SOLID WASTE MANAGEMENT PLAN
THREE YEAR UPDATE FOR
NORTHAMPTON COUNTY PLANNING AREA

JULY 1, 2012 – JUNE 30, 2022

NORTHAMPTON COUNTY LOCAL GOVERNMENT
DEPARTMENT OF PUBLIC WORKS
# Table of Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover page</td>
<td>1</td>
</tr>
<tr>
<td>Table of Contents</td>
<td>2</td>
</tr>
<tr>
<td>Section 1 – Local Contacts</td>
<td>3</td>
</tr>
<tr>
<td>Section 2 – Public Participation</td>
<td>5</td>
</tr>
<tr>
<td>Section 3 – Waste Characterization</td>
<td>8</td>
</tr>
<tr>
<td>Section 4 – Waste Reduction Goal</td>
<td>9</td>
</tr>
<tr>
<td>Section 5 – Waste Handling Characterization</td>
<td>11</td>
</tr>
<tr>
<td>Section 6 – Assessment and Actions</td>
<td>12</td>
</tr>
<tr>
<td>Section 7 – Solid Waste Management Cost</td>
<td>18</td>
</tr>
<tr>
<td>Section 8 – Emergency/Disaster Debris Management and Animal Mortality</td>
<td>18</td>
</tr>
<tr>
<td>Section 9 – Resolutions</td>
<td>19</td>
</tr>
<tr>
<td>Section 10 – Ordinances</td>
<td>30</td>
</tr>
<tr>
<td>Appendix A – Electronics Recycling Service of Work Agreement &amp; R2 Certification</td>
<td>31</td>
</tr>
<tr>
<td>Appendix B – Map depicting Storm Debris Site</td>
<td>40</td>
</tr>
</tbody>
</table>
### Section 1 – Local Contacts

<table>
<thead>
<tr>
<th>Name/Contact</th>
<th>Title</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mr. Wayne Jenkins</td>
<td>County Manager</td>
<td>252-534-2221</td>
</tr>
<tr>
<td>Mr. Joseph Barrett</td>
<td>County Commissioner – District 1</td>
<td>252-585-0174</td>
</tr>
<tr>
<td>Mrs. Virginia D. Spruill</td>
<td>County Commissioner – District 2</td>
<td>252-539-4026</td>
</tr>
<tr>
<td>Mr. Chester Deloatch</td>
<td>County Commissioner – District 3</td>
<td>252-539-2147</td>
</tr>
<tr>
<td>Mr. Robert V. Carter</td>
<td>County Commissioner – District 4</td>
<td>252-585-1437</td>
</tr>
<tr>
<td>Mrs. Fannie P. Greene</td>
<td>County Commissioner – District 5</td>
<td>252-536-3325</td>
</tr>
<tr>
<td>Mr. Jason S. Morris</td>
<td>Public Works Director</td>
<td>252-534-6341</td>
</tr>
<tr>
<td>Mr. Melvin Stokes</td>
<td>Solid Waste Supervisor</td>
<td>252-534-1001</td>
</tr>
<tr>
<td>Vacant</td>
<td>Emergency Management Coordinator</td>
<td>252-574-0214</td>
</tr>
<tr>
<td>Mr. Brian E. Bolton</td>
<td>Mayor - Conway</td>
<td>252-585-1923</td>
</tr>
<tr>
<td>Mr. Roy Bell</td>
<td>Mayor - Garysburg</td>
<td>252-536-4917</td>
</tr>
<tr>
<td>Mr. Timothy Andrews</td>
<td>Mayor - Gaston</td>
<td>252-537-2531</td>
</tr>
<tr>
<td>Mr. J. William Gossip</td>
<td>Mayor - Jackson</td>
<td>252-534-5951</td>
</tr>
<tr>
<td>Mr. Dick Collier</td>
<td>Mayor - Lasker</td>
<td>252-539-2861</td>
</tr>
<tr>
<td>Ms. Doris Risper</td>
<td>Mayor – Rich Square</td>
<td>252-539-2315</td>
</tr>
<tr>
<td>Ms. Bobie N. Moss</td>
<td>Mayor - Seaboard</td>
<td>252-589-9211</td>
</tr>
<tr>
<td>Mr. George McGee</td>
<td>Mayor - Severn</td>
<td>252-585-0281</td>
</tr>
<tr>
<td>Mr. Ellis Garris</td>
<td>Mayor - Woodland</td>
<td>252-587-0436</td>
</tr>
</tbody>
</table>
Map of Northampton County Solid Waste Facility, Disposal Site, and Emergency Debris Staging Site
Section 2 – Public Participation

Overview

This update to Northampton County’s Ten Year Solid Waste Management Plan was prepared in accordance with N.C. General Statue 130A-309.09A(b) and guidance provided by the N.C. Department of Environment and Natural Resources Division of Waste Management. The original Solid Waste Management Plan was developed by the Northampton County Planning Area which includes the County and the following municipalities; Conway, Garysburg, Gaston, Jackson, Lasker, Rich Square, Seaboard, Severn, and Woodland.

The plan update encompassed in this document continues to support and address the planning area goals:

**Goal 1** - To provide everyone in the community with waste disposal capacity, waste collection services, and waste reduction opportunities.

**Goal 2** - To increase the efficiency and cost-effectiveness of solid waste program.

**Goal 3** - To meet the established local waste reduction goals.

**Goal 4** - To decrease improper waste disposal.

**Goal 5** - To enhance the protection of public health and the environment.

This update provides guidelines for the County’s management of solid waste and its reduction for the next ten years (2012-2022).

Effort to Meet State’s Reduction Goal

Northampton County implemented county wide curbside solid waste and recyclable collection services to include the rural county areas and its municipalities in October of 1993.

Northampton County supports the State’s desired reduction rate with the reduction in tons and per capita supporting the County’s good faith effort to obtain the desired goals. The municipalities as well as citizens located in the County are welcomed and encouraged to participate.
Compliance with State Solid Waste Management Plan

Northampton County developed a Ten Year Solid Waste Management Plan which was adopted by the County Commissioners on June 16, 1997. The Plan was drafted uniquely specific to the County using the State Solid Waste Management Plan as a guide.

The first update was adopted by the County Commissioners on June 29, 2000, the second update was adopted by the County Commissioners on June 30, 2003, the third update was adopted by the County Commissioners January 5, 2009, the fourth was adopted by County Commissioners on November 2, 2009, and the plan was amended and adopted by the County Commissioners on November 15, 2010 to add electronic recycling. The fifth update to this plan was adopted by the County Commissioners on June 3, 2013. This plan update supports the State’s plan with expected results to continue placing the County in compliance with the State’s Solid Waste Management Plan.

