

AGENDA

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION

June 11, 2013

6:30 p.m.

LOUDON COUNTY COURTHOUSE ANNEX

Loudon, Tennessee

1. Call to Order
2. Approval of Minutes – April 9, 2013 & May 14, 2013
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Attorney's Report
7. GeoSyntec Landfill Evaluation Presentation
8. Annual Update to Solid Waste Report
9. Other Items of Commission's Consideration
10. Adjourn

Collection Systems & Diversion Activities

Member: LOUDON(Loudon APR) | Year: 2012 | Cycle: ANNUAL

Search Responses

+Response By: County - Loudon APR

+Response History

-Survey Data

Diversion Activities

Did your local government have any household hazardous waste events? *

Yes

No

Disaster Recovery Diversion

Comment on any disaster related solid waste activities that may have influenced diversion efforts with your local government.

None

Source Reduction Activities

Describe source reduction and reuse activities by public or private entities by jurisdiction.

1. Loudon County has several private trucking companies that utilize used oil as a heat source.
2. Tennessee Hickory makes their wood chips available to the general public.
3. Cities of Lenoir City and Loudon make organic waste available to the general public.
4. Brewsters Services makes organic waste available to the general public.

List any restrictions the local government or region places on collected wastes (Examples: no cardboard allowed in MSW compactors, additional container charges, etc.)

None

Convenience Centers

1. Convenience Center

 Remove

Name of Convenience Center:

Center: *

Address:

City:

Zip:

Permit Number:

Phone #:

Days Convenience Center is open:

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

Monday
Time Open:
Time Closed:

Tuesday
Time Open:
Time Closed:

Wednesday
Time Open:
Time Closed:

Thursday
Time Open:
Time Closed:

Friday
Time Open:

Time Closed

Saturday

Time Open

Time Closed

Do you collect recyclables? *

Yes

No

What recyclables are collected at this Convenience Center: *

- Metals
- Paper
- Glass
- Batteries
- Plastic
- Textiles
- Pallets
- Tires
- Used Oil
- Antifreeze
- E-Scrap
- Paint
- Other

2. Convenience Center



Name of Convenience Center:

Center: *

Address:

City:

Zip:

Permit Number:

Phone #:

Days Convenience Center is open:

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday

Monday

Time Open

Time Closed

Tuesday

Time Open

Time Closed

Wednesday

Time Open

Time Closed

Thursday

Time Open

Time Closed

Friday
Time Open
Time Closed

Saturday
Time Open
Time Closed

Do you collect recyclables? *

- Yes
- No

What recyclables are collected at this Convenience Center: *

- Metals
- Paper
- Glass
- Batteries
- Plastic
- Textiles
- Pallets
- Tires
- Used Oil
- Antifreeze
- E-Scrap
- Paint
- Other

3. Convenience Center

Name of Convenience Center:
Center: *
Address: *
City: *
Zip: *
Permit Number: *
Phone #: *

Days Convenience Center is open:

- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday
- Sunday

Tuesday
Time Open
Time Closed

Wednesday
Time Open
Time Closed

Thursday
Time Open
Time Closed

Friday
Time Open
Time Closed

Saturday
Time Open
Time Closed

Do you collect recyclables? *

- Yes
- No

What recyclables are collected at this Convenience Center: *

- | | | | |
|--|--|---|---|
| <input checked="" type="checkbox"/> Metals | <input checked="" type="checkbox"/> Paper | <input type="checkbox"/> Glass | <input checked="" type="checkbox"/> Batteries |
| <input checked="" type="checkbox"/> Plastic | <input type="checkbox"/> Textiles | <input checked="" type="checkbox"/> Pallets | <input type="checkbox"/> Tires |
| <input checked="" type="checkbox"/> Used Oil | <input checked="" type="checkbox"/> Antifreeze | <input checked="" type="checkbox"/> E-Scrap | <input type="checkbox"/> Paint |
| <input checked="" type="checkbox"/> Other | | | |



Convenience Center Summary

Please identify ANY changes that occurred to your convenience center(s)?

The State of Tennessee will input the number of County Convenience Centers required as computed using this worksheet (click here):

Total number of Convenience Centers present in jurisdiction:

Difference:

If you have fewer convenience centers than are required, what steps will be taken to provide collection assurance?

Public Collection (Green Box)

Does your local government have any green boxes? *

- Yes
- No

Transfer Stations

Does your local government have any transfer stations? *

- Yes
- No

Does your local government have any recycling drop off locations not associated with convenience centers? *

- Yes
- No

Pay as You Throw

Does your local government have PAYT? *

- Yes
- No

Roadside Dumps

List the locations of the largest five roadside dumps and the materials that make up these dumps.

#	LOCATIONS	MATERIALS	DUMP TONS
1			
2			
3			
4			
5			

List Higher Level of Service-Alternative Disposal Collection Systems

Does any local government have curbside waste collection (Higher Level of Service-Alternative Disposal Collection System)? *

- Yes
- No



List Curbside Recycling Programs by Jurisdiction

Does any local government have any curbside recycling programs? *

Yes

No

Facility

Provide the Name and Physical Street Address of the Facility(s) where your recyclables (paper, plastic, glass and metal) are taken, sorted, and prepared for market, after they are collected at your convenience centers, through your curbside program, or other collection points.

1. Facility

Name *	<input type="text" value="Lenoir City Convenience Center"/>
Address *	<input type="text" value="500 Halls Ferry Road"/>
City *	<input type="text" value="Lenoir City"/>
Zip *	<input type="text" value="37771"/>



If publicly owned, describe the equipment at this location

One old horizontal baler
one old vertical baler
One new forklift
One newer forklift



State Comments or Incentives/Disincentives:

Administrative Contact Information

Member: LOUDON (Loudon APR) | Year: 2012 | Cycle: ANNUAL

[Search Responses](#)

←Response By: County - Loudon APR

←Response History

-Survey Data

Regional Planning Contacts

Planning Region Report Author

Report Author: *

Author Title:

Organization: *

Address: *

City:

Zip: *

Phone: * (###)###-#### ext. ###

Mobile: (###)###-#### ext. ###

Email: *

Solid Waste Regional Planning Board or Part 9 Authority

Chair: *

Address: *

City:

Zip: *

Phone: * (###)###-#### ext. ###

Mobile: (###)###-#### ext. ###

Email: *

Term Expires: 

Planning Board

Solid Waste Regional Planning Board Member or Part 9 Board Member *

Jurisdiction *

Term Expires

 Remove

Re-TRAC Connect: Administrative Contact Information

03/01/2014 

Contact Method:

Phone Email Address

Planning Board



Solid Waste Regional Planning Board Member or Part 9 Board Member *

Jim Akins

Jurisdiction *

Loudon County

Term Expires

03/01/2014 

Contact Method:

Phone Email Address

Planning Board



Solid Waste Regional Planning Board Member or Part 9 Board Member *

Robert Harrison

Jurisdiction *

Loudon county

Term Expires

03/01/2014 

Contact Method:

Phone Email Address

Planning Board



Solid Waste Regional Planning Board Member or Part 9 Board Member *

Aprell Patterson

Jurisdiction *

Loudon County

Term Expires

03/01/2013 

Contact Method:

Phone Email Address

Planning Board



Solid Waste Regional Planning Board Member or Part 9 Board Member *

John Watkins

Solid Waste Regional Planning Board Member or Part 9 Board Member *

John Watkins

Remove

Jurisdiction *

https://connect.re-trac.com/manage/programs/55/survey_responses/52355/edit

6/10/2013

Re-TRAC Connect: Administrative Contact Information

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Loudon County

Term Expires

04/01/2015

Contact Method:

Phone Email Address

Planning Board

Remove

Solid Waste Regional Planning Board Member or Part 9 Board Member *

Bill Waldrop

Jurisdiction *

Loudon County

Term Expires

04/01/2015

Contact Method:

Phone Email Address

Add

Local Government Contacts

Local Government Mayor or Executive: *

Estelle Herron

Title:

Mayor

Address: *

100 River Road

City:

Loudon

Zip: *

37774

Phone: *

6054564664

(###)###-#### ext. ####

Mobile:

(###)###-#### ext. ####

Email:

Solid Waste Director:

Title:

Organization:

Address:

Organization:
Address:
City:
Zip:
Phone: (###)###-#### ext. ####
Mobile: (###)###-#### ext. ####

https://connect.re-trac.com/manage/programs/55/survey_responses/52355/edit

6/10/2013

Re-TRAC Connect: Administrative Contact Information

Page 4 of 5

Email:
Recycling Coordinator:
Title:
Organization:
Address:
City:
Zip:
Phone: (###)###-#### ext. ####
Mobile: (###)###-#### ext. ####
Email:

1. Other Key Contacts



Name:
Title:
Organization:
Address:
Address 2:
City:
State: 
Zip:
Email:
Work Phone:
Cell Phone:

Area of Responsibility (Check all that apply):

- Recycling
- Education and Outreach
- HHW
- Solid Waste
- Tires
- Elected Official



