

**AGENDA**

**LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION**

**March 12, 2013**

**6:30 p.m.**

**LOUDON COUNTY COURTHOUSE ANNEX**

**Loudon, Tennessee**

1. Call to Order
2. Approval of Minutes – February 12, 2013
3. Items of Public Concern
4. Cash Activity Report
5. Operations Report
6. Audit Discussion
7. Attorney's Report
8. Chairman's Report
  - a. Fencing Proposal for the Atchley Property
  - b. Land Use Master Plan Advisory Committee
  - c. Geosyntec – Santek Meeting
  - d. TDEC Qualitative Evaluation
  - e. Part-time Administrative Help
9. Other Items of Commission's Consideration
10. Adjourn

**MONTHLY CASH REPORT**

February

OF

2013

**CASH RECEIPTS:**

Landfill Host Fees	<u># 10,652.00</u>
Closure/Post Clo. Security Fees	<u>18,784.45</u>
Interest Received	<u>263.75</u>
Tire Grants	<u>5,967.00</u>
Other: _____	_____

**Total Monthly Revenue:** 6,230.75

**CASH DISBURSEMENTS:**

Commissioner Meeting Pymts.	<u>250.00</u>
Commissioner Travel/Seminar	<u>707.00</u>
Meeting Expense	_____
Legal Services	<u>12,157.68</u>
Audit/Accounting Services	<u>5,000.00</u>
Consultants	_____
Trustee's Commission	_____
Debt Service/Loudon - Water Lines	_____
Santek-Tire Grant	_____
Engineering Services	_____
Office Supplies	_____
Building and Contents Insurance	_____
Other: Land	<u>6,473.43</u>

**Total Monthly Expense:** 24,588.11

Change in Net Assets: (18,357.36)

BEGINNING CASH BALANCE: \$ 2,524,775.92

CLOSURE RESERVES:	\$ <u>978,494.95</u>
<b>Total Closure Reserves and General Account</b>	<b>\$ <u>2,506,418.56</u></b>
GENERAL ACCOUNT:	\$ <u>1,527,923.61</u>

ENDING CASH BALANCE: \$ 2,506,418.56

CHANGE IN CASH POSITION \$ (18,357.36)

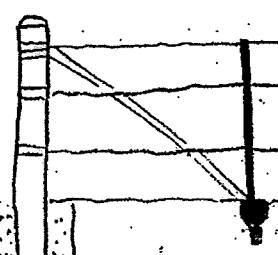
# PROPOSAL



**LOUDON  
COUNTY  
FENCE, L.L.C.**

5482 Highway 321 N.  
Lenoir City, TN 37771  
865-988-9935 or 865-988-9141  
865-988-9961 fax

Mr./Mrs. Loudon County Purchasing  
Address Loudon TN  
Home \_\_\_\_\_ Leo Work 458-4663 x 101  
Date 3-1-13 Fax \_\_\_\_\_

CHAIN LINK HEIGHT	<p>To provide &amp; install approx:</p> <p>3,205' of 3 strand barb wire + post for line post @ 15' on center</p> <p>2<sup>3/8</sup> ss40 brace posts 2" ss40 braces</p> <p>Barbwire 14.5g 4point 5" spacing + post 5' long - 1' in ground</p> 	TYPE
TOTAL FT.		HEIGHT
GATES		TOTAL FT. 3,205
WIRE GAUGE		STYLE 3 strand barbwire
TOP RAIL		GATES N/A
TERMINAL POSTS		POST TYPE + post
LINE POSTS		BOARD SIZE & SPACING
TENSION WIRE		DECORATIVE TOPS

All materials are guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. **CUSTOMER IS SOLELY RESPONSIBLE FOR PROPERTY LINES, EASEMENTS AND ALL UNDERGROUND OBSTRUCTION.** Should it be necessary to drill for rock, for the setting of posts there will be an extra expense. Our workers are fully covered by Worker's Compensation Insurance.