Process for Update Development

Northampton County utilized the June 2012 guidelines and plan guidance provided by the N.C. Department of Environment and Natural Resources, Division of Waste Management. The Public Works Director, Solid Waste Supervisor, and other county staff prepared the update from County records and information with assistance from the County’s assigned Solid Waste Specialist along with records and information provided by the State.

The Planning Process & Public Participation

The County extended an invitation to each municipality to have a representative participate in the preparation of this update. Each of the municipalities declined the invitation to participate and requested that Northampton County represent their interest.

A public meeting was announced in the Sunday & Daily Herald newspaper on Tuesday, April 2, 2013 with the meeting held on Tuesday, April 9, 2013, in the Public Works Conference Room. A total of 1 citizen attended the public meeting. A draft copy of the update was made available for public inspection and review on Tuesday, April 2, 2013, with draft copies on display in Office of the County Manager and at the Public Works Department Office. The Public Works Director and Solid Waste Staff discussed the Plan Update in detail. The public was invited to read the final version of the plan placed in the County Manager’s Office and at the Public Works Department Office.
PUBLIC MEETING NOTICE

SOLID WASTE MANAGEMENT PLAN UPDATE

The Northampton County Department of Public Works will hold an informational meeting on Tuesday, April 9, 2013 at 10:00 a.m. in the Public Works Conference Room located at 9371 N.C. Hwy 305 in Jackson, N.C. The purpose of this meeting is to review, discuss and receive citizen comments on the Ten Year Solid Waste Management Plan update for Northampton County and its planning area. A draft copy of the plan is available for inspection in the County Manager’s Office and in the Public Works Department Office.

________________________
Jason S. Morris
Public Works Director

Please run one time in block form and not in the legal section of your paper on Tuesday, April 2, 2013. Please send invoice to Northampton County Public Works Department, P. O. Box 68, Jackson, N.C. 27845.

Thanks,
Jason S. Morris
Section 3 – Waste Characterization

The following charts summarize the waste broken down by waste type and an approximation of waste broken down by generator group.

Chart and Summary of Waste Broken Down by Waste Type FY 2011/2012

<table>
<thead>
<tr>
<th>Waste Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solid Waste</td>
<td>10,425.64 tons</td>
</tr>
<tr>
<td>Commingled Recyclables</td>
<td>145.48 tons</td>
</tr>
<tr>
<td>Construction &amp; Demolition</td>
<td>771.71 tons</td>
</tr>
<tr>
<td>Scrap Tires</td>
<td>412.20 tons</td>
</tr>
<tr>
<td>White Goods/Scrap Metal</td>
<td>0.00 tons</td>
</tr>
<tr>
<td>Yard Waste/Storm Debris</td>
<td>3,038.95 tons</td>
</tr>
<tr>
<td>Electronic Recyclables</td>
<td>11.02 tons</td>
</tr>
<tr>
<td>Used Oil</td>
<td>500 gals</td>
</tr>
<tr>
<td>Used Oil Filters</td>
<td>0 Barrels</td>
</tr>
<tr>
<td>Lead, Acid Batteries</td>
<td>0</td>
</tr>
<tr>
<td>Wooden Pallets</td>
<td>0.00 tons</td>
</tr>
<tr>
<td>Pesticide Containers (NCDA)</td>
<td>14,425 pounds</td>
</tr>
<tr>
<td>Pesticides (unused) (NCDA)</td>
<td>0</td>
</tr>
<tr>
<td>Medical Waste</td>
<td>10.09 tons</td>
</tr>
</tbody>
</table>

Chart and Summary of Waste Broken Down by Generator Group

<table>
<thead>
<tr>
<th>Group</th>
<th>% Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residential</td>
<td>65 %</td>
</tr>
<tr>
<td>Commercial</td>
<td>26 %</td>
</tr>
<tr>
<td>Industrial</td>
<td>2 %</td>
</tr>
<tr>
<td>Construction &amp; Demolition</td>
<td>7 %</td>
</tr>
</tbody>
</table>
Section 4 – Waste Reduction Goal

Use of Private Enterprise Facilities & Other Resources

Northampton County is primarily a rural agricultural county with extreme limitations and access to private enterprise. Private enterprises currently consist of Georgia Pacific, Resinall, Eastern Fuels, Severn Peanut Company, International Paper Company, Sanfilippo & Son, Lowe’s Distribution Center, NCCAR, Smithfield Carroll’s Farms, Clements Mechanical, Roanoke Electric Membership Corp. and Enviva Biomass.

Comparisons of Per Capita Reduction

| Baseline Year | 1991-1992 |
| Population | 20,768 |
| Waste Disposal | 12,000 Tons |
| Per Capita Disposal Rate | 0.58 Tons |

| Year Ending | June 30, 1999 |
| Population | 20,837 |
| Waste Disposal | 10,461 Tons |
| Per Capita Disposal Rate | 0.50 Tons |

| Year Ending | June 30, 2002 |
| Population | 22,086 |
| Waste Disposal | 10,934 Tons |
| Per Capita Disposal Rate | 0.50 Tons |

| Year Ending | June 30, 2006 |
| Population | 21,568 |
| Waste Disposal | 16,300 Tons |
| Per Capita Disposal Rate | 0.76 Tons |

| Year Ending | June 30, 2008 |
| Population | 21,235 |
| Waste Disposal | 15,332 Tons |
| Per Capita Disposal Rate | 0.72 Tons |

| Year Ending | June 30, 2011 |
| Population | 22,086 |
| Waste Disposal | 11,061 Tons |
| Per Capita Disposal Rate | 0.50 Tons |

| Year Ending | June 30, 2012 |
| Population | 22,099 |
| Waste Disposal | 11,343 Tons |
| Per Capita Disposal Rate | 0.51 Tons |
**Waste Reduction Goal**

The previously established and proposed FY 2021-2022 waste reduction goal for Northampton County and its planning area is targeted at 2%. See the following Waste Reduction Goal Sheet.

**WASTE REDUCTION GOAL SHEET**
**NC LOCAL GOVERNMENT TEN YEAR SOLID WASTE MANAGEMENT PLAN**

Local Government Name: Northampton County

Previously established waste reduction goal: 2%

After considering your government’s current and projected solid waste activities, resources, population, and economic growth have you reached your previously established goal? □ Yes  ☒ No

Establish a new waste reduction goal: 2%

**WASTE REDUCTION CALCULATION**
To provide 10 years of solid waste management planning, as per G.S. 130A-309.09A(b), waste reduction goals need to be updated. Use the following chart to determine the tonnage needed to be diverted from landfills in order to reach the new waste reduction goal.