 Add

State Comments or Incentives/Disincentives:

https://connect.re-trac.com/manage/programs/55/survey_responses/52355/edit

6/10/2013

Auditor Notes

Response moved from organization: Loudon ??? - 21155

Status

submitted

Auditor notes

Responder Data Update flag

Status:

Saved Survey still open and available to be edited

Submitted Submitted to program by user, locked and cannot be edited

Verified All submitted responses have been verified by the program manager

Response created on Mar 28, 2013 at 09:57 am CDT by lhumphres@santekenviro.com

Response last updated on May 17, 2013 at 01:15 pm CDT by Seth.McCormick@in.gov

CONTRACT TO AUDIT ACCOUNTS
OF
Loudon County Solid Waste Disposal Commission

FROM July 01, 2012 TO June 30, 2013

This agreement made this 4th day of June 2013, by and between Mitchell Emert and Hill, 416 Erin Drive, Knoxville, TN 37919, hereinafter referred to as the "auditor" and Loudon County Solid Waste Disposal Commission, of 101 Mulberry Street, Suite 102, Loudon, TN 37774, hereinafter referred to as the "organization", as follows:

1. In accordance with the requirements of the laws and/or regulations of the State of Tennessee, the auditor shall perform a financial and compliance audit of the organization for the period beginning July 01, 2012, and ending June 30, 2013 with the exceptions listed below:
2. The auditor shall conduct the audit in accordance with *Government Auditing Standards* issued by the Comptroller General of the United States and requirements prescribed by the Comptroller of the Treasury, State of Tennessee, as detailed in the *Audit Manual*. Additional information and procedures necessary to comply with requirements of governments other than the State of Tennessee are permissible provided they do not conflict with or undermine the requirements previously referenced. If applicable, the audit is to be conducted in accordance with the provisions of the Single Audit Act and U.S. Office of Management and Budget (OMB) *Circular A-133*. The audit is also to be conducted in accordance with any other applicable federal management circulars. It is agreed that this audit will conform to standards, procedures, and reporting requirements established by the Comptroller of the Treasury. It is further agreed that any deviation from these standards and procedures will be approved in writing by the Comptroller of the Treasury prior to the execution of the contract. The interpretation of this contract shall be governed by the above-mentioned publications and the laws of the State of Tennessee.
3. The auditor shall, as part of the written audit report, submit to the organization's management and those charged with governance:
 - a) a report containing an expression of an unqualified or modified opinion on the financial statements, as prescribed by the *Audit Manual*. This report shall state the audit was performed in accordance with *Government Auditing Standards*, except when a disclaimer of opinion is issued. If the organization is a component unit or fund of another entity, it is agreed that: (a) the financial statements may be included in the financial statements of the other entity; (b) the principal auditor for the other entity may rely upon the contracted auditor's report; and (c) any additional information required by the principal auditor of the other entity will be provided in a timely manner.
 - b) a report on the internal control and on compliance with applicable laws and regulations and other matters. This report shall be issued regardless of whether the organization received any federal funding. Audit reports of entities which are subject to the provisions of the Single Audit Act and OMB *Circular A-133* shall include the additional report required by that circular. The reports will set forth findings, recommendations for improvement, concurrence or nonconcurrence of appropriate officials with the audit findings, comments on corrective action taken or planned, and comments on the disposition of prior year findings.
4. If a management letter or any other reports or correspondence relating to other matters involving internal controls or noncompliance are issued in connection with this audit, a copy shall be filed with the Comptroller of the Treasury. Such management letters, reports, or correspondence shall be consistent with the findings published in the audit report (i.e., they shall disclose no reportable matters or significant deficiencies not also disclosed in the findings found in the published audit report).
5. The auditor shall file one (1) electronic copy of said report with the Comptroller of the Treasury, State of Tennessee. The auditor shall furnish 15 printed copies and/or an electronic copy of the report to the organization's management and those charged with governance. It is anticipated that the auditor's report shall be filed prior to December 31, 2013, but in no case, shall be filed later than six (6) months following the period to be audited, without explanation to the Comptroller of the Treasury, State of Tennessee and the organization. Requirements for additional copies, including those to be filed with the appropriate officials of granting agencies, are listed below:
6. The auditor agrees to retain working papers for no less than five (5) years from the date the report is received by the Department of Audit. In addition, the auditor agrees that all audit working papers shall, upon request, be made available in the manner requested by the Comptroller for review by the Comptroller of the Treasury or the Comptroller's representatives, agents, and legal counsel, while the audit is in progress and/or subsequent to the completion of the report. Furthermore, at the Comptroller's discretion, it is agreed that the working papers will be reviewed at the office of the auditor, the entity, or the Comptroller and that copies of the working papers can be made by the Comptroller's representatives or may be requested to be made by the firm and may be retained by the Comptroller's representatives.

7. Any reasonable suspicion of fraud, (regardless of materiality) or other unlawful acts including, but not limited to theft, forgery, credit/debit card fraud, or any other act of unlawful taking, waste, or abuse of, or official misconduct, as defined in *Tennessee Code Annotated*, § 39-16-402, involving public money, property, or services shall, upon discovery, be promptly reported in writing by the auditor to the Comptroller of the Treasury, State of Tennessee, who shall under all circumstances have the authority, at the discretion of the Comptroller, to directly investigate such matters. Notwithstanding anything herein to the contrary, the Comptroller of the Treasury, State of Tennessee, acknowledges that the auditor's responsibility hereunder is to design its audit to obtain reasonable, but not absolute, assurance of detecting fraud that would have a material effect on the financial statements, as well as other illegal acts or violations of provisions of contracts or grant agreements having a direct and material effect on financial statement amounts. If the circumstances disclosed by the audit call for a more detailed investigation by the auditor than necessary under ordinary circumstances, the auditor shall inform the organization's management and those in charge of governance in writing of the need for such additional investigation and the additional compensation required therefor. Upon approval by the Comptroller of the treasury, an amendment to this contract may be made by the organization's management and those charged with governance and the auditor for such additional investigation.

8. **Group Audits.** The provisions of Section 8, relate exclusively to contracts to audit components of a group under SAS 122, Section AU-C 600. (See definitions in AU-C 600, Paragraph 11.) Section 8 is only applicable to an auditor that audits a component (e.g. a fund, component unit, or other component) of a county government that is audited by the Division of Local Government Audit (LGA). Section 8 is intended to satisfy the communication requirements for the group auditor (LGA) to the component auditor under AU-C 600.

- a) The Division of Local Government Audit (LGA) shall be considered the "group auditor" for any contract to audit a component of an applicable county government. LGA shall present the county's financial statements in compliance with U.S. Generally Accepted Accounting Principles (GAAP) as promulgated by the Governmental Accounting Standards Board (GASB). LGA shall conduct the audit in accordance with auditing standards generally accepted in the United States of America and the auditing standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States.
- b) The contracting auditor shall be considered the "component auditor" for purposes of this section.
- c) The financial statements audited by the component auditor should be presented in accordance with GAAP as promulgated by GASB. If the financial reporting framework for any component does not conform to this basis, the financial reporting framework should be disclosed in Section 9 (Special Provisions). (Component financial statements that are not presented using the same financial reporting framework as the county's financial statements may cause this contract to be rejected.)
- d) The component auditor shall conduct the component audit in accordance with auditing standards generally accepted in the United States of America and the auditing standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States.
- e) The component auditor shall cooperate with LGA to accomplish the group audit. It is anticipated that LGA will make reference to the component auditor's report in the group audit report. Should LGA find it necessary to assume responsibility for the component auditor's work, the terms, if any, shall be negotiated under a separate addendum to this contract.
- f) The component auditor shall follow the ethical requirements of *Government Auditing Standards* and affirms that the component auditor is independent to perform the audit and will remain independent throughout the course of the component audit engagement.
- g) The component auditor affirms that the component auditor is professionally competent to perform the audit. LGA may confirm certain aspects of the component auditor's competence through the Tennessee State Board of Accountancy.
- h) The component auditor will be contacted via email by the LGA's Audit Review Manager with the estimated date of the conclusion of LGA's audit of the county government. The component auditor agrees to update subsequent events between the date of the component auditor's report and the date of the conclusion of LGA's audit of the county government. Additional subsequent events should be communicated via email to LGA's Audit Review Manager.
- i) The component auditor shall read LGA's audited financial statements for the county government for the previous fiscal year noting in particular related parties in the notes to the financial statements, and material misstatement findings in the Findings and Questioned Costs Section. The previous year audited financial statements can be obtained from the Comptroller's website at www.comptroller.tn.gov. As required by generally accepted auditing standards, we have identified Management Override of Controls and Improper Revenue Recognition as presumptive fraud risks. The component auditor shall communicate to LGA (i.e. group management) on a timely basis related parties not previously identified by the group management in LGA's prior year audited financial statements. Related parties should be communicated via email to LGA's Audit Review Manager.
- j) The component auditor's report should not be restricted as to use in accordance with AU-C, 25 (b) and AU-C, 905.
- k) Sections 1-7 and Sections 9-13 of this contract are also applicable to the component auditor during the performance of the component audit.

