural Resources
Environmental Protection Division • Air Protection Branch
4244 International Parkway • Suite 120 • Atlanta • Georgia 30354
404/363-7000 • Fax: 404/363-7100
Lonice C. Barrett, Commissioner
Carol A. Couch, Ph.D., Director

March 4, 2004

Ms. Kay Prince
Chief, Air Planning Branch
Air, Pesticides & Toxics Mgt. Division
U.S. EPA, Region IV
61 Forsyth Street, SW
Atlanta, Georgia, 30303-8909

Re: Recommended Murray County Nonattainment Area

Dear Ms. Prince:

With this letter, the Georgia Environmental Protection Division is submitting additional information in support of our July 15, 2003, recommendations for the designation of the nonattainment area for the ozone monitor located at the Cohutta Wilderness Overlook on Ft. Mountain in Murray County, Georgia for the 8-hour National Ambient Air Quality Standard.

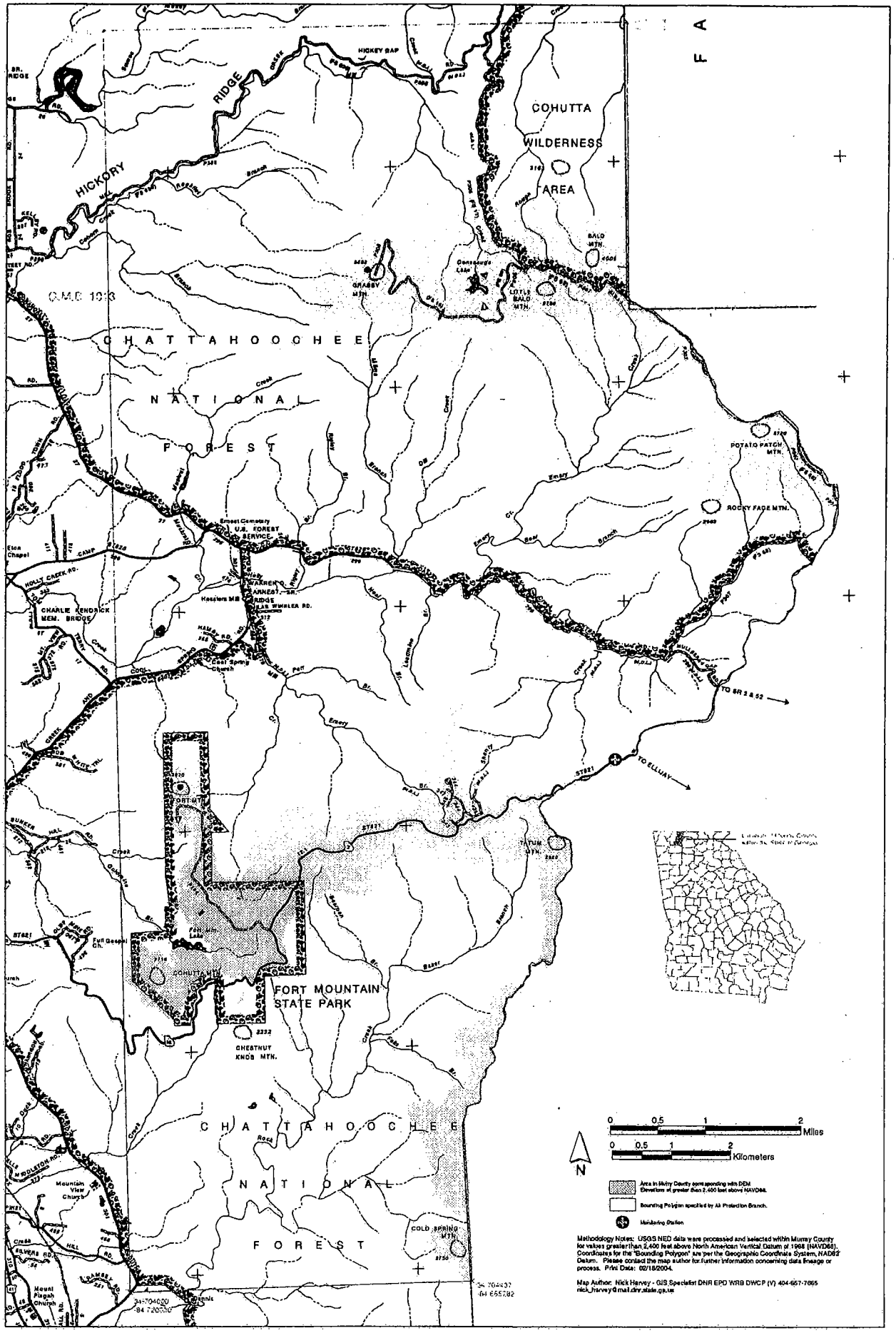
In a letter submitted October 20, 2003, EPD recommended that the designation of the nonattainment area be defined as all mountain peaks in Murray County characterized by elevations greater than or equal to 2400 feet and that are enclosed by contour lines that close on themselves. Consistent with these recommendations, we have evaluated the topography of the Murray County area and identified the boundaries of that area of the county that contain peaks that meet the above-referenced criteria. We therefore recommend that the nonattainment area in Murray County be defined as the area enclosed to the east by Murray County's eastern border, to the North by latitude of 34.9004 degrees, to the West by longitude -84.7200 degrees, and to the South by 34.7040 degrees. All elevations above 2400 feet within the county fall within the rectangular area defined by these borders. A discussion detailing the relationship between elevation and nonattainment can be found the October 20, 2003 letter.