<table>
<thead>
<tr>
<th>Calculation</th>
<th>FY 2021-2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Baseline year per capita disposal rate</td>
<td>0.58</td>
</tr>
<tr>
<td>(FY 1991-1992 unless alternate approved by Section)</td>
<td></td>
</tr>
<tr>
<td>2. Percent waste reduction goal</td>
<td>2%</td>
</tr>
<tr>
<td>3. Targeted per capita disposal rate</td>
<td>0.56</td>
</tr>
<tr>
<td>(Subtract line 2 from 1.0 and multiply result by line 1)</td>
<td></td>
</tr>
<tr>
<td>4. Estimated population in the new waste reduction goal year</td>
<td>21,338</td>
</tr>
<tr>
<td>(Available at Office of State Budget and Management website: <a href="http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/demog/cpa2010p.html">Projected Annual County Population Totals 2010-2019</a>)</td>
<td></td>
</tr>
<tr>
<td>5. Projected tonnage for disposal at baseline disposal rate</td>
<td>12,376</td>
</tr>
<tr>
<td>(Multiply line 1 by line 4)</td>
<td></td>
</tr>
<tr>
<td>6. Targeted annual tonnage for disposal</td>
<td>11,949</td>
</tr>
<tr>
<td>(Multiply line 3 by line 4)</td>
<td></td>
</tr>
<tr>
<td>7. Targeted annual tonnage to reduce</td>
<td>427</td>
</tr>
<tr>
<td>(Subtract line 6 from line 5)</td>
<td></td>
</tr>
</tbody>
</table>

**WASTE REDUCTION PLAN**

Given the targeted annual tonnage amount to be reduced, explain how you plan to reach the goal:

To further educate and encourage citizens to recycle.

---

**Update to Achieve Solid Waste Reduction Goal**

Northampton County designed this update, as supported by the Intended Actions in Section 6, to achieve the solid waste reduction goal targeted at 2% for FY 2021-2022. The Solid Waste Management Plan may require further adjustments in the FY15-16 Plan Update.

---

**Section 5 – Waste Handling Characterization**

A. Municipal Solid Waste (MSW) – Contractor collects MSW bi-weekly curbside collection. Waste is carried to contractor’s transfer station.

B. Construction and Demolition Waste (C & D) – Residents of Northampton County may bring waste to convenience center and convenience center C & D waste is picked up by contractor and carried to contractor’s transfer station.

C. Land Clearing and Inert Debris (LCID) – Northampton County does not accept this type of debris.

D. White Goods (WG) - Residents of Northampton County may bring waste to convenience center and convenience center white goods waste is picked up by recycling contractor.

E. Scrap Tires (ST) – Residents of Northampton County may bring scrap tires to convenience center where contractor then hauls to recycling facility.

F. Electronics (EL) – Residents of Northampton County may bring recyclable electronics to convenience center. Contractor then is scheduled for pick up to haul to recycling facility or the County hauls directly to recycling facility.
Section 6 – Assessment and Actions

Reduction at the Source

Current Program: Educational programs to civic groups, clubs, etc.

Intended Actions: Northampton County convenience site plans to implement a cardboard collection program for citizens and county offices to utilize for further reduction of cardboard from the waste stream.

Collection

Current Program: Solid Waste collection is contracted for weekly curbside pickup for all residences and some small businesses. Larger businesses privately contract for waste disposal and pickup. The county will provide back door pickup for qualified disabled individuals. Collection of large items can be collected by curbside pickup by county personnel upon request for a minimal fee. The county has one convenience center site open from 8:30 a.m. to 12:00 p.m. and 1:00 p.m. to 5:00 p.m. Monday through Friday and also open on the first Saturday of each month from 8:30 a.m. to 12:00 p.m.

All municipalities located in the county utilize the solid waste collection as established in the County’s Solid Waste Management Plan.

Intended Actions: There are no further actions intended for the planning period.

Recycling and Reuse

Current Program: The County provides a voluntary curbside recycling by providing each residence with a recycling bin. These bins with recyclables are collected by contractor every other week throughout the year. Comingled collection of items currently accepted in recycling program include: #1 Plastics, #2 Plastics, Aluminum and steel cans, newspaper, glass, and cardboard.

Other recyclable items are collected at the convenience collection site. The recyclable material collected includes: pesticide containers, wooden pallets, and electronics. Special waste, including used oil, oil filters, and lead-acid batteries are also collected at the convenience site. Collection center staff is available to answer questions and teach residents proper sorting and material preparation.

Any reusable items that are dropped off at the convenience site is set aside for use by anyone wishing to utilize them.

The county has a contract with Waste Industries, Inc. for the curbside pickup of recyclable material. The current contract is valid through June 30, 2019.
Intended Actions: The County and contractor plans to continue to educate the public on recycling to encourage participation. The County plans to initiate a shingle recycling program.

Composting and Mulching

Current Program: Yard waste is accepted in a staged area located at the convenience site. Yard waste is mulched by chipping machine. Mulch is stockpiled, managed, and available to public upon request.

A separate site is dedicated for storm debris collection area for Northampton County. Once collection is complete, storm debris can be mulched at a later time

Intended Actions: There are no further actions planned.

Incineration With Energy Recovery

Current Program: Incineration with energy recovery is not part of the county’s current program. The county considers it an inappropriate waste management option due to the local waste flow, public opinion, and capital/operating costs.

Intended Actions: The County does not plan to use incineration with energy recovery.

Incineration Without Energy Recovery

Current Program: Incineration with energy recovery is not part of the county’s current program. The county considers it an inappropriate waste management option due to the local waste flow, public opinion, and capital/operating costs.

Intended Actions: The County does not plan to use incineration without energy recovery.

Transfer Outside The Geographic Area Covered by the Plan

Current Program: Northampton County and all of the municipalities transfer their waste out of the geographic boundaries of the county. Waste for county and municipalities is collected by contract and sent to contractor’s transfer station. Solid waste collected is then transferred to the Regional Landfill in Bertie County. All recyclable material collected is also transferred out of the county to recycling facilities by contract.

Intended Actions: There are no further actions planned.
**Disposal of Solid Waste**

**Current Program:** Northampton County and all municipalities participating in the Solid Waste Management Plan utilize local contractor for the pickup of waste. The waste is then carried to contractors transfer station. Finally waste is sent to the East Carolina Environmental Regional Landfill located in Bertie County to dispose of all residential, non-residential, and construction/demolition wastes.

The county has a contract with Waste Industries, Inc. for the curbside pickup of solid waste material. The current contract is valid through June 30, 2019.