9. (Special Provisions)

10. In consideration of the satisfactory performance of the provisions of this contract, the organization shall pay to the auditor a fee of (Fees may be fixed amounts or estimated.) (Fixed Amount: **\$6,550**) or (Estimated gross fee:)

(If not fixed amount, an estimated gross fee should be furnished to the governing unit for budgetary purposes. A schedule of fees and/or rates should be set forth below. Interim billings may be arranged with consent of both parties to this contract.) Provision for the payment of fees under this agreement has been or will be made by appropriation of management and those charged with governance.

SCHEDULE OF FEES AND/OR RATES:

11. As the authorized representative of the firm, I do hereby affirm that:

- our firm and all individuals participating in the audit are in compliance with all requirements of the Tennessee State Board of Accountancy and;
- our firm has part has participated in an external quality control review at least once every three (3) years, conducted by an organization not affiliated with our firm, and that a copy of our most recent external quality control review report has been provided to the organization, and the office of the Tennessee Comptroller of the Treasury approving this contract;
- all members of the staff assigned to this audit have obtained the necessary hours of continuing professional education required by *Government Auditing Standards*.
- all auditors participating in the engagement are independent under the requirements of the American Institute of Certified Public Accountants and *Government Auditing Standards*.

12. This writing, including any amendments or special provisions, contains all terms of this contract. There are no other agreements between the parties hereto and no other agreements relative hereto shall be enforceable, unless entered into in accordance with the procedures set out herein and approved by the Comptroller of the Treasury, State of Tennessee. In the event of a conflict or inconsistency between this contract and the special provisions contained in paragraph 9 of this contract, the special provision(s) are deemed to be void. Any changes to this contract must be agreed to in writing by the parties hereto and must be approved by the Comptroller of the Treasury, State of Tennessee. All parties agree that the digital signatures, that is, the electronic signatures applied by submitting the contract, are acceptable as provided for in the Uniform Electronic Transaction Act. Any paper documents submitted related to this contract will be converted to an electronic format and such electronic document(s) will be treated as the official document(s).

13. If any term of this contract is declared by a court having jurisdiction to be illegal or unenforceable, the validity of the remaining terms will not be affected, and, if possible, the rights and obligations of the parties are to be construed and enforced as if the contract did not contain that term.

Audit firm

By _____
Signature

Title/Position: _____
E-mail address: _____
Date: _____

Governmental Unit or Organization

By _____
Signature

Title/Position: _____
E-mail address: _____
Date: _____

Approved by the Comptroller of the Treasury, State of Tennessee

For the Comptroller:

By _____

Date: _____

Monthly Operations Report
Matlock Bend Landfill
June 11, 2013
Presented by:
Santek Environmental, Inc.



650 25th Street, N.W., Suite 100
Cleveland, Tennessee 37311
(423) 303-7101

Email: mail@santekenviro.com
Internet: www.santekenviro.com

- I. OPERATIONS**
 - A. Tonnage Report
 - B. Customer Report
 - C. Inspections
 - D. Materials Classification Report
 - E. Tire Report

- II. ENGINEERING**
 - A. Remaining Airspace Utilization Schedule

- III. HOST & SECURITY FEES**

LANDFILL TONNAGE VOLUME
MONTH ENDING -
MAY 2013

KIMBERLY CLARK - PAPER WASTE

MONTH	2012		2013		2012	
					TO 2012	TO 2013
JANUARY	7975.38	6856.77	-1118.61			
FEBRUARY	7790.53	5851.74	-1938.79			
MARCH	7790.86	7687.65	-103.21			
APRIL	6201.17	7018.70	817.53			
MAY	7497.63	8293.00	795.37			
JUNE			0.00			
JULY			0.00			
AUGUST			0.00			
SEPTEMBER			0.00			
OCTOBER			0.00			
NOVEMBER			0.00			
DECEMBER			0.00			
TOTAL	37255.57	35707.86	(1,547.71)			

TATE & LYLE - SLUDGE

MONTH	2012		2013		2012	
					TO 2012	TO 2013
JANUARY	1264.44	2186.05	921.61			
FEBRUARY	1593.58	2377.30	783.72			
MARCH	1693.49	2382.90	689.41			
APRIL	1629.64	2766.65	1137.01			
MAY	1527.87	1879.97	352.10			
JUNE			0.00			
JULY			0.00			
AUGUST			0.00			
SEPTEMBER			0.00			
OCTOBER			0.00			
NOVEMBER			0.00			
DECEMBER			0.00			
TOTAL	7709.02	11592.87	3,883.85			

PSC METALS INC

MONTH	2012		2013		2012	
					TO 2012	TO 2013
JANUARY	5439.68	5100.02	-339.66			
FEBRUARY	3937.54	3992.14	54.60			
MARCH	4655.10	3842.74	-812.36			
APRIL	3902.33	5550.21	1647.88			
MAY	4230.61	5413.60	1182.99			
JUNE			0.00			
JULY			0.00			
AUGUST			0.00			
SEPTEMBER			0.00			
OCTOBER			0.00			
NOVEMBER			0.00			
DECEMBER			0.00			
TOTAL	22165.26	23898.71	1,733.45			

TATE & LYLE - ASH

MONTH	2012		2013		2012	
					TO 2012	TO 2013
JANUARY	958.79	771.87	-186.92			
FEBRUARY	470.78	884.91	414.13			
MARCH	633.01	943.56	310.55			
APRIL	894.70	1235.12	340.42			
MAY	1183.70	1205.39	21.69			
JUNE			0.00			
JULY			0.00			
AUGUST			0.00			
SEPTEMBER			0.00			
OCTOBER			0.00			
NOVEMBER			0.00			
DECEMBER			0.00			
TOTAL	4140.98	5040.85	899.87			

LANDFILL TONNAGE VOLUME
MONTH ENDING -
MAY 2013

MATLOCK BEND LANDFILL

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	21228.22	21183.26	-44.96		
FEBRUARY	19725.24	18784.45	-940.79		
MARCH	21278.30	21164.32	-113.98		
APRIL	18513.04	23808.40	5295.36		
MAY	21187.33	24577.63	3390.30		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	101932.13	109518.06	7,585.93		

DAILY AVG FOR ANY
 RUNNING 30 DAY PERIOD 785.59

CITY OF LOUDON

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	360.21	361.29	1.08		
FEBRUARY	332.91	303.30	-29.61		
MARCH	415.05	348.14	-66.91		
APRIL	370.06	427.14	57.08		
MAY	385.40	429.42	44.02		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	1863.63	1869.29	5.66		

LOUDON COUNTY

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	455.80	453.60	-2.20		
FEBRUARY	434.11	384.82	-49.29		
MARCH	500.25	436.97	-63.28		
APRIL	444.00	479.58	35.58		
MAY	476.95	474.49	-2.46		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	2311.11	2229.46	-81.65		

WASTE SERVICES OF TN

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	3697.81	4596.48	898.67		
FEBRUARY	3731.86	5069.18	1337.32		
MARCH	3915.26	4998.69	1083.43		
APRIL	4006.32	5925.28	1918.96		
MAY	4785.96	5132.10	346.14		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	20137.21	25721.73	5,584.52		

LENOIR CITY

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	284.88	297.14	12.26		
FEBRUARY	283.75	261.57	-22.18		
MARCH	365.85	270.08	-95.77		
APRIL	346.16	355.37	9.21		
MAY	340.93	332.94	-7.99		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	1621.57	1517.10	(104.47)		

WASTE CONNECTIONS

MONTH	2012		2013		TO 2013
	2012	2013	2012	2013	
JANUARY	0.00	0.00	0.00		
FEBRUARY	30.22	0.00	-30.22		
MARCH	0.00	0.00	0.00		
APRIL	0.00	7.25	7.25		
MAY	0.00	10.95	10.95		
JUNE			0.00		
JULY			0.00		
AUGUST			0.00		
SEPTEMBER			0.00		
OCTOBER			0.00		
NOVEMBER			0.00		
DECEMBER			0.00		
TOTAL	30.22	18.20	(12.02)		



**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
SOLID WASTE DISPOSAL FACILITY EVALUATION**

NAME OF SITE <i>London County matouk Blvd</i>		REGISTRATION NUMBER <i>SNL 53-6203</i>		DATE <i>5/11/13</i>	
LOCATION (physical) <i> Hwy 220 off I-75 London</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other		
OWNER/OPERATOR <i>London County / Sinterk</i>			TYPE OF FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV		

