



North Carolina Department of Environment and Natural Resources

Dexter R. Matthews, Director

Division of Waste Management

Michael F. Easley, Governor  
William G. Ross Jr., Secretary

**CERTIFIED MAIL**  
**Return Receipt Requested**

11/27/2007

CTS Corporation  
Attn: Mr. Roger R. Hemminghaus  
Chairman of the Board of Directors  
905 North West Boulevard  
Elkhart, Indiana 46514

RE: Former CTS Facility  
Asheville, Buncombe County  
North Carolina, 28803  
Former APS Incident Number 20358  
NCD Number 003149556

Dear Mr. Hemminghaus:

To date, the United States Environmental Protection Agency ("EPA") has served as the lead governmental agency for contamination issues arising from the former CTS facility located in Skyland, North Carolina (the "Site"). The Division of Waste Management ("the Division") of the North Carolina Department of Environment and Natural Resources has provided support and assistance to EPA in its work at and near the Site.

EPA's role has been to evaluate and abate imminent hazards arising from contamination at the Site. As the final scope of EPA's work becomes apparent, the Division's regulatory role will increase substantially through the conclusion of proper cleanup of the Site by CTS in accordance with North Carolina law. This letter is to inform CTS of the need for a complete site assessment to facilitate the transition in lead regulatory oversight and to expedite complete remediation of the contamination.

The Division has determined that there was a release into the environment of hazardous substances from the Site. Based on elevated concentrations of Trichloroethylene and other contaminants, as revealed in laboratory analytical results from surface water samples collected adjacent to your site by the EPA and the Superfund Section of the Division on September 26,

2007, the Division considers the Site to be a high priority for assessment. The Division further has determined that CTS is a responsible party respecting the Site under the Inactive Hazardous Sites Response Act, N.C.G.S. §130A-310, *et seq.*

In light of these facts, the Division requests that CTS conduct a site assessment under the supervision of the Inactive Hazardous Sites Branch ("Branch") of the Superfund Section of the Division. The work requested may be done through an Administrative Agreement with the Branch. If CTS intends to perform the work pursuant to an Administrative Agreement, CTS must notify the Division in writing within 30 days from CTS' receipt of this letter. If CTS is not willing to do the work pursuant to an Administrative Agreement, the Branch will take any and all enforcement actions necessary to compel a full assessment of the site. The work required at this time is outlined below.

#### **Site Assessment Plan and Site Assessment Report**

Within ninety (90) days of your receipt of this letter, the Division requests that CTS submit a draft Site Assessment Plan (Plan) that complies with the current *Inactive Hazardous Sites Branch Guidelines for Assessment and Cleanup* ([www.wastenotnc.org/sfhome/ihsguide.htm](http://www.wastenotnc.org/sfhome/ihsguide.htm)). The draft Plan must be organized in sections corresponding to the following items and include:

1. Site location information including site street address, longitude and latitude, and site and surrounding property land use.
2. A summary of all management practices employed at the Site for hazardous wastes and any wastes that may have contained hazardous substances, including a list of types and amounts of waste generated (with RCRA waste codes), treatment and storage methods, and ultimate disposition of wastes; a description of the facility's past and current RCRA status; the location and condition of any vessels currently or previously used to store any chemical products, hazardous substances or wastes; and a summary of the nature of all on-site hazardous substance releases, including one-time disposals or spills.
3. United States Geological Survey topographic maps sufficient to display topography within a one-mile radius of the Site.
4. A site survey plat (prepared and certified by a Professional Land surveyor) including scale; benchmarks; north arrow; locations of property boundaries, buildings, structures, all perennial and non-perennial surface water features, drainage ditches, dense vegetation, known and suspected spill or disposal areas, underground utilities, storage vessels, existing on-site wells; and identification of all adjacent property owners and land usage.
5. A description of local geologic and hydrogeologic conditions.
6. Inventory and map of all wells, springs, and surface-water intakes used as sources of potable water within a one-half mile radius of the center of the Site. If the Site is greater than one hundred (100) acres in size, the inventory and map must cover a one-mile radius from the center of each source area.