**Intended Actions:** There are no further actions planned.

**Education with the Community and Through the Schools**

**Current Program:** Northampton County, upon request, has and will present the Solid Waste Program to any Civic Clubs, Municipalities and Schools. This educational program represents multiple aspects including recycling, waste disposal, and special wastes such as; white goods, used motor oil, tires, and electronics. The educational program also consists of the proper disposal of pesticide containers. The program also emphasizes the importance of waste reduction and its future impact. Assistance concerning recycling is available from personnel at the convenience center and the county Public Works Department. Municipalities participating in the county’s Solid Waste Management Plan utilize the County for their educational purposes.

**Intended Actions:** There are no further actions planned.

**Management of Special Wastes**

**Lead Acid Batteries**

Current Program: Citizens of Northampton County can drop off used lead acid batteries at the convenience site located at 260 Landfill Road, Jackson, N.C. Batteries are stored on a concrete slab in a dry space until vendor is notified for pickup of items.

**Intended Actions:** There are no further actions planned.

**Used Motor Oil**

Current Program: Citizens of Northampton County can drop off their used motor oil and oil filters at the convenience site located at 260 Landfill Road, Jackson, N.C. Oil is stored in a 500 gallon drum and used filters stored in metal 55 gallon barrels. Once large oil drum is filled, a recycling vendor is notified for pick up.

**Intended Actions:** There are no further actions planned.
Scrap Tires

Current Program: Northampton County has one convenience site available to all citizens of the county at which scrap tires are collected for disposal at a later date. The site is located at 260 Landfill Road, Jackson, N.C. One trailer is kept at convenience site at all times. Another trailer is shared among tire dealers in the county. At a cost of $100 per trailer load, the trailer is delivered to a specific site in the county. Tires are stacked and stored in trailers provided. When the trailer is full, the recycler, Central Carolina Holding, LLC is contacted and a pickup is scheduled. To help minimize cost of the scrap tire program the county seeks the best contract with recycler and tires are only transported when trailer is full.

Intended Actions: There are no further actions planned.

White Goods

Current Program: Northampton County has one convenience site at which white goods are collected for disposal at a later date. The site is located at 260 Landfill Road, Jackson, N.C. Refrigerant gasses are extracted from white goods by United Salvage & Auto, Inc. Gasses are extracted by a CFC machine and placed into a tank. United Salvage & Auto, Inc. utilizes C. C. Dickson in Rocky Mount, N.C. for disposal of recovered CFC’s. Records indicating dates, times and amounts of gasses extracted are kept at convenience site. Refrigerant bearing white goods are kept separate from non-refrigerant bearing white goods. Refrigerant bearing white goods are lightly handled at the facility. Shipments are scheduled with white goods recycler United Salvage & Auto, Inc. when 100 tons are accumulated or every six weeks whichever comes first.

Intended Actions: There are no further actions planned.

Electronics

Current Program: Effective November 15, 2010 Northampton County implemented an electronic waste recycling program that will benefit multiple municipalities, local businesses and citizens of the county. Materials to be recycled include but are not limited to:

<table>
<thead>
<tr>
<th>Hard Drives</th>
<th>Hard Drive Boards</th>
<th>Mixed Computer Fans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Media Drives</td>
<td>Telecom Board</td>
<td>Miscellaneous Computer Wire</td>
</tr>
<tr>
<td>AC Adaptor</td>
<td>Lithium Ion (Li-Ion)</td>
<td>Printers</td>
</tr>
<tr>
<td>Power Supply</td>
<td>Lithium Ion Polymer (Li-Ion Poly)</td>
<td>Copiers/Faxes</td>
</tr>
<tr>
<td>Keyboards</td>
<td>Nickel Metal Hydride (Ni-Mh)</td>
<td>House/office Phones</td>
</tr>
<tr>
<td>Mice</td>
<td>Nickel Cadmium Dry (Ni-Cd)</td>
<td>Consumer electronics - electric scrap</td>
</tr>
<tr>
<td>UPS (uninterrupted power supply)</td>
<td>Nickel Cadmium Wet (Ni-Cd)</td>
<td>Laptops</td>
</tr>
<tr>
<td>Docking Stations</td>
<td>Lead Acid (Pb Acid)</td>
<td>PCS/Desktops - complete</td>
</tr>
<tr>
<td>Modems</td>
<td>Mixed Plastic - white WEE</td>
<td>PC's/Desktops - incomplete</td>
</tr>
<tr>
<td>Mother Circuit Board</td>
<td>Mixed Plastic - black WEE</td>
<td>Servers- modules</td>
</tr>
<tr>
<td>High Grade Circuit Board</td>
<td>Mixed Plastic - mixed color WEEE</td>
<td>Servers- empty racks</td>
</tr>
<tr>
<td>--------------------------</td>
<td>----------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Medium Grade Circuit Board</td>
<td>Mixed Plastic - non WEEE</td>
<td>Network Switch</td>
</tr>
<tr>
<td>Low Grade Circuit Board</td>
<td>Copper Yokes</td>
<td>Cable box w/HDD</td>
</tr>
<tr>
<td>CRT/Monitor Board</td>
<td>Degaussing Wire - Copper</td>
<td>Cable box without HDD</td>
</tr>
<tr>
<td>RAM</td>
<td>Degaussing Wire - Aluminum</td>
<td>Low Grade e-waste unclassified</td>
</tr>
<tr>
<td>Cell Phone (with Battery)</td>
<td>Heat Sinks - Copper / Aluminum</td>
<td>High Grade e-waste unclassified</td>
</tr>
<tr>
<td>Cell Phone (without Battery)</td>
<td>Heat Sinks - Copper ( Clean copper )</td>
<td>#2 ICW @ 55% recovery</td>
</tr>
<tr>
<td>Ceramic Processor</td>
<td>Heat Sinks - Alum (100% clean)</td>
<td>#1 ICW @ 70% recovery</td>
</tr>
<tr>
<td>Metal Back Processor</td>
<td>Heat Sinks - irony alum/stainless</td>
<td>Small Electric motors - copper wound</td>
</tr>
<tr>
<td>Fibre Back Processor</td>
<td>Transformers - Copper</td>
<td></td>
</tr>
<tr>
<td>Ledged Glass products (TVs)</td>
<td>CRT</td>
<td>Flat Screens</td>
</tr>
</tbody>
</table>

**Public Awareness**

Northampton County is incorporating several levels of public education, regarding the electronics recycling program. Flyers will be posted at convenience site and in public buildings stating the electronic waste collection site, items accepted by the county for recycling, and explaining the landfill ban on CRTs and TVs. A public service announcement will be aired on local radio stations describing the landfill ban on electronics and options established by Northampton County.