		V1	V2			V1	V2
Inadequate vector control	8010	___	___	Leachate improperly managed	8330	___	___
Access not limited to operating hours	8020	___	___	Inadequate leachate collection system	8340	___	___
Inadequate artificial or natural barrier	8030	___	___	Leachate observed at the site	8350	___	___
Inadequate information signs	8040	___	___	Leachate entering runoff	8360	___	___
Unsatisfactory access road(s)/parking area(s)	8050	___	___	Leachate entering a water course	8370	___	___
Certified personnel not present during operating hours	8060	___	___	Inadequate gas migration control system	8380	___	___
Unapproved salvaging of waste	8070	___	___	Inadequate maintenance of gas migration control system	8390	___	___
Evidence of open burning	8080	___	___	Potential for explosions or uncontrolled fires	8420	___	___
Inadequate fire protection	8090	___	___	Waste not confined to a manageable area	8430	___	___
Unsatisfactory litter control	8110	___	___	Improper spreading of waste	8440	___	___
Inadequate employee facilities	8120	___	___	Improper compacting of waste	8450	___	___
No communication devices	8130	___	___	Unsatisfactory initial cover	8460	___	___
Inadequate operating equipment	8140	___	___	Unsatisfactory intermediate cover	8470	___	___
Unavailability of backup equipment	8150	___	___	Unsatisfactory final cover	8480	___	___
Unavailability of cover material	8160	___	___	Excessive pooling of water	8490	___	___
Inadequate maintenance of runoff/runoff system(s)	8170	___	___	Unsatisfactory stabilization of cover	8510	___	___
Inadequate erosion control	8180	___	___	Dumping of waste into water	8520	___	___
Inadequate dust control	8190	___	___	Unsatisfactory records or reports	8530	___	___
Unauthorized waste accepted	8210	___	___	Groundwater monitoring system improperly maintained	8540	___	___
Approved special waste accepted	8220	___	___	Operation does not correspond with engineering plans	8570	___	___
Tires improperly handled	8230	___	___	Operation does not correspond with permit condition(s)	8580	___	___
Medical waste improperly handled	8240	___	___	Permit, plans, operating manual not available	8590	___	___
Dead animals improperly handled	8250	___	___	No operating scales	8610	___	___
Washout of solid waste	8270	___	___				
No permanent benchmark	8280	___	___				
Inadequate random inspection program	8290	___	___				
Mishandling of special waste	8300	___	___				
Buffer zone standard violated	8310	___	___				
Inadequate maintenance of leachate management system	8320	___	___				

COMMENTS:

Start mowing as soon as grass seeds out, or by June 1.

no violations observed

PERSON INTERVIEWED (Signature) <i>[Signature]</i>	INSPECTED BY (Signature) <i>[Signature]</i>
TITLE <i>Manager</i>	TITLE <i>Geologist</i>

TIME OF DAY <i>10:55 A</i>	WEATHER CONDITIONS <i>Cloudy / Rain</i>	COMPLIANCE DATE ..
-------------------------------	--	-----------------------

Distribution: Facility - White Field Office - Canary Central Office - XC



SOLID WASTE DISPOSAL FACILITY EVALUATION

NAME OF SITE <i>London County Matlock Bend</i>		REGISTRATION NUMBER <i>502 C3-0203</i>		DATE <i>6/6/13</i>		
LOCATION (physical) <i>HWY 27 N off I-75 London</i>		PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input checked="" type="checkbox"/> Complaint <input type="checkbox"/> Other				
OWNER/OPERATOR <i>London County / Sinterk</i>		TYPE OF FACILITY <input checked="" type="checkbox"/> CLASS I <input type="checkbox"/> CLASS II <input checked="" type="checkbox"/> CLASS III <input type="checkbox"/> CLASS IV				
		V1	V2		V1	V2
Inadequate vector control	8010	___	___	Leachate improperly managed	8330	___
Access not limited to operating hours	8020	___	___	Inadequate leachate collection system	8340	___
Inadequate artificial or natural barrier	8030	___	___	Leachate observed at the site	8350	___
Inadequate information signs	8040	___	___	Leachate entering runoff	8360	___
Unsatisfactory access road(s)/parking area(s)	8050	___	___	Leachate entering a water course	8370	___
Certified personnel not present during operating hours	8060	___	___	Inadequate gas migration control system	8380	___
Unapproved salvaging of waste	8070	___	___	Inadequate maintenance of gas migration control system	8390	___
Evidence of open burning	8080	___	___	Potential for explosions or uncontrolled fires	8420	___
Inadequate fire protection	8090	___	___	Waste not confined to a manageable area	8430	___
Unsatisfactory litter control	8110	___	___	Improper spreading of waste	8440	___
Inadequate employee facilities	8120	___	___	Improper compacting of waste	8450	___
No communication devices	8130	___	___	Unsatisfactory initial cover	8460	___
Inadequate operating equipment	8140	___	___	Unsatisfactory intermediate cover	8470	___
Unavailability of backup equipment	8150	___	___	Unsatisfactory final cover	8480	___
Unavailability of cover material	8160	___	___	Excessive pooling of water	8490	___
Inadequate maintenance of runon/runoff system(s)	8170	___	___	Unsatisfactory stabilization of cover	8510	___
Inadequate erosion control	8180	___	___	Dumping of waste into water	8520	___
Inadequate dust control	8190	___	___	Unsatisfactory records or reports	8530	___
Unauthorized waste accepted	8210	___	___	Groundwater monitoring system improperly maintained	8540	___
Unapproved special waste accepted	8220	___	___	Operation does not correspond with engineering plans	8570	___
Tires improperly handled	8230	___	___	Operation does not correspond with permit condition(s)	8580	___
Medical waste improperly handled	8240	___	___	Permit, plans, operating manual not available	8590	___
Dead animals improperly handled	8250	___	___	No operating scales	8610	___
Washout of solid waste	8270	___	___			
No permanent benchmark	8280	___	___			
Inadequate random inspection program	8290	___	___			
Mishandling of special waste	8300	___	___			
Buffer zone standard violated	8310	___	___			
Inadequate maintenance of leachate management system	8320	___	___			
COMMENTS:						
<i>Continue mowing, cut along benches and p-pep if it is to wet to NA tractor on slopes</i>						
<i>No violations observed.</i>						
PERSON INTERVIEWED (Signature) <i>[Signature]</i>			INSPECTED BY (Signature) <i>[Signature]</i>			
TITLE <i>Site Manager</i>			TITLE <i>Inspector</i>			
TIME OF DAY <i>11:07A</i>		WEATHER CONDITIONS <i>Cloudy / Cool</i>		COMPLIANCE DATE		

Distribution: Facility - White Field Office - Canary Central Office - XC

Materials Classification Report
Matlock Bend Landfill
Monthly Tonnage Summary May 2013

Material	Tonnage	2011 Sludge %		2012 Sludge %	
MSW		January	xx	January	6%
		February	xx	February	8%
MSW	<u>7,071</u>	March	16%	March	8%
Special Waste		April	12%	April	9%
		May	13%	May	8%
Other	13,712	June	12%	June	8%
		July	11%	July	11%
Ash	1,366	August	8%	August	10%
		September	6%	September	10%
Sludge	<u>2,428</u>	October	6%	October	12%
Total Special Waste		November	6%	November	10%
		December	7%	December	10%
		2013 Sludge % 2014 Sludge %			
		January	11%	January	xx
		February	13%	February	xx
		March	12%	March	xx
		April	12%	April	xx
		May	10%	May	xx
		June	xx	June	xx
		July	xx	July	xx
		August	xx	August	xx
		September	xx	September	xx
		October	xx	October	xx
		November	xx	November	xx
		December	xx	December	xx
		2013 Sludge % 2014 Sludge %			
Tires	39	January	11%	January	xx
Total Material		February	13%	February	xx
		March	12%	March	xx
		April	12%	April	xx
		May	10%	May	xx
		June	xx	June	xx
		July	xx	July	xx
		August	xx	August	xx
		September	xx	September	xx
		October	xx	October	xx
		November	xx	November	xx
		December	xx	December	xx
% MSW					
% Special Waste					
% Sludge					

**2012-2013 Matlock Bend
Landfill Tire Report**

Month	Tonnage
Jul-12	29.45
Aug-12	34.25
Sep-12	17.27
Oct-12	15.98
Nov-12	36.29
Dec-12	22.44
Jan-13	21.46
Feb-13	32.98
Mar-13	29.78
Apr-13	50.8
May-13	39.64
Jun-13	
Total (tons)	330.34

Matlock Bend Landfill 2013 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE ¹ (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED ²	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		23,183		1.15		
Sept. 19, 2012	816,825	-	-	-	-	-
Sept. 20-30, 2012	-	2,423	A	1.15	2,786	814,039
October	-	19,524	A	1.15	22,453	791,586
November	-	17,903	A	1.15	20,588	770,998
December	-	18,643	A	1.15	21,440	749,558
January '13	-	21,183	A	1.15	24,361	725,197
February	-	18,785	A	1.15	21,602	703,595
March	-	21,164	A	1.15	24,339	679,256
April	-	23,808	A	1.15	27,380	651,876
May	-	24,578	A	1.15	28,264	623,612
June	-	23,183	P	1.15	26,661	596,951
July	-	23,183	P	1.15	26,661	570,290
August	-	23,183	P	1.15	26,661	543,629
September	-	23,183	P	1.15	26,661	516,968
October	-	23,183	P	1.15	26,661	490,307
November	-	23,183	P	1.15	26,661	463,646
December	-	23,183	P	1.15	26,661	436,985

¹ = Remaining airspace based on Sept. 19, 2012 aerial survey.

Full Date - H

May-2015

² = Projected tonnages are based on a 3 month average per Matt Dillard on 6-2-09.

