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North Carolina
Department of Environment and Natural Resources
Division of Waste Management



Michael F. Easley, Governor
William G. Ross Jr., Secretary
Dexter R. Matthews, Director
Mr. Thomas C. Richardson
International Paper Corporation
6400 Poplar Ave.
Memphis, Tn. 38197

July 18, 2003

RE: Water Quality Monitoring Requirements - International Paper Landfill No. 5 - Canton, NC

Dear Mr. Richardson:

The request to modify water quality monitoring requirements at the International Paper Corporation Landfill No. 5 located at Canton, NC has been reviewed. The request, dated July 2, 2003, was made by Altamont Environmental, Inc. on behalf of International Paper. Proposed modifications included a reduction in the sampling parameter list and sampling frequency.

Based on the monitoring results for the facility, the Solid Waste Section conditionally approves some changes in the current monitoring plan. Beginning in 2004, monitoring well and surface water samples shall be sampled on an annual basis for the following list of parameters:

1. Total Iron;
2. Total Cadmium;
3. Chloride;
4. Sulfate;
5. Total Dissolved Solids.

In addition, the field parameters of temperature, pH, and specific conductivity must be measured for each sample during each sampling event.

The following parameters will be removed from monitoring requirements: (1.) Calcium, (2.) Magnesium, (3.) Manganese, (4.) Potassium, (5.) Sodium, (6.) Arsenic, (7.) Barium, (8.) Chromium, (9.) Nickel, (10.) Nitrate, (11.) Nitrite, (12.) Phenolics, (13.) Selenium, (14.) Silver, (15.) Total Organic Carbon, (16.) Zinc, (17.) Copper, (18.) Fluoride, (19.) Lead, and (20.) Mercury.

If monitoring data from the revised list of parameters indicate a decline in water quality or if conditions change at the site, the Solid Waste Section reserves the right to reinstate semiannual monitoring for the full list of parameters. If there are violations of groundwater standards, an assessment with possible corrective action may be required.

If you have any questions, please call me at (919) 733-0692, extension 257.

Sincerely,

Larry Rose
Environmental Compliance
Solid Waste Section

cc: Mark Poindexter - Head, Field Operations Branch
Brent Rockett - Western District Supervisor
Al Hetzell - Waste Management Specialist
Cheryl Marks - Hydrogeologist
James McElduff - Altamont Environmental, Inc.

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