Northampton County has one convenience site located at 260 Landfill Road, Jackson, N.C. available for citizens and businesses of the county to utilize. Material is pre-sorted by solid waste personnel and palletized for pickup or delivery to electronic vendor. Delivery or pickup of items is scheduled upon the request of the county.

The County will require electronic recycling vendor to provide us with detailed data reports that will include at a minimum the weight and general type of material collected. The data provided must report televisions separately from other equipment.

All municipalities in Northampton County participate in the County’s Solid Waste Management Plan. The convenience site listed above serves for all citizens and businesses of the county in any municipality.

The County has established a local account to receive funds in a separate line item from the state’s electronics management fund, and these funds will only be used for operating and promoting the electronics recycling program. Funds will also be used to assist in costs for disposal of certain electronics material. The County we will use the invoice system to track any expenditures.

A copy of the service of work agreement with the County’s electronic vendor and a copy of the vendor’s certification document as issued by R2 Solutions can be found in Appendix A of this Plan.

**Intended Actions:** There are no further actions planned.
**Used Pesticide Containers**

**Current Program:** Northampton County in conjunction with Northampton County NC Cooperative Extension Office and North Carolina Department of Agriculture have established a convenience site located at 260 Landfill Road, Jackson, NC to accept used pesticide containers. Storage trailers are used to store containers. Once trailers have been filled, US Ag Recycling, Inc. is scheduled for pick up. Containers are ground on site and a receipt is given stating the number of containers ground. Records of recycling are kept at the convenience center site and at NC Cooperative Extension Office. Solid Waste personnel can be contacted for information regarding any restrictions that may apply to recycling.

**Intended Actions:** There are no further actions planned.

**Abandoned Manufactured Homes**

**Current Program:** Northampton County considered implementing a program for the management of abandoned manufacturing homes and decided not to do so at this time.

**Intended Actions:** There are no further actions planned.

**Household Hazardous Waste**

**Current Program:** There is no current program for the planning area.

**Intended Actions:** There are no further actions planned.

**Shingles**

**Current Program:** Shingles will be stored on a 30’ by 25’ concrete pad with retaining walls until a contractor is notified for pick up. Shingles will be accepted at 260 Landfill Road, Jackson, NC where the County’s convenience site is located. Acceptable materials are shingles and felt attached to shingles. Acceptable shingle materials to be disposed of will have a reduced disposal fee rate. Unacceptable shingles for recycling or items not to include in shingles are as follows: Wood, Metal Flashings, gutters, Nails (best effort) rolls of sheets of felt paper, plastic wrap, buckets, paper waste, garbage, trash or other waste materials, built-up asphalt roofing, asbestos-containing materials, and shingles containing mastics. Northampton County has an agreement for supply of post consumer recycled asphalt shingles with S.T. Wooten Corporation (contractor). All written reports will be prepared by the contactor and by a person certified with all accreditations for asbestos testing. Reports will be located at contractors locations and a copy will be provided for files with Northampton County.
**Intended Actions:** Northampton County, with the assistance of grant monies, will implement a shingle recycling program during the FY 2013/2014. A separate concrete pad will be constructed and used for storage of shingle until a vendor, asphalt contract certified for recycling the material is scheduled for pick up. Concrete Pad will be constructed by December 31, 2013.

**Fluorescent Lights**

**Current Program:** There is no current program for the planning area.

**Intended Actions:** Northampton County, with the assistance grant monies, is planning to implement a fluorescent light recycling program. This program is currently planned for FY 2014/2015.

**Prevention of Illegal Disposal and Management of Litter**

**Current Program:** Northampton County does not currently have any issues with illegal disposal. If a problem area is identified, the Northampton County Zoning Officer is notified. The County Zoning Officer then investigates illegal dumping so that enforcement actions of the county’s ordinance policy can be taken against the illegal disposal.

**Intended Actions:** There are no further actions planned.

**Purchase of Recycled Materials and Products**

**Current Program:** Northampton County and the municipalities purchase recycled products when it is cost effective.

**Intended Actions:** There are no further actions planned.

**Section 7 – Solid Waste Management Cost**

Northampton County finances the cost of solid waste collection program through the County’s Solid Waste Tax. For each participant in the solid waste collection program a Solid Waste tax is applied to the property taxes for collection.

<table>
<thead>
<tr>
<th></th>
<th>FY 2011/2012</th>
<th>Number of Households served</th>
<th>Tons Collected</th>
<th>Total Cost Including Overhead</th>
<th>Calculated Cost Per Household</th>
</tr>
</thead>
<tbody>
<tr>
<td>Municipal Solid Waste</td>
<td>10,663</td>
<td>7,105.49</td>
<td>$1,887,784.20</td>
<td>$177.04</td>
<td></td>
</tr>
<tr>
<td>Recycling Program</td>
<td>10,663</td>
<td>145.48</td>
<td>$112,728.24</td>
<td>$10.57</td>
<td></td>
</tr>
</tbody>
</table>
Section 8 – Emergency/Disaster Debris Management and Animal Mortality

Northampton County currently has one pre-approved disposal site for storm debris. The site will be used to stage green waste until it can be ground into mulch. This site is labeled on site map as shown in Section 1 of this plan. Also see map depicted in Appendix B of this plan.

In the case of an emergency/disaster please contact Northampton County Emergency Management Coordinator at 252-574-0214.

A copy of the Northampton County Emergency Operations Plan is available upon request through the Emergency Services Department of Northampton County. It is planned to have this document available on the county’s website at a later date.
TOWN OF CONWAY, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the
environment, provide for an improved solid waste management system, better
Utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local
government, either individually or in cooperation with other units of local government, to
develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Board of Commissioners for Conway
hereby approves the Northampton County 3 year update to the 10-year comprehensive solid
waste management plan.

Adopted this 2nd day of April, 2013

[Signatures]

Mayor

Administrator

conwaytownhall@mchsi.com
Phone: 252-585-0488 Fax: 252-585-0272
Web site: www.townofconwaync.com
TOWN OF GARYSBURG, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statue 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of GARYSBURG hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan.

Adopted this 22nd day of April, 2013

[Signatures]

Mayor

Town Clerk
TOWN OF GASTON, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of Gaston hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan.

Adopted this 13th day of May, 2013

Mayor

Town Clerk
TOWN OF JACKSON, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year Comprehensive Solid Waste Management Plan; and

NOW, THEREFORE, BE IT RESOLVED that the Jackson Town Board of Commissioners hereby approves the Northampton County 3 year update to the 10-year Comprehensive Solid Waste Management Plan.