7. Identification of environmentally sensitive areas on and adjacent to the Site including:

State Parks  
Areas Important to Maintenance of Unique Natural Communities  
Sensitive areas Identified Under the National Estuary Program  
Designated State natural Areas  
State Seashore, Lakeshore and River Recreational Areas  
Rare Species (state and federal Threatened and Endangered)  
Sensitive Aquatic Habitat  
State Wild and Scenic Rivers  
National Seashore, Lakeshore and River Recreational Areas  
National Parks or Monuments  
Federal Designated Scenic or Wild Rivers  
Designated and Proposed Federal Wilderness and Natural Areas  
National Preserves and Forests  
Federal Land designated for the protection of Natural Ecosystems  
State-Designated Areas for Protection or Maintenance of Aquatic Life  
State Preserves and Forests  
Terrestrial Areas Utilized for Breeding by Large or Dense Aggregations of Animals  
National or State Wildlife Refuges  
Marine Sanctuaries  
National and State Historical Sites  
Areas Identified Under Coastal Protection Legislation  
Coastal Barriers or Units of a Coastal Barrier Resources System  
Spawning Areas Critical for the Maintenance of Fish/Shellfish Species within River, Lake or Coastal Tidal Waters  
Migratory Pathways and Feeding Areas Critical for Maintenance of Anadromous Fish Species within River  
Reaches or Areas in Lakes or Coastal Tidal Waters in which such Fish Spend Extended Periods of Times  
State Lands Designated for Wildlife or Game Management  
Wetlands

8. A chronological listing of all previous owners and each period of ownership since the Site was originally developed from pristine land.

9. Available operational history with aerial photographs and Sanborne Fire Insurance maps to support land-use history.

10. A list of all hazardous substances which have been used or stored at the Site, and approximate amounts and dates of use or storage as revealed by available written documentation and interviews with a representative number of former and current employees or occupants possessing relevant information.

11. Site environmental permit history, including copies of all federal, state, and local environmental permits, past and present, issued to or within CTS's custody or control.

12. A summary of all previous and ongoing environmental investigations and environmental regulatory involvement with the Site, and copies of all associated reports and laboratory data.

13. Proposed procedures for characterizing site geologic and hydrogeologic conditions and identifying and delineating each contamination source as to each affected environmental medium, including any plan for special assessment such as a geophysical survey.

14. Proposed methods, locations, depths of, and justification for, all sample collection points for all media sampled, including monitoring well locations and anticipated screened intervals.

15. Proposed field and laboratory procedures for quality assurance/quality control.
16. Proposed analytical parameters and analytical methods for all samples.
17. A contact name, address and telephone number for the principal consultant and laboratory, and qualifications and certifications of all consultants, laboratories and contractors expected to perform work in relation to this Plan. Any laboratory retained must currently be either certified to analyze applicable certifiable parameters under Title 15A of the North Carolina Administrative Code, Subchapter 2H, Section .0800, or be a contract laboratory under the EPA Contract Laboratory Program.
18. Equipment and personnel decontamination procedures.
19. A proposed schedule for site activities and reporting.
20. Any other information considered relevant by the remediating party.
21. A signed and notarized certification by a corporate official in charge of a principal business function stating: "I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."
22. A signed and notarized certification by the consultant responsible for the day to day remedial activities stating: "I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."
23. If the Plan includes any work that would constitute the "practice of engineering" as defined by N.C.G.S. 89C, the signature and seal of a professional engineer is required. If the Plan includes any work that would constitute the "public practice of geology" as defined by N.C.G.S. 89E, the signature and seal of a licensed geologist is required.

The Division will notify CTS of any changes needed in the Plan and of the time within which the changes must be made. ~~CTS may not implement the Plan until it is approved in writing by the Division.~~ Any desired modifications to the approved Plan or work schedule must be approved by the Division prior to implementation. CTS must notify the Division no less than ten (10) days prior to any field activity.