³ = Utilization rate based on the annual utilization rate per October 27, 2008 construction meeting (Avg. Utilization = 1.38 cy/ton)

Tonnage for Past 3 Months

March	21,164
April	23,808
May	24,578
Average	23,183

cc: Matt
Rob
Kenny F.
Cheryl
Ron
Chris
Levi
David M.
Jason



650 25th Street NW, Ste 100
Cleveland, TN 37311

Phone: (423) 303-7101
Toll Free: (800) 467-9160
www.santekenviro.com

June 10, 2013

Loudon County Solid Waste Disposal Commission
100 River Road
P.O. Box 351
Loudon, TN 37774

Dear Steve:

Pursuant to Section 10.6 and 10.7 of the Sanitary Landfill Operation Agreement between Loudon and Santek as of July 1, 2007, Santek agreed to pay the Commission a host fee and security fee as defined in the Agreement. The following recap reflects the calculation for the period May 1, 2013 to May 31, 2013:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$376,879.10
Host Fee Percentage	<u>4.00%</u>
	\$ 15,075.16
Minimum Fee	<u>\$ 10,652.00</u>

Security Fees (Greater of below) –	
Total Tonnage Received	24,577.63
Rate per ton	\$ <u>1.00</u>
Total	\$ 24,577.63

Total Tip Fees Billed	\$376,879.10
Security Fee Percentage	<u>5.00%</u>
	\$ 18,843.96

Our checks in payment of the above fees have been remitted to the above address for the Commission. Should you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in cursive script that reads "Andrew Kandy".

Andrew Kandy
Regional Controller

MONTHLY CASH REPORT

_____ May _____ OF _____ 2013 _____

CASH RECEIPTS:

Landfill Host Fees	14,671.83
Closure/Post Clo. Security Fees	23,808.40
Interest Received	233.62
Tire Grants	
Other: _____	

Total Monthly Revenue: _____ 38,713.85

CASH DISBURSEMENTS:

Commissioner Meeting Pymts.	100.00
Commissioner Travel/Seminar	980.37
Meeting Expense	
Legal Services	1,829.90
Audit/Accounting Services	
Consultants	13,894.75
Trustee's Commission	384.80
Debt Service/Loudon - Water Lines	
Santek-Tire Grant	
Engineering Services	
Office Supplies	
Building and Contents Insurance	
Other: <u>Contracted Services-Mowing</u>	600.00
Other: <u>Fencing</u>	8,404.55

Total Monthly Expense: _____ 26,194.37

Change in Net Assets: _____ 12,519.48



BEGINNING CASH BALANCE: \$ _____ 2,548,508.79

CLOSURE RESERVES:	\$ 1,023,467.67
Total Closure Reserves and General Account	\$ 2,561,028.27
GENERAL ACCOUNT:	\$ 1,537,560.60

ENDING CASH BALANCE: \$ _____ 2,561,028.27

CHANGE IN CASH POSITION \$ _____ 12,519.48

Cheryl Dunson

From: Steve Field [sm_field@bellsouth.net]
Sent: Tuesday, June 04, 2013 9:26 PM
To: Cheryl Dunson
Cc: Kevin C. Stevens; Lisa Humphres
Subject: FW: Audit contract
Attachments: 2012-13 audit contract.pdf

Cheryl,
Please include a copy of the contract + Richards e-mail in the packets for the board to consider.
Thanks,
Steve

From: Richard Hill [mailto:Richardhill@mehcpa.com]
Sent: Tuesday, June 04, 2013 11:10 AM
To: Steve Field
Cc: Susan Emert
Subject: Audit contract

Steve,

I have attached a draft of the audit contract for the year ending June 30, 2013. I do this, not to be presumptuous, but so you will have this information for your upcoming board meeting. The fee is \$6,550, a \$200 increase from the prior year. This works out to be around 3%, less than the 5% we normally request each year. I hope this meets with you and the Board's approval. If so, will you kindly "reply all" to this email? I will be out of the office on vacation for much of June and this will allow Susan to go ahead and get the engagement letter prepared.

We look forward to continuing our work with you and the Commission.

On another topic, I have never heard from your consultants who are reviewing your arrangement with Santek. Do you know how that is going? Are there nearly done and ready to issue their findings?

Best regards,

Richard

Richard W. Hill, CPA
Mitchell Emert & Hill, P.C.
416 Erin Drive
Knoxville, TN 37919
Telephone: 865-522-2396 or 800-234-0695
Fax: 865-766-8488

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Solid Waste Planning & Implementations

Member: LOUDON(Loudon ???) | Year: 2012 | Cycle: ANNUAL

Search Responses

+Response By: County - Loudon ???

+Response History

-Survey Data

Publicly Owned/Operated Landfills

Are there any publicly owned landfills in the region? *

Yes

No

Project the amount of extended landfill life that diversion and technology advancements will bring to the capacity of regionally owned and operated Class I landfills. *

Zero. The current turnkey contract arrangement with Santek Environmental allows for an 800 ton/day cap. Santek's current business model only accommodates burying waste in the landfill and unless Santek changes their business model the Loudon County Solid Waste Disposal Commission anticipates Santek will find ways to keep the daily tonnage at that cap within the bounds of the contract.

Consider current growth rates for the region. How will continued growth at this rate affect landfill capacities and the solid waste management plan over the next 3, 5, and 10 years? *

To address current growth rates as projected by the University of Tennessee, the Loudon County Solid Waste Disposal Commission (LCSWDC) is currently pursuing a major permit modification to its existing landfill which will result in the addition of approximately 15 years of life. LCSWDC has also purchased adjacent property to the landfill for future disposal needs.



Demographic Information (Completed by TDEC) Summary for All Members

Member:	ID	Last Updated Date	Date Created	Population Information	Household Information	Other Information		
				Number of people in the regular population:	Total number of households:	Consumer Price Index:	Current Year Employment:	Taxable Sales:
<i>Responses by Member - Annual, 2012</i>								
Loudon APR	55526	2013-05-17 15:30:59	2013-05-17 15:30:59	49793	22030	229	23110	535923898

Problem Management & Education Management

Member: LOUDON (Loudon APR) | Year: 2012 | Cycle: ANNUAL

Search Responses

Response By: County - Loudon APR

Response History

Survey Data

Complaints

Is a method provided to receive complaints from the public related to solid waste issues? *

Yes

No

Provide the total number of reported solid waste complaints: *

Provide the number of solid waste complaints resolved: *

Describe the nature of the complaints: *

During rainy days sometimes mud is tracked off of LF onto Highway 72. Santek has initiated a cleanup process using a water truck to wash paved roadways and maintains a sweeper when necessary. During periods of heavy rain extra rock and gravel are utilized on the gravel roads to capture mud prior to trucks driving on the pavement.

Past Education Efforts

If you conducted any educational programs click on the "Add" button below.

1. Educational Program

Program Name: *

Program Sponsor: *

 Remove

Re-TRAC Connect: Problem Management & Education Management

Page 2 of 3

Program Effectiveness: *

- Positive Result - Noticeable increase in materials or quality after campaign
- Negative Result - Noticeable decrease in materials or quality after campaign
- Neutral Result - No change in material rates or quality after campaign

Program Type: *

- Classroom
- Advertisement
- Public Access
- Tour
- Recycle Guys
- Community Outreach
- Other

Program Target: *

- Adult/General Public
- Business/Industry
- Government/Institutional
- Children/Educators
- Media
- Civic/Environment
- Other

Number Served: *

- 0-10
- 11-20
- 21-30
- 31-50
- 51-100
- 101-500
- 501-1000
- 1001-5000
- 5001-10,000
- County-Wide
- Other
- Special

Narrative:



State Comments or Incentives/Disincentives:

Auditor Notes

Status

saved

Auditor notes

Responder Data Update flag

Status:

Saved Survey still open and available to be edited

Submitted Submitted to program by user, locked and cannot be edited

Verified All submitted responses have been verified by the program manager

Response created on Apr 17, 2013 at 09:58 am CDT by Gordon.Harless@Loudoncounty-Tn.gov

Response last updated on Jun 10, 2013 at 08:17 am CDT by Seth.McCormick@tn.gov

TN Reports APR Print View

Member: Loudon

Status: Saved

Expenses

EXPENSE ITEM	FUND/ENTITY	AMOUNT (\$)
51000 General Administration		<input type="text"/>
55710 Sanitation Management		<input type="text"/>
55720 Sanitation Education/Information	116 - Government Special Revenue	<input type="text" value="51,592.00"/>
55731 Waste pickup		<input type="text"/>
55732 Convenience centres	116 - Government Special Revenue	<input type="text" value="665,515.00"/>
55733 Transfer stations		<input type="text"/>
55734 Problem waste centres		<input type="text"/>
55735 Bailing Centers		<input type="text"/>
55739 Other waste collection		<input type="text"/>
55751 Recycling Center		<input type="text"/>
55752 Compost Center		<input type="text"/>
55753 Waste incinerator		<input type="text"/>
55754 Landfill Operation and Maintenance		<input type="text"/>
55759 Other waste disposal		<input type="text"/>
55770 Post closure care costs		<input type="text"/>
64000 Highways litter and trash collection		<input type="text"/>
70000 Education		<input type="text"/>
90000 Capital projects		<input type="text"/>
Contracted Services		<input type="text"/>
Total Expenses		<input type="text" value="717,107.00"/>