Adopted this 13th day of March, 2013

[Signatures]
Mayor

Town Clerk
TOWN OF LASKER, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of LASKER hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan.

Adopted this 18TH day of MARCH, 2013

Mayor

Town Clerk
TOWN OF Rich Square, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better Utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of Rich Square hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan.

Adopted this 2nd day of MAY, 2013

Mayor

Town Clerk
TOWN OF SEABOARD, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better Utilize our natural resources, control the cost of solid waste management, and

WHEREAS, NC General Statue 130A-309.09A (b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of Seaboard hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan.

Adopted this ___12___th day of ___March___, 2013

[Signature]
MAYOR

[Signature]
ALECRAE PECK, CMC
TOWN CLERK
Town of Severn
P.O. Box 401
Severn, North Carolina 27877

Phone: (252) 585-0411
Fax: (252) 585-9073

TOWN OF SEVERN NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY
2012 - 2015 UPDATE TO THE
SOLID WASTE PLAN

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better utilize our natural resources, control the cost of solid waste management, and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local governments, to develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of Severn, NC hereby approves the Northampton County 3 year update to the 10-year comprehensive solid waste management plan

Adopted this 6th day of May, 2013

George McGee, Mayor

Carol Ferguson, Town Clerk
Town of Woodland

TOWN OF WOODLAND, NORTH CAROLINA
RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY 2012-2015 UPDATE TO THE
SOLID WASTE MANAGEMENT PLAN

WHEREAS, better planning for solid waste will help protect public health and the
environment, provide for an improved solid waste management system, better
Utilize our natural resources, control the cost of solid waste management; and

WHEREAS, NC General Statute 130A-309.09A(b) requires each unit of local
government, either individually or in cooperation with other units of local government, to
develop a 3 year update to the 10-year comprehensive solid waste management plan; and

NOW, THEREFORE, BE IT RESOLVED that the Town Council of Woodland
hereby approves the Northampton County 3 year update to the 10-year comprehensive
solid waste management plan.

Adopted this 4th day of April, 2013

[Signature]
MAYOR

[Signature]
TOWN CLERK
NORTHAMPTON COUNTY, NORTH CAROLINA

RESOLUTION TO APPROVE THE NORTHAMPTON COUNTY COMPREHENSIVE 2012-2015 SOLID WASTE MANAGEMENT PLAN THREE YEAR UPDATE

WHEREAS, better planning for solid waste will help protect public health and the environment, provide for an improved solid waste management system, better Utilize our natural resources, control the cost of solid waste management; and,

WHEREAS, NC General Statue 130A-309.09A(b) requires each unit of local government, either individually or in cooperation with other units of local government, to develop a Three Year update to the Ten Year comprehensive solid waste management plan; and,

WHEREAS, Northampton County Local Government was represented and actively participated in the planning and preparation process of the update;

NOW, THEREFORE, BE IT RESOLVED that the Northampton County Board of Commissioners does hereby approve the Northampton County Comprehensive Solid Waste Management Plan Three Year Update.

Adopted this 3 day of June, 2013

[Signature]
Robert V. Carter, Chairman
Northampton County Board of Commissioners

[Signature]
Kimberly Turner, Clerk to the Board
Northampton County Board of Commissioners
Section 10 – Ordinances

Any copies of ordinances set forth by Northampton County dealing with solid waste, littering, and recycling policies are available upon request from the Planning and Zoning Department. The Planning and Zoning Director for the county is William Flynn and may be contacted at 252-534-1905. It is planned to have this document available on the county’s website at a later date.
Appendix A
Statement of Work for Electronic Recycling
and Asset Management Services

This Statement of Work ("SOW") is made by and between Global Electric Electronic Processing (USA), Inc. ("GEEP"), and Northampton County, and is subject to certain Electronics Recycling Agreements between GEEP and Northampton County on or after March 1, 2013 (per all party’s “Agreement”). Northampton County and GEEP are each referred to herein as a “Party” and collectively as the “Parties”. In consideration of the mutual promises, terms, conditions, and provisions contained in and/or incorporated into the Agreement, this SOW, and the other Exhibits, the Parties agree as follows:

I. Services.

Subject to the terms and conditions of the Agreement, Northampton County engages GEEP to provide Services from time to time and GEEP agrees to provide Services from time to time by arranging shipments of Material and/or Equipment and/or accepting Northampton County pick-up requests or deliveries transmitted by Northampton County. Services will be provided only upon request of Northampton County, including pursuant to a quotation issued by GEEP to Northampton County and accepted by Northampton County (an “Order”). Any and all Services shall be and are subject to the terms and conditions of each Order and this SOW. Conflicts between the terms and conditions of an Order and the terms and conditions of the Agreement or this SOW will be resolved in favor of the terms and conditions set forth in the Order.

II. GEEP Commitments.

GEEP warrants and covenants that it will:

A. Perform, in a safe, responsible and workmanlike manner, the Services for Client regarding Material and/or Equipment provided to it by Client (or through a third party for the benefit of Client) and not store Material or Equipment in an off-site location that has not been approved by Client;

B. Recover or recycle, in an environmentally and R2 certified manner, such Material and/or Equipment in compliance with all Environmental Laws and in compliance with all Hazardous Substance laws and regulations;

C. Ensure compliance with all applicable federal (and applicable state) Department of Transportation regulations and Occupational Safety and Health Administration regulations;

D. (i) Use commercially available technology and reasonable efforts to recycle all Material and/or Equipment and any elements, chemicals and/or compounds (in particular, Hazardous Substances) within 30 days of receipt and prevent disposal (landfills and/or incineration or otherwise) of Material and/or Equipment to the extent commercially reasonable; (ii) ensure that
it and its permitted subcontractors, either directly or through intermediaries, meet all applicable Environmental Laws and prevent shipping of Hazardous Substances to solid waste landfills or incinerators (or otherwise) for disposal or energy recovery; (iv) not export Hazardous Substances or Hazardous E-Waste from developed to developing countries for recycling or disposal (landfill and/or incineration); and (v) track, control and report Material and or Equipment weight throughout the recycling or recovery channel. We do not accept nuclear, biological and/or chemical materials under any condition.

E. Ensure that its representatives, agents, employees and independent contractors, if any, who are present on the premises of Client, will conduct themselves in accordance with the rules applicable to Client visitors and abide by all Client safety and environmental requirements.

F. Render a Certificate of Destruction to Client for each shipment of Material and or Equipment under the SOW within thirty (30) days of GEEP receipt of Material and or Equipment, in the form of Exhibit “A” to this SOW;

G. Not employ (i) prison labor, or (ii) persons under the legal working age, or (iii) foreign nationals that have not obtained government issued work permits.