Payment Policy: Payment in full on day of completion

Cash: \_\_\_\_\_ Credit Card: \_\_\_\_\_  
1 1/2% on unpaid balance applied after 30 days

Total Amount \$8,044<sup>55</sup>

Down Amount \_\_\_\_\_

Buyer's Acceptance \_\_\_\_\_

Date \_\_\_\_\_

  
Seller



TUBE & CONDUIT

SS 40®



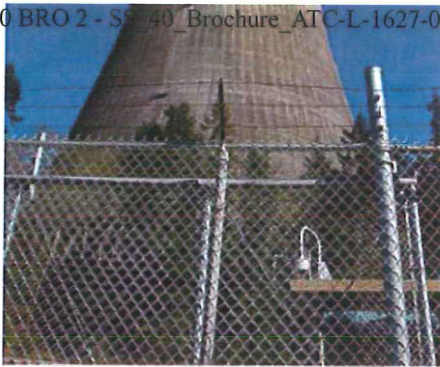
D O M E S T I C A L L Y M A N U F A C T U R E D

**SS 40®**

High Strength Fence Framework

FOR SECURITY AND HIGH SECURITY APPLICATIONS

SS 40®



### Flo-Coat® Process



**Allied Tube & Conduit, with an engineering breakthrough** in pipe manufacturing and corrosion resistant coating, has developed the most specified and the most requested framework in the fencing industry.

**SS 40® is manufactured with cold-formed steel** which provides a high yield strength, followed by a uniform triple layer of corrosion protection. Using Allied's patented Flo-Coat® process consisting of zinc, conversion coatings, and a clear organic top coat applied in-line. SS 40 is 37% stronger and 21% lighter than Schedule 40 pipe.

**The high yield strength steel** and the triple coat of locked-in protection, results in pipe that not only out-performs Schedule 40 pipe in strength and corrosion resistance, but maintains its lustrous appearance in the most severe atmospheric conditions. SS 40® is clearly the industry leader.

### Specifying Agencies

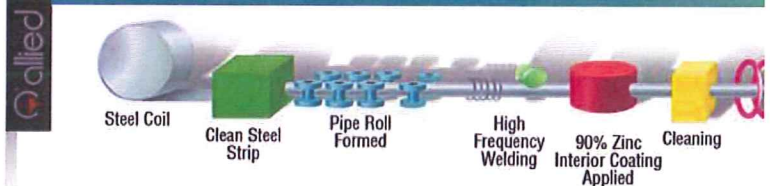
Partial list of agencies which have approved **SS 40®**.

- (AASHTO) American Associations of State Highway and Transportation Officials M181-93
- Federal Specifications RR-F-191/2E (Chain Link Fence Gates)
- Federal Specifications RR-F-191/3E (Chain Link Fence Posts, Top Rails and Braces)
- Unified Facilities Guide Specification (Department of Defense)
- Department of Transportation Federal Aviation Administration AC 150/5370-10A Item F-162
- U.S. Department of Justice - Federal Bureau of Prisons
- ASTM Specification F1043-06 Standard Specification for Strength and Protective Coatings

### Certification

"Made in U.S.A." is proudly displayed on every length of **SS 40®** pipe. Allied will certify that all **SS 40** fence pipe is manufactured in the USA and is in compliance with applicable Federal, State and local specifications.

### FLO-COAT® Process



Allied Tube & Conduit 1.800.643.1523

Allied  
TUBE & CONDUIT

**SECTION 32 31 13 (Formerly CSI SECTION 02821)**

**Security and High Security Applications for CHAIN-LINK FENCES AND GATES**

**PART 1 - GENERAL**

**1.1 WORK INCLUDED**

- A. Fence framework, fabric and accessories.
- B. Gates and related hardware.
- C. Installation

**1.02 SCOPE OF WORK**

- A. Summary: This section covers the work necessary to complete the chain link fence and gate installation.
- B. General: Like items of materials provided hereafter shall be the end-products of one manufacturer in order to achieve standardization for appearance, maintenance, and replacement.
- C. Delivery, Storage, and Handling: Deliver material to the site in an undamaged condition. Carefully store material off the ground to provide proper protection against oxidation caused by ground moisture.

**1.03 SUBMITTALS AND CERTIFICATION**

- A. Shop Drawings: Include complete details of fence and gate construction, fence height, post spacing, dimensions, and unit weights of framework and concrete footing details.
- B. Product Data: Provide manufacturer's catalog cuts with printed specifications. Manufacturer shall provide certification of compliance with material specifications. Actual samples of the material may be requested.