Revenues

--	--	--

REVENUE ITEM	FUND/ENTITY	AMOUNT (\$)
40000 Local Taxes	116 - Government Special Revenue	
40100 County Property Taxes		6,811.00
40200 County Local Option Taxes		618,302.00
42000 Fines, forfeitures and penalties		
43106 Commercial and industrial waste collection		
43107 Residential waste collection charges		
43108 Convenience Center waste collection charge		
43109 Transfer waste stations collection charge		
43110 Tipping Fees		
43111 Surcharge-State		
43112 Surcharge-Host Agency		
43113 Surcharge-General		
43114 Solid waste disposal fee		
44145 Sale of recycled materials	116 - Government Special Revenue	129,928.00
44165 Commodity rebates		
46170 Solid waste grants		19,107.00
46430 Public Works grants - Litter Program		54,429.00
468511 State Revenue Sharing		
47230 Federal government disaster relief		
48000 - Other Governments and Citizens Groups		
49800 - Transfer from General Fund		
Total Revenues		828,577.00

Assets

ASSET ITEM	FUND/ENTITY	AMOUNT (\$)
13100 Fixed Assets - Landfill Facilities Development		
13200 Land		1,395,628.00
13300 Fixed Assets - Buildings and Improvements		116,611.00
13700 Machinery and Equipment		101,793.00

Total Assests		1,614,032.00
---------------	--	--------------

Liabilities

LIABILITY ITEM	FUND/ENTITY	AMOUNT (\$)
21870 Accrued liability for landfill closure/post closure care costs - Current		240,465.81
27700 Accrued liability for landfill closure/post closure care costs		978,494.95
Total Liabilities		1,218,960.76

Program Summary

Member: LOUDON(Loudon APR) | Year: 2012 | Cycle: ANNUAL

Search Responses

+Response By: County - Loudon APR

+Response History

-Survey Data

Solid Waste Planning - Detail Strategies on Diversion

The Region's 10-Year Plan outlined a strategy to manage solid waste. In lieu of developing a complete update of this Plan as required by TCA 82-211-814, answer the following questions in as much detail as possible. **These questions should be answered by the government body responsible for directly determining solid waste policy within the region.**

Name and title of individual(s) who answers the following questions: *

Steve Field, Chairman LCSWDC
Gordon Harless, Convenience Center Director, Loudon County
Cheryl Dunson, Executive VP Santek Waste Services, Inc.

Looking back on the Plan from this current year, what changes have been made in the way the county handles & prioritizes Solid Waste? *

Insure we have adequate real-estate for future solid waste needs.

List and discuss the three largest obstacles to your solid waste disposal system: *

1. Large successful industries use the county landfill for their disposal needs
2. Low price for commodities like mixed plastics
3. Low prices for commodities like glass

In the coming years, how do you plan to handle disposal of waste differently to better address these issues? *

Work with the Tennessee Material Exchange to see if they can help any of our industrial customers

List and discuss the three largest obstacles to your waste reduction/recycling system: *

1. Low prices
2. Low prices
3. Low prices

In the coming years, what new programs, or modifications to existing programs, will be enacted to increase the amounts of material being reduced/recycled? *

Encourage the educational opportunities in schools

Improvements Remediation

Facility Improvements - Project any facility improvements needed for processing and/or managing solid waste and diversion efforts: *

The tonnage of brush, mulch and wood chips that are recycled/beneficially used, as reported in Loudon County Solid Waste Region's Annual Progress Reports, continues to decline. The region would greatly benefit from a centralized green waste processing facility. An economy of scale could be realized by accepting green waste from residents, municipalities, utilities as well as private companies. The equipment that is needed would be a large horizontal or tub grinder to obtain a uniform size chip. This uniformed chip would then be processed by a second grinder/hammer mill to a minimal size that could then be marketed. Material handling equipment to move the green waste from the drop off location to the sizing equipment would also be needed. Loading equipment would be needed to load the recycled and sized green waste into trailers/containers for transport to market. All equipment would need to be sized for approximately 100 tons per day with minimal labor for the long term success and validity of the Green Waste Recycling Facility. Gordon Harless, Loudon County Convenience Center Director

Monitoring Cost Projections - Project any future monitoring, remediation, or mandated improvements over the next five years by the county for county owned solid waste facilities, including convenience centers or transfer stations: *

Non-related to the County-owned solid waste facility, LCSWDC has a longterm contract with Santek Waste Services, Inc. to manage the Matlock Bend Landfill. Santek's contractual obligations include all monitoring and remediation costs, and mandated improvements throughout the life of its agreement. A regional approach to green waste recycling would have to be based on a collaboration between the local units of government that are represented by the Loudon County Solid Waste Region, the State of Tennessee and the private sector. Funding for a Regional Green Waste Recycling Facility is the challenge. The local units of government would be responsible for the operational and maintains cost which could only be partial recovered by material sales. Land acquisition would be accomplished by the county and the solid waste region. But the capital cost of the facility would have to be obtained from either state and/or federal sources.

Waste Stream Estimate

Give approximate percentages of each category of waste that make up your county's MSW stream.

- Residential: ***
 %
- Commercial: ***
 %
- Institutional: ***
 %
- Industrial: ***
 %

Successes and Setbacks

Describe any setbacks encountered in your solid waste management program and how these setbacks will be resolved in future plans: *

Last year, TDEC initially concluded that Loudon County did not achieve its 25% reduction goal based on a quantitative assessment. Further investigation concluded that the County did achieve its waste reduction goal based on a qualitative review or assessment of the statistics.

Describe your successes in the implementation of your Solid Waste Management Plan. What are you doing well to promote waste reduction: *

Convenience Center Manager does a great job of promoting recycling at the Convenience Centers

Describe how you manage each of the following problem wastes: batteries, paint, electronic scrap, tires, oil and antifreeze. Please include information on any difficulties you have had with each: *

The three Loudon County Convenience Centers except batteries, electronic scrap, oil and antifreeze each day during normal business hours. Paint is excepted at the Lenoir City location each Saturday from 9:00 am until 2:00 pm. Gordon Harless, Loudon County Convenience Center Director

Description of the Municipal Solid Waste Region

State or revise current responsibilities of each local government in the region by jurisdiction. *

1. City of Loudon - residential and commercial waste collection
2. City of Lenoir City - residential waste collection provided by the city. Commercial waste collection is open market except government buildings are collected by Santek Waste Services via a contract with the city
3. Loudon County - provides manned convenience centers for waste collection and recyclables for county residents

Describe and provide an analysis of the Current Solid Waste Management System within the region. *

The LCSWDC contracts with Santek Waste Services to manage a publicly owned landfill. The contract with Santek provides for long-term disposal capacity for residents and industries in Loudon County. Loudon County, City of Loudon and City of Lenoir City, are all Stakeholders in the landfill, and commit their waste volumes to the landfill. Loudon County provides waste reduction efforts at its public convenience centers and hosts annual Household Hazardous Waste events. LCSWDC has acquired property adjacent to the Mallock Bend Landfill for the future disposal needs of its constituents.

Describe the growth trends, waste projections, and system structure of the region. *

Loudon County is home to several major industries that generate a large amount of special wastes. LCSWDC has learned Kimberly Clark intends to employ a beneficial end use for its waste stream to which will have a significant impact on the total amount of waste that is landfilled and will significantly improve Loudon County's waste reduction statistics.

Describe current waste reduction strategies for the region. Include effectiveness. If positive waste reduction efforts are not occurring, describe why and lay out strategy with timeline to address negative result efforts. *

1. Loudon County residents can use one of 3 public convenience centers or can subscribe to residential collection with a variety of waste companies.
2. The City of Loudon collects commercial and residential waste.
3. The City of Lenoir City provides residential waste collection while it allows the free market to compete for commercial waste.
4. Tellico Village contracts with Waste Connections to collect the Village's waste. Waste Connections owns a transfer station in City of Lenoir City.
5. Encourage the Convenience Center Manager to accept more types of recyclables

Describe current waste collection and transportation systems. Include any expected changes or revisions to this plan. *

Within the county the Convenience Centers will be the focal point for recycling. Favorable commodity pricing will dictate the addition of new recycling opportunities at the Convenience Centers. Where pricing is unfavorable i.e. glass, the material will likely continue to be sent to the landfill. Tellico Village as a forward looking community provides a model for solid waste management that embraces recycling with single stream, curb side collection.

Describe current recycling strategies. If capture rate for commodities are less than the percentage described in the region's plan for available materials, what will be done to address this issue. Give time table of projects, responsible parties, and method to determine success that will be used to attain this. *

Within the county the Convenience Centers will be the focal point for recycling. Favorable commodity pricing will dictate the addition of new recycling opportunities at the Convenience Centers. Where pricing is unfavorable i.e. glass, the material will likely continue to be sent to the landfill. Tellico Village as a forward looking community provides a model for solid waste management that embraces recycling with single stream, curb side collection.