H. Obtain and maintain with reputable insurance companies the minimum insurance coverages as follows:

<table>
<thead>
<tr>
<th>Insurance Coverage</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Liability</td>
<td>$1 million per occurrence</td>
</tr>
<tr>
<td></td>
<td>$2 million aggregate</td>
</tr>
<tr>
<td>Automobile Liability</td>
<td>$1 million per occurrence</td>
</tr>
<tr>
<td>Workers’ Compensation</td>
<td>$1 million per occurrence</td>
</tr>
<tr>
<td>Employer’s Liability</td>
<td>$1 million per occurrence</td>
</tr>
<tr>
<td>Errors &amp; Omission Liability</td>
<td>$2 million per claim</td>
</tr>
<tr>
<td></td>
<td>$4 million aggregate</td>
</tr>
<tr>
<td>Directors &amp; Officers Liability</td>
<td>$2 million Limit</td>
</tr>
<tr>
<td>Environmental Impairment Liability</td>
<td>$5 million per claim</td>
</tr>
<tr>
<td>Umbrella (not Environmental)</td>
<td>$19 million Limit</td>
</tr>
</tbody>
</table>

I. Prior to the commencement of any Services, GEEP shall, upon request, furnish Client insurance certificates, endorsements, or evidence of coverage signed by authorized representatives of the companies providing the coverage required under the terms hereof.
J. GEEP acknowledges that the exportation of Material and or Equipment hereunder is subject to compliance with Export Laws and GEEP covenants and agrees that it will comply with all such Export Laws with respect to the Services hereunder including all sales of Material and or Equipment and byproducts thereof.

K. GEEP confirms that it will not export or re-export Material and or Equipment directly or indirectly, either to (i) any countries that are subject to export restrictions or (ii) any end user who has been prohibited from participating in export transactions by any agency of government. GEEP warrants that Material and or Equipment will not be used to develop or produce weapons of mass destruction or sold or licensed to an end user who GEEP knows or has reason to know may utilize the Material and or Equipment directly or indirectly in connection with weapons of mass destruction or nuclear activities. For purposes of this SOW, the end user is the party who received the Materials and/or Equipment from GEEP.

L. GEEP covenants and agrees that it shall screen the reliability of each end user so that the Material and/or Equipment will not be used in a manner which is prohibited under this SOW, under Export Laws or otherwise, which end user is the party who received the Materials and/or Equipment from GEEP.

M. Upon Client’s request, GEEP shall execute, acknowledge, deliver and cause to be duly filed all instruments and documents and take actions as Client may from time to time reasonably request to assure that the necessary export requirements have been met and that GEEP has complied with and is complying with all Export Laws.

N. If required, GEEP will obtain prior authorization for export of the Material and or Equipment. GEEP or GEEP’s carrier will prepare export documentation necessary for shipment to GEEP’s specified location and GEEP will be responsible for assuring that the appropriate import permits and licenses with respect to the Equipment and/or Materials, including any markings needed for import are obtained. Client reserves the right to immediately terminate this SOW if GEEP fails to comply with the Export Laws.

O. GEEP shall comply with guidelines established by the Organization for Economic Cooperation and Development (“OECD”) for the Transboundary Movements of Wastes Destined for Recovery Operations, as amended (the guidelines can be accessed at the OECD web site at www.oecd.org).

III. Term and Termination.

A. The SOW commences on the date first set forth above and continues until either Party provides the other with at least thirty (30) days prior notice of termination, provided, however, no termination shall effect the duty of one Party to the other Party with regard to any Material and or Equipment delivered or in
transit to Client from GEEP or from Client to GEEP, the termination being delayed until all duties with respect to such Material or Equipment in transit have been completed in accordance with this SOW.

IV. Material(s) Covered by SOW.
The following is/are collectively referred to as “Material”:

All electronic scrap including monitors and televisions.

V. Service Offerings:
The following services are collectively referred to as the “Services”:

A. Logistics/Transportation (inbound and outbound)
   Unless otherwise set forth in an Order, Logistics and transportation will be arranged by GEEP, Inc.

B. End Of Life Services
   1. Register and Inventory
      i. Receive
      ii. Date, pallet count, and weight of the material as received from shipper, plus a copy of the Bill of Lading and LOT number of Material received.
      iii. Geep will provide weights summary noting items received to the county for the county’s information to be used by the county as it deems needed.
      iv. Report any discrepancies within 2 Business days.

   GEEP shall recycle all Materials that do not have value in accordance with Section II.

C. Reporting
   1. GEEP will provide an assessment/audit report listing the information obtained during the assessment/audit of the equipment including a recommendation as to the disposition of the equipment within 30 business days of receipt. It will be assumed that all items coming from the county will be at the end of their life and recycled as noted herein in most all cases. In the rare event that an item is sent to GEEP that it cannot dispose of, the county will be contacted to determine the best means of disposal for both parties.

   2. GEEP shall record information pertaining to the Material as listed in the diagnostics and testing, hard drive destruction and recycling and equipment resale and submit a Final Settlement Report within thirty (30) calendar days following
acceptance of the assessment/audit report. Geep does not foresee any instance of resale coming from this SOW, only the end of life recycling of materials from the county.

3. GEEP shall create all reports in an MS Excel file format that shall be transmitted electronically to an authorized Client employee or, if pre-approved by Client, sent by other means as mutually agreeable.

4. GEEP shall attach the Certificate(s) of Destruction and Indemnification in substantially the form shown as “Exhibit A” to the SOW specifying Client part numbers, quantities, and serial numbers if any, to the appropriate Settlement Report for such removal or destruction.