**PART 2 - PRODUCTS**

**2.01 MATERIAL**

- A. Framework: SS 40® Fence Framework manufactured by Allied Tube & Conduit conforming to Standard Specification ASTM F 1043, Group IC. High-strength steel pipe triple coated per ASTM F 1043: external coating, Type B; internal coating, Type D.
- B. Fabric Options: Fabric to be 9-gauge wire, woven in a 2" diamond mesh. Top selvage to be twisted and barbed, bottom selvage to be knuckled unless otherwise specified.
  - 1. Aluminized fabric shall be manufactured in accordance with ASTM A 491 and coated before weaving with a minimum .40 ounces of aluminum per square foot of surface area. The steel wire and coating shall conform to ASTM A 817.
  - 2. Zinc-coated fabric shall be galvanized before or after weaving in accordance with ASTM A 392, Class 1 or Class 2.

**2.02 CONCRETE MIX**

- A. Concrete: Conforming to ASTM C 94, having a minimum compressive strength of 3,000 PSI at 28 days.

**2.03 COMPONENTS**

- A. Rails and Braces: 1-5/8" O.D.
- B. Gates: Per ASTM F 900
- C. Fittings, Tie Wires, and Hog Rings: Per ASTM F 626
- D. Tension Wire: Per ASTM A 824. (If required)

- E. Barbed Wire: If required, commercial quality steel, 12-1/2 gauge, two strand twisted line wire with 4 point barbs at 5" spacing. Coating shall consist of a minimum of 0.80 ounces of zinc per square foot of wire surface conforming to ASTM A 121 or a minimum of 0.30 ounces of aluminum per square foot of wire surface conforming to ASTM A 585.
- F. Barbed Tape: If required, options are available in ASTM F 1910 Table 1 and 2.

**PART 3 - EXECUTION**

**3.01 INSTALLATION**

- A. General: Installation to conform to ASTM F 567.
- B. Height: Provide height as indicated on contract drawings.
- C. Post Spacing: Space line posts at intervals not exceeding ten feet.
- D. Post Setting: Set terminal, gate and line posts plumb in concrete footings. Top of footing to be 2" above grade and sloped to direct water away from posts.
- E. Bracing: Brace Gate and terminal posts back to adjacent line posts with horizontal brace rails and diagonal truss rods.
- F. Top Rail: Install through line loop caps connecting sections with sleeves to form a continuous rail between terminal posts.
- G. Bottom / Middle Rail: Install between posts with line rail clamps or rail ends and bands.
- H. Fabric: Pull fabric taut with bottom selvage 2" above grade. Fasten to terminal posts with tension bars threaded through mesh and secured with tension bands at maximum 15" intervals. Tie to line posts and top rails with tie wires spaced at maximum 12" on posts and 24" on rails. Attach to bottom/top tension wire with hog rings at maximum 24" intervals.
- I. Barbed Wire: Anchor to terminal extension arms, pull taut, and firmly install in slots of line post extension arms.
- J. Gates: Install gates plumb, level and secure for full opening without interference. Anchor center stops and keepers in concrete.
- K. Fasteners: Install nuts for fittings, bands, and hardware bolts on inside of fence.
- L. Barbed Tape: Install in accordance with ASTM F 1911. Consult with manufacturer for unique applications.

**3.02 COMPLETION**

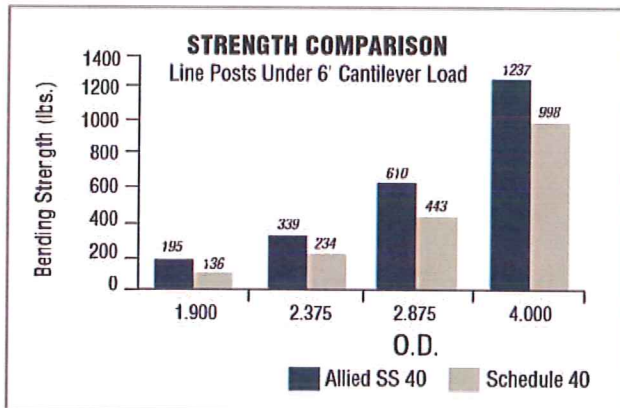
- A. The area of installation shall be left free of debris caused by the installation of the fence End of Section.