Describe the region's current composting, solid waste processing, waste-to-energy, and incineration capacity and strategies. Note any future or expected changes. *

None

What is the current disposal capacity for the solid waste processing facilities used by the region? *

None

Describe public information and education strategy, target, and general effectiveness. *

Loudon County Convenience Center utilizes funds from the StopLitter Grant to provide student, government, institutional and public education on anti-litter and recycling. Gordon Harless, Loudon County Convenience Center Director

Describe current problem waste management strategy. Include management descriptions for batteries, oil, paint, antifreeze, electronics and HHW materials. *

The three Loudon County Convenience Centers except batteries, electronic scrap, oil and antifreeze each day during normal business hours. Paint is accepted at the Lenoir City location each Saturday from 9:00 am until 2:00 pm. Gordon Harless, Loudon County Convenience Center Director

Briefly describe the current level of staff and how the program is funded. *

Loudon County Convenience Center utilizes funds from the StopLitter Grant and regular budget to provide one part-time person for education. Gordon Harless, Loudon County Convenience Center Director

State Comments or Incentives/Disincentives:

Auditor Notes

Status:

saved

Auditor notes

Responder Data Update flag

Status:

Saved Survey still open and available to be edited

Submitted Submitted to program by user, locked and cannot be edited

Verified All submitted responses have been verified by the program manager

Response created on May 13, 2013 at 12:57 pm CDT by Gordon.Harfless@Loudoncounty-tn.gov

Response last updated on Jun 10, 2013 at 09:03 am CDT by Seth.McCormick@tn.gov

Equipment and Facilities

Project all new recycling & solid waste equipment needs for the next 3 years.

1. Equipment/Facility

Type:

- Equipment
- Facility

Purpose:

- Disposal
- Recycling/Waste Reduction

Name of Equipment or Facility:

Green Waste Recycling Facility

Brief Description of Equipment/Facility (Max 200 Characters):

The tonnage of brush, mulch and wood chips that are recycled/beneficially used, continues to decline. Economy of scale could be realized by accepting green waste from all sectors.

Brief Description of Funding Source (Max 200 Characters):

A regional funding to green waste recycling would be based on collaboration between local units of government that are represented by Loudon County Solid Waste, State of Tennessee and private sector.

2. Equipment/Facility

Type:

- Equipment
- Facility

Purpose:

- Disposal
- Recycling/Waste Reduction

Name of Equipment or Facility:

Large Horizontal or Tub Grinder

Brief Description of Equipment/Facility (Max 200 Characters):

This equipment would be used to obtain a uniform size chip. This uniformed chip would then be processed by a second grinder/hammer mill to a minimal size that could then be marketed.

Brief Description of Funding Source (Max 200 Characters):

Loudon County is depending on grant funding, but local funds will be available.

3. Equipment/Facility

Remove

Type:

- Equipment
- Facility

Purpose:

- Disposal
- Recycling/Waste Reduction

Name of Equipment or Facility:

Material Handling Equipment

Brief Description of Equipment/Facility (Max 200 Characters):

This equipment is used to move the green waste from the drop off location to the sizing equipment.

Brief Description of Funding Source (Max 200 Characters):

Loudon County is depending on grant funding, but local funds will be available.

4. Equipment/Facility

 Remove

Type:

Equipment

Facility

Purpose:

Disposal

Recycling/Waste Reduction

Name of Equipment or Facility:

Loading Equipment

Brief Description of Equipment/Facility (Max 200 Characters):

This would be needed to load the recycled and sized green waste into trailers/containers for transport to market.

Brief Description of Funding Source (Max 200 Characters):

Loudon County is depending on grant funding, but local funds will be available.



Future Marketing and Educational Initiatives Marketing

Please describe the marketing and educational initiatives you plan in the next year. *

Loudon County Convenience Center plans on using StopLitter Education Funds to continue our anti-littering campaign and to promote recycling.

Education

TARGET AUDIENCE GROUP	PROJECTED SERVED	PROJECTED COST	REPETITIONS OR NUMBER
Adult/General Public	5,000		
Business/Industry	1,000		
Government/Institutional	500		
Children/Educators	9,000		

Narrative:

Disaster Debris Management

Does your local government have a Disaster Debris Management Plan? *

Yes

No

Are pre-event contracts in place? *

Yes

No

Are staging areas identified? *

Yes

No

How is Waste Reduction and Diversion addressed in the local disaster debris management plan? *

N/A

State Comments or Incentives/Disincentives:

Auditor Notes

Status

saved

Auditor notes

Responder Data Update flag

Status:

Saved Survey still open and available to be edited

Submitted Submitted to program by user, locked and cannot be edited

Verified All submitted responses have been verified by the program manager

Update

Delete Response

Response created on Apr 22, 2013 at 08:37 am CDT by lhumphres@santekenviro.com



Waste Diversion Report Summary for All Members

Member:	ID	Last Updated Date	Date Created	Collection Type:	Please specify:	Name	Contact on Transaction:	State	City:	Address:	Zip:
Responses by Member - Annual, 2012											
Loudon APR	55810	2013-05-23 09:29:21	2013-05-23 09:29:21	Commercial - (Retail, and office)		Walmart (Store 741)	Donna Dhooghe	Tennessee	Lenoir City		
Loudon APR	54300	2013-05-17 12:52:07	2013-04-24 08:02:26	All Sectors		Brewsters Services Group, Kenneth Brewster		Tennessee	Loudon	1042 Mulberry Street	37774
Loudon APR	55468	2013-05-17 12:51:37	2013-05-17 11:28:16	Industrial - (Manufacturing sectors)		Tennessee Hickory		Tennessee	Loudon	111 Keene Street	37774



Recycling Report Summary for All Members

Member:	ID	Last Updated Date	Date Created	Collection Type:	Please specify:	Name	Contact on Transaction:
Responses by Member - Annual, 2012							
Loudon APR	55809	2013-05-23 09:27:53	2013-05-23 09:26:35	Commercial - (Retail, and office)		Walmart (Store 741)	Donna Dhooghe
Loudon APR	54290	2013-05-17 12:52:07	2013-04-23 14:33:13	Residential - (Public government collected)		Tellico Village POA	Jeff Gagley
Loudon APR	54277	2013-05-17 12:52:07	2013-04-23 13:48:37	Industrial - (Manufacturing sectors)		Tate and Lyle	Dain Baker
Loudon APR	54301	2013-05-17 12:52:07	2013-04-24 08:20:39	Institutional - (Universities, hospitals, correctional facilities, non-local governm		Lenoir City Utilities Board	Chad Dotson
Loudon APR	54282	2013-05-17 12:52:07	2013-04-23 13:54:39	Industrial - (Manufacturing sectors)		Kimberly Clark	Bryan Crawford
Loudon APR	54302	2013-05-17 12:52:07	2013-04-24 08:36:59	Residential - (Public government collected)		Tennessee Trash	Kim Turner
Loudon APR	54283	2013-05-17 12:52:07	2013-04-23 14:16:05	Industrial - (Manufacturing sectors)		Yale Locks and Hardware	David Hunt
Loudon APR	54303	2013-05-17 12:52:07	2013-04-24 08:43:27	All Sectors		Tenalco Recycling Center	Michael Smith
Loudon APR	54284	2013-05-17 12:52:07	2013-04-23 14:20:07	Industrial - (Manufacturing sectors)		Seco Tools, Inc.	William Mark King
Loudon APR	54218	2013-05-17 12:52:07	2013-04-22 09:16:03	Industrial - (Manufacturing sectors)		Viskase	David Wasil
Loudon APR	54317	2013-05-17 12:52:07	2013-04-24 08:48:03	Commercial - (Retail, and office)		Advance Auto	Shirley Reeves
Loudon APR	54285	2013-05-17 12:52:07	2013-04-23 14:22:49	All Sectors		SP Recycling Southeast	Stephanie Kitts
Loudon APR	54272	2013-05-17 12:52:07	2013-04-23 12:38:23	Residential - (Public government collected)		City of Loudon	Bill Fagg
Loudon APR	54320	2013-05-17 12:52:07	2013-04-24 14:15:23	Commercial - (Retail, and office)		Advance Auto Parts 3650	Shirley Reeves
Loudon APR	54288	2013-05-17 12:52:07	2013-04-23 14:29:34	Industrial - (Manufacturing sectors)		American Honda Motor Company	Amy Brock
Loudon APR	54274	2013-05-17 12:52:07	2013-04-23 13:30:36	Industrial - (Manufacturing sectors)		Monterey Mushrooms	Bob Moore
Loudon APR	54324	2013-05-17 12:52:07	2013-04-24 15:17:00	Residential - (Public government collected)		Spectra Recycling, Inc.	Amy Howell
Loudon APR	55471	2013-05-17 12:51:37	2013-05-17 11:35:28	Industrial - (Manufacturing sectors)		Loudon County Trucking	Shan Urdie
Loudon APR	55463	2013-05-17 12:51:37	2013-05-17 10:48:59	Commercial - (Retail, and office)		Wal-Mart	Donna Dhooghe
Loudon APR	55464	2013-05-17 12:51:37	2013-05-17 11:15:04	Commercial - (Retail, and office)		Food City	Bob Jones
Loudon APR	55465	2013-05-17 12:51:37	2013-05-17 11:22:08	Commercial - (Retail, and office)		Food City	Bill Smith
Loudon APR	55466	2013-05-17 12:51:37	2013-05-17 11:24:00	Commercial - (Retail, and office)		Dollar General	Lauren Johnson
Loudon APR	55467	2013-05-17 12:51:37	2013-05-17 11:26:06	Industrial - (Manufacturing sectors)		Malibu Boats	Donna Tallent
Loudon APR	55470	2013-05-17 12:51:37	2013-05-17 11:32:28	Industrial - (Manufacturing sectors)		Transport Service Center	Barbara
Loudon APR	50763	2013-03-19 09:01:49	2013-03-19 08:44:23	Residential - (Public government collected)		Loudon County Convenience Centers	Gordon Harless