VI. Pricing

For the Service provided by GEEP, Northampton County will pay (or be paid) the following for each pound of material for which title has passed from Northampton County to GEEP, unless the parties agree to different pricing in an Order:

→ End of Life Processing

<table>
<thead>
<tr>
<th>Categories</th>
<th>What GEEP Pays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northampton County</td>
<td></td>
</tr>
<tr>
<td>• GEEP, Durham, NC agrees to provide needed pallets, gaylords, shrink wrap to Northampton County used expressly for the packaging and shipping of materials from Northampton County to GEEP, Durham, NC. This material is covered under the cost listed for leaded glass disposal listed below. There will be no “per mile” fee at this time unless later agreed upon by the county and GEEP, Inc.</td>
<td></td>
</tr>
<tr>
<td>• GEEP Durham, NC will provide a trailer on site at the Northampton County facility for purpose of storage and delivery of material to GEEP, Durham, NC. This is also covered by the leaded glass disposal fee listed below.</td>
<td></td>
</tr>
<tr>
<td>• GEEP, Inc agrees to provide timely removal and replacement of trailers on the Northampton County site upon notification from Northampton County. Approximate turn around on said trailer will be 7 days or less from receipt of call.</td>
<td></td>
</tr>
<tr>
<td>• Northampton County agrees to fill trailers as full as possible prior to shipping. Expected average should be at least 24 single stacked up to 48 double stacked pallets where possible.</td>
<td></td>
</tr>
<tr>
<td>• The pricing to follow assumes that all CRT/Flat screen product AND electronic waste discussed below is sent to GEEP, Durham, NC. We assume that most trailers will be approximately 75% CRT/Flat screen material and 25% other.</td>
<td></td>
</tr>
<tr>
<td>• Disposal fee for CRT and Flat screen Monitors</td>
<td></td>
</tr>
<tr>
<td>o Northampton County to pay $0.14/lb if a trailer is left on site for storage.</td>
<td></td>
</tr>
</tbody>
</table>
| o Northampton County to pay $0.11/lb if a trailer is “Live Loaded” meaning we send a truck with only the packaging material listed above for drop off, Northampton County then fills the truck as
described above, and the driver leaves with a full load on the same day.
  o Northampton County to pay $0.08/lb if the items are shipped to our facility by the county.

- Geep Will pay for any items listed on the attached “Commodity Pricing” report at the price listed on said report. THIS PRICE IS BASED ON AN EVER CHANGING MARKET VALUE for items recovered from the units listed (such as ferrous and nonferrous metals, plastics, etc). Therefore, GEEP, Durham, NC agrees to pay the listed price on the day the shipment is received at our facility.
  o To get this value, Northampton County agrees to separate out the item they wish to receive this special pricing on from both the CRT and Flat Screen mix AND all other Electronic Waste.
  o Northampton County agrees to mark this container or pallet to be clearly recognized by our receiving associates as separate from other items.

- All other Electronic Waste (described Below) not sorted will be paid at $0.07/lb by GEEP, Durham, NC (excludes CRT/Flat Screens)

**Electronic Waste includes all of the following:**

- Hard Drives
- Media Drives
- AC Adaptor
- Power Supply
- Keyboards
- Mice
- UPS (uninterrupted power supply)
- Docking Stations
- Modems
- Mother Circuit Board
- High Grade Circuit Board
- Medium Grade Circuit Board
- Low Grade Circuit Board
- CRT/Monitor Board
- RAM
- Cell Phone (with Battery)
- Cell Phone (without Battery)
- Ceramic Processor
- Metal Back Processor
- Fibre Back Processor
- Hard Drive Boards
- Telecom Board
- Lithium Ion (Li-Ion)
- Lithium Ion Polymer (Li-Ion Poly)
Nickel Metal Hydride (Ni-Mh)
Nickel Cadmium Dry (Ni-Cd)
Nickel Cadmium Wet (Ni-Cd)
Lead Acid (Pb Acid)
Mixed Plastic - white WEE
Mixed Plastic - black WEE
Mixed Plastic - mixed color WEE
Mixed Plastic - non WEEE
Copper Yokes
Degaussing Wire - Copper
Degaussing Wire - Aluminum
Heat Sinks - Copper / Aluminum
Heat Sinks - Copper (Clean copper)
Heat Sinks - Alum (100% clean)
Heat Sinks - irony alum/stainless
Transformers - Copper
Mixed Computer Fans
Miscellaneous Computer Wire
Printers
Copiers/Faxes
House/office Phones
Consumer electronics - electric scrap
Laptops
PC'S/Desks - complete
PC's/Desks - incomplete
Servers - modules
Servers - empty racks
Network Switch
Cable box w/HDD
Cable box without HDD
Low Grade e-waste unclassified
High Grade e-waste unclassified
#2 ICW @ 55% recovery
#1 ICW @ 70% recovery
Small Electric motors - copper wound

VII. Payment Terms.

Payments terms are net ninety (30) days from date of invoice. All payments and interest thereon are payable in US Dollars.

VIII. Taxes.
GEEP, Inc. is responsible for paying all taxes, import and export fees reflected in an Order.

**IX. Shipping Terms; Risk of Loss.**

When GEEP agrees in writing to this SOW in regards to transportation, GEEP will, at the above agreed upon price, arrange for the shipping of Material and or equipment under this SOW, with the carrier to provide the service. GEEP shall bear risk of loss and responsibility for safe transportation of Material and or Equipment upon departing Client’s dock or facility. See section VI for details regarding shipping costs. The county agrees to properly package the material and place it on the trailer provided by GEEP. As noted, each pallet or Gaylord placed on the truck will contain one of the following:

- Sorted leaded glass product or flat screens that the county will pay GEEP to recycle at the agreed upon rate.
- Sorted material listed on the attachment which the county wishes to receive a higher price for. This means that pallet or Gaylord ONLY has one item from that list in the appropriate container. For example, a Gaylord with only laptops, a pallet of only computer towers, etc. No other items will be present in or on that specific pallet/Gaylord to receive the higher pricing set forth on the attached sheet.
- Unsorted electronics that do not contain leaded glass or flat screens that GEEP pays the county for. This can include anything not listed above that has a power cord and does not fall under the white goods tax established for such items. This would include all items that GEEP intends to pay the county $0.07 per pound for listed above in section VI.
PERRY JOHNSON REGISTRARS, INC.

Certificate of Registration

Perry Johnson Registrars, Inc., has assessed the Environmental, Health and Safety Management System of:

GEEP Inc.
2710 Weck Drive, Durham, NC 27709 United States

(Hereinafter called the Organization) and hereby declares that the Organization has been audited by an ISO 17021 accredited certification body in conformance with applicable ANAB requirements and is found to be in conformance with all requirements of the

Responsible Recycling® (R2) Rev. 10/2008

This Registration is in respect to the following scope of supply:

Processing of Electric / Electronic and Telecommunication Equipment for Resuse and End of Life Recycling

Such products shall be manufactured by the Organization at, or such processes or services shall be offered at or from, only the address given above. This Registration is granted subject to the system rules governing the Registration referred to above, and the Organization hereby accounts with the Assessment body duty to observe and comply with the said rules.

For PJR:

Terry Boeije, President
Perry Johnson Registrars, Inc. (PJR)
755 West Big Beaver Road, Suite 1340
Troy, Michigan 48084
(248) 358-3388

The validity of this certificate is dependent upon ongoing surveillance.

Effect Date: September 30, 2010
Expiry Date: September 29, 2013
Certificate No.: C2010-02503