Following completion of the site assessment, CTS must provide a Site Assessment Report (Report) documenting implementation of the approved Plan. The Report must be organized in sections corresponding to the following items and include:

1. A narrative description of how the assessment was conducted, including a discussion of any variances from the approved Plan.
2. A description of groundwater monitoring well design and installation procedures, including well drilling methods used, completed drilling logs, "as built" drawings of all monitoring

15. A signed and notarized certification by the consultant responsible for the day to day remedial activities stating: "I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."

16. If the Plan includes any work that would constitute the "practice of engineering" as defined by N.C.G.S. 89C, the signature and seal of a professional engineer is required. If the Plan includes any work that would constitute the "public practice of geology" as defined by N.C.G.S. 89E, the signature and seal of a licensed geologist is required.

The Division will notify CTS of any changes needed in the assessment or the Report due to any hazard posed by the Site or discrepancies with the approved Site Assessment Plan, and of the time within which changes must be made. When the Division determines that the site assessment is complete, the Division will notify CTS in writing.

All documents submitted to the Division in relation to this work must be sent to:

Bonnie S. Ware  
Inactive Hazardous Sites Branch  
Superfund Section  
NC Division of Waste Management  
585 Waughtown Street  
Winston-Salem, NC 27107

If you have any questions concerning this assessment request, please contact Ms. Bonnie S. Ware at (336) 771-5000. However, please note that raising questions will not extent the 30-day response date to request that work proceed though an Administrative Agreement.

Sincerely,



Jack Butler, PE  
Superfund Section Chief

Cc: Marv Gobles, CTS Corp. - 905 North West Boulevard, Elkhart, Indiana 46514  
Stan Greenberg, Mills Gap Rd Assoc. - 75 N. Market St, Asheville, NC 28801  
Terry Rice, 275 Mills Gap Rd, Asheville, NC 28803  
Doris Rice, 273 Mills Gap Rd, Asheville, NC 28803  
Southside Village Phase II, c/o Duckett Powell & Thomson Real Estate - PO Box 9278,  
Asheville, NC 28815  
Southside Village Assoc., Inc - 113 Trumpet Ln, Asheville, NC 28803, c/o White Pine  
Property Management, LLC - PO Box 5423, Asheville, NC 28813

wells, well construction techniques and materials, geologic logs, and copies of all well installation permits.

3. A map, drawn to scale, showing all soil, surface water and sediment sample locations and monitoring well locations in relation to known disposal areas or other sources of contamination. Monitoring wells must be surveyed to a known benchmark. Soil sample locations must be surveyed to a known benchmark or flagged with a secure marker until after the remedial action is completed. Monitoring well locations and elevations must be surveyed by a Professional Land Surveyor.
4. A description of all laboratory quality assurance and quality control procedures followed during the remedial investigation.
5. A description of procedures used to manage drill cuttings, purge water and decontamination water.
6. A summary of site geologic conditions, including a description of soils and vadose zone characteristics.
7. A descriptions of site hydrogeologic conditions (if hazardous substances have been detected in groundwater), including current uses of groundwater, notable aquifer characteristics, a water table elevation contour map with groundwater flow patterns depicted, tabulated groundwater elevation data, and a description of procedures used for measuring water levels.
8. Tabulation of analytical results for all sampling (including sampling dates and soil sampling depths) and copies of all laboratory reports (including QA/QC support data referenced to specific samples).
9. Soil, groundwater, surface water and sediment contaminant delineation maps and cross sections, including scale and sampling points with contaminant concentrations.
10. A description of procedures and the results of any special assessments such as geophysical surveys, immunoassay testing (EPA SW-846 4000 series methods), soil gas surveys, or test pit excavations.
11. Copies of all field logs and notes, and, where available, color copies of site photographs.
12. A demonstration, supported by sampling data, that the areal and vertical extent of hazardous substance contamination in each affected medium has been delineated to the satisfaction of the Division in accordance with the current version of the Division's *Inactive Hazardous Sites Branch Guidelines for Assessment and Cleanup*.
13. Any other information considered relevant by the remediating party.
14. A signed and notarized certification by a corporate official in charge of a principal business function stating: "I certify that, to the best of my knowledge, after thorough investigation, the information contained in or accompanying this certification is true, accurate, and complete."