							Metal				
							Steel	Tin	Iron		
State	City:	Address:	Zip:	Phone:	Fax:	Email:	Metal Tons:	Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:
Tennessee	Lenoir City			(479) 204-0335		donna.dhooghe@wal-mart.com					
Tennessee	Loudon	112 Chota Center	37774	865-458-4552							
	Loudon	198 Blair Bend Road	37774	865-458-5681							
Tennessee	Lenoir City	P.O. Box 449	37771	865-988-0764							
Tennessee	Loudon	5600 Kimberly Clark	37774	865-988-7138							
Tennessee	Lenoir City	1100 Gladiator Road	37772	865-986-0217							
Tennessee	Lenoir City	100 Yale Avenue	37771	895-988-2937							
Tennessee	Lenoir City	111 N. Walnut Street	37701	865-983-4102							
Tennessee	Lenoir City	4700 Industrial Park Drive	37772	865-986-6513							
Tennessee	Loudon	106 Blair Bend	37774	865-458-2071 ext 252							
Tennessee	Lenoir City	425 Hwy 321 North	37771	540-561-6486							
Tennessee	Knoxville	2824 Hoitt Ave	37917	865-523-6397							
Tennessee	Loudon	P.O. Box 189	37774	865-755-2203	865-458-7590						
Tennessee	Loudon	1587 Hwy 72N	37774	540-561-6486							
Tennessee	Loudon	17200 Hwy 72 North	37774	865-458-7604							
Tennessee	Loudon	19748 Hwy 72, N.	37774	865-408-1854							
Tennessee	Maryville	225 Brookdale Road	37801	865-970-0005							
	Loudon	199 Commercial Park Drive	37774	865-408-9062							
	Lenoir City					donna.dhooghe@wal-mart.com					
Tennessee	Lenoir City	300 Market Drive	37771	865-986-8298							
Tennessee	Loudon	2799 Hwy 72 North	37774	865-458-3600							
						lajohnso@dollargeneral.com					
Tennessee	Loudon	5075 Kimberly Way	37774	865-458-5478							
Tennessee	Loudon	286 Blair Bend Drive	37774	865-458-5463							
Tennessee	Lenoir City	500 Halls Ferry Road	37771	865-988-7558	865-988-7558	Gordon.Harless@Loudoncounty					

Copper		Aluminum Beverage Containers		All other Aluminum		Bronze and Brass		Mixed Metals		Auto Body Scrap	
Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:	Price per Ton (Metal)	Metal Tons:

			44					115			
								304			
								354			
								26			
								59			
			164					545			
								238			
			1					35			
										1	
								12			3
								1			
								112			
								24			
		8									250

Fiber						
Oil Filters	Sorted Office Paper (SOP)	Mixed Office Paper (MOP)	Old Newsprint Paper (ONP)	Old Corrugated Cardboard (OCC)	All other grades	
Metal Tons: Price per Ton (Metal)	Total Metal	Paper Tons: Price per Ton (Paper)				
		1	1			649
	115			304		
	348		2			102
	354		3			200
	26			716		
	59	10	1			80
	709					
	238					3
	36		10			
	1					4
				109		7
1	16		1			6
	1					4
	112	1				298
1	25		2			233
			58	130		
		1	1			649
						209
						173
						157
						170
						94
1	259		168	297		390

Plastics						
PET	HDPE	PVC	LDPE	PP	PS	
Total Paper	Plastic Tons: Price per Ton (Plastic)	Plastic Tons:				

651
304
104

203
716
91

1

3
10
4
116
7
4
299
235
188

651
209
173
157
170
94
855

Other		(9) ABS		Mixed 1&2		Mixed 3-7		Mixed All Plastic	
Price per Ton (Plastic)	Plastic Tons:								
									12
									114

1

1

1

99

11

89

Glass									
Clear (Flint)		Green		Amber		Blue		Non-ABC	
Price per Ton (Plastic)	Total Plastic	Glass Tons:	Price per Ton (Glass)						

12
114

1

1

1

1

99

11

89

Mixed Glass		Other Recyclables			Textiles		
Price per Ton (Glass)	Glass Tons:	Price per Ton (Glass)	Total Glass	Other Recyclable Tons:	Price per Ton (Other Recyclables)	Other Recyclable Tons:	Price per Ton (Other Recyclables)

228

228

Pallets		Electronics		C & D Debris	
Other Recyclable Tons:		Other Recyclable Tons:		Recycled C & D (not III/IV landfilled)	
Price per Ton (Other Recyclables)		Price per Ton (Other Recyclables)		Total Other Recyclables	C & D Debris Tons:

171

2

173

350

2

0
2

3

1

4

2

2

1634

66

1700

11

137

161

Price per Ton (C & D Debris)	Total C & D Debris	Batteries		Automotive Fluid			
		Lead-Acid	Dry Cell	Used Oil			
		Battery Tons:	Price per Ton (Batteries)	Battery Tons:	Price per Ton (Batteries)	Total Batteries	Automotive Fluid Tons:
		44				44	23
		2				2	
	350						6
							2
							4
		18				18	
		25				25	39
		1				1	3
		18				18	17
		1				1	10
		44				44	24
							23
		5		1		6	15
							43

Antifreeze		Transmission Fluid		Other	
Price per Ton (Automotive Fluid)	Automotive Fluid Tons:	Price per Ton (Automotive Fluid)	Automotive Fluid Tons:	Price per Ton (Automotive Fluid)	Automotive Fluid Tons:

Price per Ton (Automotive Fluid)	Total Automotive Fluid	Scrap Tires		Miscellaneous			
		Grant Eligible	Non-Grant Eligible	Other (1)			
		Tire Tons	Price per Tons (Tires)	Tire Tons	Price per Tons (Tires)	Total Scrap Tires	Miscellaneous Tons:
		23					
		15					
		6					166
		2					1371
		4					
		0					6
		39					1
		3	1			1	902
		17					
		10					
		24					
		23			61	61	96
		15					
		44					

	Other (2)	Other (3)		
Miscellaneous materials:	Miscellaneous Tons:	Miscellaneous materials:	Miscellaneous Tons:	Miscellaneous materials: Total Miscellaneous Total Tons Recycled
				730
				761
				642
Sewage Sludge Bio-solids			166	166
Industrial By-products			1371	1934
				1094
				155
				727
Hydraulic Fluid			6	248
combination of electronics, lead acid batteries and light bulbs			1	47
				71
				116
Organic mulch, compost, food, landscape and agricultural	628 Sewer Sludge - Bio Solids		1530	1563
				42
				2112
				271
				287
				24
Organic	11 Cooking Oil	216 Food Donation	323	1113
				209
				173
				157
				170
				109
				1414



Landfill Disposal Summary for All Members

										Solid Waste
										All Solid Waste
Member:	ID	Last Updated Date	Date Created	Disposed	Landfill Clas	Landfill Name	Class III/IV Landfill Name	Exported Landfill Class	Landfill Exported State	Solid Waste Tons
<i>Responses by Member - Annual, 2012</i>										
Loudon APR	56513	2013-06-10 10:13:09	2013-06-10 10:13:09	Inside Tennessee	Class I	Loudon County Landfill - SNL530000203				196024



Hazardous Waste Summary for All Members

				HHW
				Household Hazardous Waste
Member:	ID	Last Updated Date	Date Created	HHW Tons:
<i>Responses by Member - Annual, 2012</i>				
Loudon APR	49134	2013-05-17 12:52:07	2013-03-07 09:46:26	10.09

Phone:	Fax:	Email:	Compost				Mulch		Sewage	
			Food waste	Bio-solids	Green wastes		Landscape, yard trimmings, and agriculture		Sewage sludge (land applied)	
			Compost Tons:	Compost Tons:	Compost Tons:	Total Tons Compost:	Mulch Tons:	Total Tons Mulch:	Sewage Tons:	Total Tons Sewage:
(479) 204-0335		donna.dhooghe@wal-mai		96			96	2800	2800	
865-458-8887										
865-458-3744										

Permanent HHW Facilities		Industrial Byproducts		Alternate Daily Cover		C & D Debris	
Total Tonnage Diverted		Industrial Byproducts		Alternate Daily Cover		Construction and demolition (not landfilled, not recycled)	
HHW Tons:	Total Tons HHW:	Byproduct Tons:	Total Tons Industrial Byproducts:	Alternate Daily Cover Tons:	Total Tons Alternate Daily Cover:	C & D Debris Tons:	Total Tons C & D:

150

150

96
2800
150