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## Allied SS 40® vs. Schedule 40

Posts		Outside Dimensions (in.)	Pipe Wall Thickness (in.)	Weight (lbs./ft)	Section Modulus (inches <sup>3</sup> )	Yield Strength (psi)	Bending Moment (lbs. in.)	Bending Strength (lbs.) 6' Cantilever Load
1-7/8" O.D.	SS 40	1.900	.120	2.28	0.2810	50,000	14,050	195
1-7/8" O.D.	Sch 40	1.900	.145	2.72	0.3262	30,000	9,786	136
2-3/8" O.D.	SS 40	2.375	.130	3.12	0.4881	50,000	24,405	339
2-3/8" O.D.	Sch 40	2.375	.154	3.65	0.5606	30,000	16,818	234
2-7/8" O.D.	SS 40	2.875	.160	4.64	0.8778	50,000	43,890	610
2-7/8" O.D.	Sch 40	2.875	.203	5.79	1.0640	30,000	31,920	443
3-1/2" O.D.	SS 40	3.500	.160	5.71	1.3408	50,000	67,040	931
3-1/2" O.D.	Sch 40	3.500	.216	7.58	1.7241	30,000	51,723	718
4" O.D.	SS 40	4.000	.160	6.56	1.7819	50,000	89,095	1237
4" O.D.	Sch 40	4.000	.226	9.11	2.3940	30,000	71,820	998
<b>Top Rail</b>								<b>10' Supported</b>
1-5/8" O.D.	SS 40	1.660	.111	1.84	0.1961	50,000	9,805	327
1-5/8" O.D.	Sch 40	1.660	.140	2.27	0.2350	30,000	7,050	235



### Bundle Counts for SS 40

Shape	O.D.	Bundle Qty.
Round	1.315	91
Round	1.660	61
Round	1.900	61
Round	2.375	37
Round	2.875	30
Round	3.500	19
Round	4.000	19

SS 40® is available with POLYKOTE color finish: Allied Tube's patented Flo-Coat® process with polyester coating conforms to ASTM F 1043 the recommended standards of Section 8, Additional Coatings Requirements. Contact your distributor for details.

SS 40® is available in long and extra long lengths and in cut posts.

#### Manufacturing Locations:

Harvey, IL / Pine Bluff, AR / Philadelphia, PA / Phoenix, AZ

For information on Razor Ribbon® brand barbed tape products, please visit [www.razorribbon.com](http://www.razorribbon.com)

**Fence Division**  
16100 S. Lathrop Avenue, Harvey, IL 60426  
Phone: 800.643.1523 Fax: 870.535.4006  
[www.atcfence.com](http://www.atcfence.com) [fence@alliedtube.com](mailto:fence@alliedtube.com)



**tyco**  
Electrical &  
Metal Products



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Knoxville, TN 37919  
PH 865.330.0037  
FAX 865.330.9949  
[www.geosyntec.com](http://www.geosyntec.com)

12 March 2013

Loudon County Solid Waste Disposal Commission  
Attn: Mr. Steve Field  
100 River Road #106  
Loudon, TN 37774

Dear Mr. Field

Per your request, Geosyntec is providing this letter to summarize our current progress with the Matlock Bend Landfill Review. The following items reflect our current status with the project:

1. A critical review of the LCSWDC contract with Santek, the intended responsibilities in the 2007 request for proposals (RFP), and Santek's 2007 proposal was completed and evaluated against the current landfill operations and fee structure.
2. Met with Santek representatives at Santek's offices in Cleveland, TN on 9 March 2013 to discuss closure/post closure care responsibilities. Attendees included Mr. Steve Field (LCSWDC), Mr. Kevin Stevens (LCSWDC Attorney), Mr. Robert Bachus (Geosyntec), Mr. Robby White (Geosyntec), Mr. Leroy Leonard (Geosyntec), Ms. Cheryl Dunson (Santek), Mr. Robert Burnette, PE (Santek), Edward Caylor (Santek), Mr. Ron Vail (Santek), and Mr. Scott Thomas (Santek Attorney – present on speakerphone),
3. Up-to-date closure/post closure care estimates have been requested from Santek with the assumption that the major permit modification will be approved by TDEC. The proposed expansion (major permit modification) is expected to have a significant impact on closure/post closure care cost projections. We anticipate receiving the estimates this week from Santek.
4. Mr. Leonard performed a compliance inspection of the outfall drainage channel during wetter weather to assess potential release of sediments. The inspection was conducted on 1 March 2013. Mr. Leonard was accompanied by Mr. Ted Sitzlar (LCSWDC).



Mr. Steve Field  
12 March 2012  
Page 2

After we evaluate the forthcoming closure/post closure care estimates from Santek, we can finalize our conclusions and recommendations. Please let us know if you have any questions.