Along with this letter, we are providing color maps of the eastern portion of Murray County that represent EPD's recommended nonattainment area boundaries. The map indicates in orange the longitude and latitude lines and county line that form the border of the recommended nonattainment area, and the areas above 2400 feet of elevation are indicated in green.

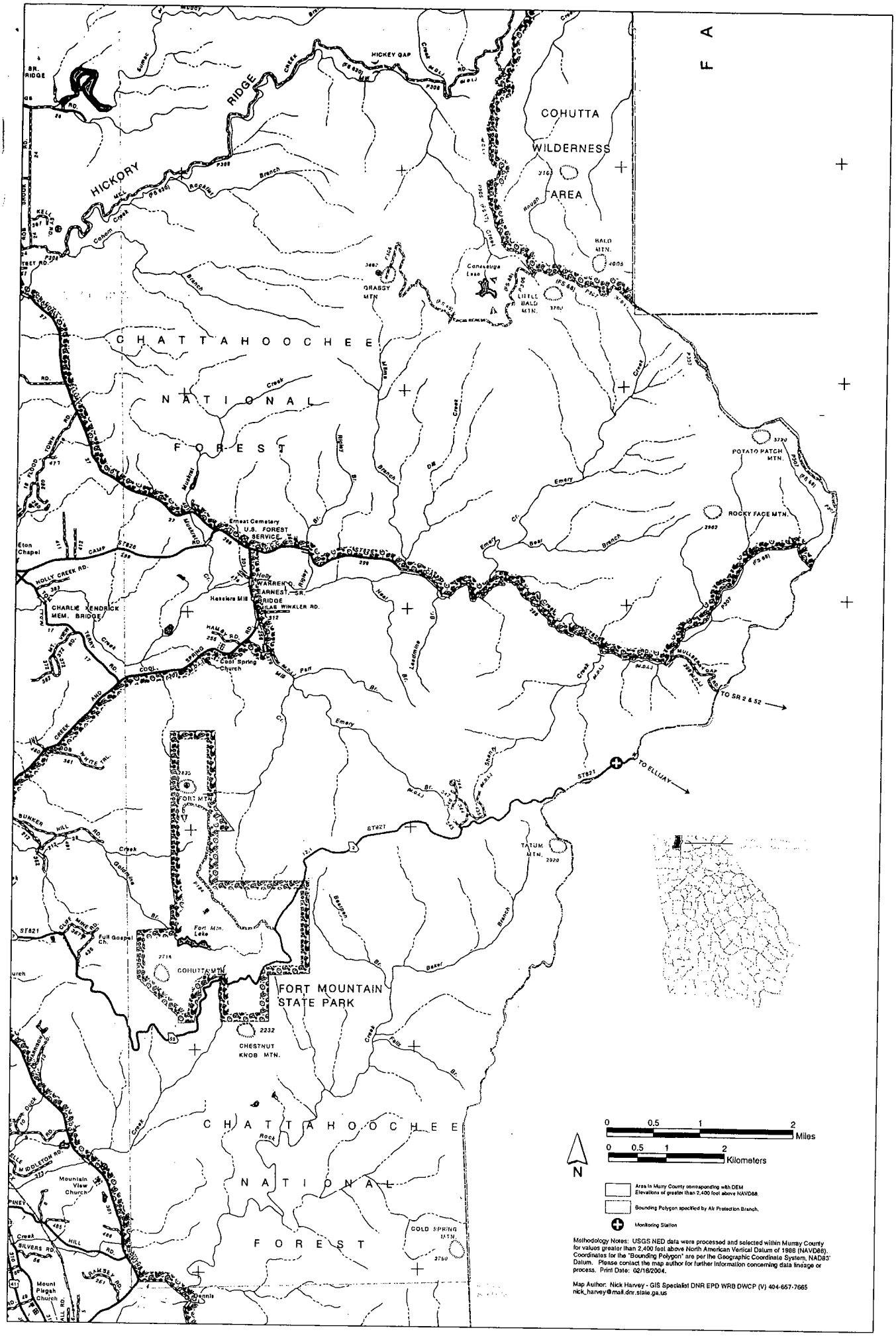
If you have any questions or need more information, please contact Dipan Shah at (404) 363-7014.

Sincerely,

Ron Methier
Chief, Air Protection Branch



COHUTTA
WILDERNESS
AREA
HICKORY
RIDGE
HICKEY GAP
BALD MTN.
GRASSY MTN.
LITTLE BALD MTN.
CHATTAHOOCHEE
NATIONAL
FOREST
POTATO PATCH MTN.
ROCKY FACE MTN.
Ernest Cemetery
U.S. FOREST SERVICE
CHARLIE KENDRICK MEM. BRIDGE
Coal Spring Church
TO SR 2 & 52
TO ELLIJAY
FORT MTN.
TATUM MTN.
Fort Mtn. Lake
COHUTTA MTN.
FORT MOUNTAIN STATE PARK
CHESTNUT KNOB MTN.
COLD SPRING MTN.
Mountain View Church
Mount Pisgah Church
0 0.5 1 2 Miles
0 0.5 1 2 Kilometers
N
Area in Murray County corresponding with DEM Elevations at greater than 2,400 feet above NAVD88.
Bounding Polygon specified by Air Protection Branch.
Monitoring Station
Methodology Notes: USGS NED data were processed and selected within Murray County for values greater than 2,400 feet above North American Vertical Datum of 1988 (NAVD88). Coordinates for the "Bounding Polygon" are per the Geographic Coordinate System, NAD83 Datum. Please contact the map author for further information concerning data lineage or process. Print Date: 02/18/2004.
Map Author: Nick Harvey - GIS Specialist DNR EPD WRB DWCP (V) 404-657-7665
nick_harvey@mail.dnr.state.ga.us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