Regards,



L. Leroy Leonard  
Project Scientist



Duane Graves, Ph.D.  
Principal

**Monthly Operations Report**  
**Matlock Bend Landfill**  
**March 12, 2013**  
**Presented by:**  
**Santek Environmental, Inc.**



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

Email: [mail@santekenviro.com](mailto:mail@santekenviro.com)  
Internet: [www.santekenviro.com](http://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 -  
FEBRUARY 2013**

MATLOCK BEND LANDFILL

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	21228.22	21183.26	21183.26	21183.26	-44.96
FEBRUARY	19725.24	18784.45	18784.45	18784.45	-940.79
MARCH					0.00
APRIL					0.00
MAY					0.00
JUNE					0.00
JULY					0.00
AUGUST					0.00
SEPTEMBER					0.00
OCTOBER					0.00
NOVEMBER					0.00
DECEMBER					0.00
TOTAL	40953.46	39967.71	39967.71	39967.71	(985.75)

DAILY AVG FOR ANY  
RUNNING 30 DAY  
PERIOD **670.87**

LOUDON COUNTY

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	455.80	453.60	453.60	453.60	-2.20
FEBRUARY	434.11	384.82	384.82	384.82	-49.29
MARCH					0.00
APRIL					0.00
MAY					0.00
JUNE					0.00
JULY					0.00
AUGUST					0.00
SEPTEMBER					0.00
OCTOBER					0.00
NOVEMBER					0.00
DECEMBER					0.00
TOTAL	889.91	838.42	838.42	838.42	-51.49

LENOIR CITY

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	284.88	297.14	297.14	297.14	12.26
FEBRUARY	283.75	261.57	261.57	261.57	-22.18
MARCH					0.00
APRIL					0.00
MAY					0.00
JUNE					0.00
JULY					0.00
AUGUST					0.00
SEPTEMBER					0.00
OCTOBER					0.00
NOVEMBER					0.00
DECEMBER					0.00
TOTAL	568.63	558.71	558.71	558.71	(9.92)

CITY OF LOUDON

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	360.21	361.29	361.29	361.29	1.08
FEBRUARY	332.91	303.30	303.30	303.30	-29.61
MARCH					0.00
APRIL					0.00
MAY					0.00
JUNE					0.00
JULY					0.00
AUGUST					0.00
SEPTEMBER					0.00
OCTOBER					0.00
NOVEMBER					0.00
DECEMBER					0.00
TOTAL	693.12	664.59	664.59	664.59	(28.53)

WASTE SERVICES OF TN

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	3697.81	4596.48	4596.48	4596.48	898.67
FEBRUARY	4637.87	5069.18	5069.18	5069.18	431.31
MARCH					0.00
APRIL					0.00
MAY					0.00
JUNE					0.00
JULY					0.00
AUGUST					0.00
SEPTEMBER					0.00
OCTOBER					0.00
NOVEMBER					0.00
DECEMBER					0.00
TOTAL	8335.68	9665.66	9665.66	9665.66	1,329.98

WASTE CONNECTIONS

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

**LANDFILL TONNAGE VOLUME  
MONTH ENDING -  
FEBRUARY 2013**

**KIMBERLY CLARK - PAPER WASTE**

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	7975.38	6856.77	6856.77	-1118.61	
FEBRUARY	7790.53	5851.74	5851.74	-1938.79	
MARCH				0.00	
APRIL				0.00	
MAY				0.00	
JUNE				0.00	
JULY				0.00	
AUGUST				0.00	
SEPTEMBER				0.00	
OCTOBER				0.00	
NOVEMBER				0.00	
DECEMBER				0.00	
TOTAL	15765.91	12708.51	12708.51	(3,057.40)	

**TATE & LYLE - SLUDGE**

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	1264.44	2186.05	2186.05	921.61	
FEBRUARY	1593.58	2377.30	2377.30	783.72	
MARCH				0.00	
APRIL				0.00	
MAY				0.00	
JUNE				0.00	
JULY				0.00	
AUGUST				0.00	
SEPTEMBER				0.00	
OCTOBER				0.00	
NOVEMBER				0.00	
DECEMBER				0.00	
TOTAL	2858.02	4563.35	4563.35	1,705.33	

**PSC METALS INC**

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	5439.68	5100.02	5100.02	-339.66	
FEBRUARY	3937.54	3992.14	3992.14	54.60	
MARCH				0.00	
APRIL				0.00	
MAY				0.00	
JUNE				0.00	
JULY				0.00	
AUGUST				0.00	
SEPTEMBER				0.00	
OCTOBER				0.00	
NOVEMBER				0.00	
DECEMBER				0.00	
TOTAL	9377.22	9092.16	9092.16	(285.06)	

**TATE & LYLE - ASH**

MONTH	2012		2013		2012 TO 2013
	2012	2013	2012	2013	
JANUARY	958.79	771.87	771.87	-186.92	
FEBRUARY	470.78	884.91	884.91	414.13	
MARCH				0.00	
APRIL				0.00	
MAY				0.00	
JUNE				0.00	
JULY				0.00	
AUGUST				0.00	
SEPTEMBER				0.00	
OCTOBER				0.00	
NOVEMBER				0.00	
DECEMBER				0.00	
TOTAL	1429.57	1656.78	1656.78	227.21	



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

NAME OF SITE <i>London County Matlock Bond</i>		REGISTRATION NUMBER <i>JNL 53-0203</i>		DATE <i>2/20/13</i>		
LOCATION (physical) <i> Hwy 72N 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 / State</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	___
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:						
- 8350 (U) address leachate pipe; some were noted running.						
- Look at hot spot, address, inform the Division of results, cover as needed.						
- add litter people people, one is not enough must be picked up every day.						
PERSON INTERVIEWED (Signature) <i>[Signature]</i>			INSPECTED BY (Signature) <i>[Signature]</i>			
TITLE			TITLE <i>Geologist</i>			
TIME OF DAY <i>11:30 A</i>	WEATHER CONDITIONS <i>Sunny/cold</i>		COMPLIANCE DATE <i>2/28/13</i>			

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



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

NAME OF SITE <i>Loudon County Matlock Bend</i>		REGISTRATION NUMBER <i>SNL 13-0203</i>		DATE <i>5/1/13</i>		
LOCATION (physical) <i> Hwy 72N off I-75 Loudon</i>			PURPOSE <input checked="" type="checkbox"/> Complete <input checked="" type="checkbox"/> Follow-up <input checked="" type="checkbox"/> Complaint <input checked="" type="checkbox"/> Other			
OWNER/OPERATOR <i>Loudon County InterK</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	___
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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>Monitor slide area where any surface cracks may be, move monitors over if need be. when weather permits and slope are dryer, mow slide area so it can be seen better. Address pop areas. pop areas spotted were addressed. Hot spot was addressed also. Keep monitoring and cover area with dirt.</i>						
PERSON INTERVIEWED (Signature) <i>[Signature]</i>			INSPECTED BY (Signature) <i>[Signature]</i>			
TITLE <i>Site Manager</i>			TITLE <i>Geologist</i>			
TIME OF DAY <i>10:45A</i>	WEATHER CONDITIONS <i>Cloudy/Snow</i>		COMPLIANCE DATE			

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

**Materials Classification Report**  
**Matlock Bend Landfill**  
**Monthly Tonnage Summary February 2013**

Material	Tonnage	2011 Sludge %		2012 Sludge %	
<b>MSW</b>					
MSW	<u>5,346</u>	January	xx	January	6%
		February	xx	February	8%
		March	16%	March	8%
		April	12%	April	9%
		May	13%	May	8%
		June	12%	June	8%
		July	11%	July	11%
		August	8%	August	10%
		September	6%	September	10%
		October	6%	October	12%
		November	6%	November	10%
		December	7%	December	10%
<b>Total Special Waste</b>	<b><u>13,439</u></b>				

Tires	27
<b>Total Material</b>	<b><u>18,812</u></b>
<b>% MSW</b>	<b><u>28%</u></b>
<b>% Special Waste</b>	<b><u>72%</u></b>
<b>% Sludge</b>	<b><u>13%</u></b>

2013 Sludge %		2014 Sludge %	
January	11%	January	xx
February	13%	February	xx
March	xx	March	xx
April	xx	April	xx
May	xx	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

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

<b>Month</b>	<b>Tonnage</b>
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	
Apr-13	
May-13	
Jun-13	
<b>Total (tons)</b>	<b>210.12</b>



## Matlock Bend Landfill 2013 Airspace Projection / Construction Schedule

DATE	REMAINING AIRSPACE <sup>1</sup> (CY)	MONTHLY TONNAGE	ACTUAL / PROJECTED <sup>2</sup>	UTILIZATION FACTOR	MONTHLY VOLUME CONSUMED (CY)	ENDING MONTHLY REMAINING AIRSPACE (CY)
		19,537		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	-	19,537	P	1.15	22,468	681,127
April	-	19,537	P	1.15	22,468	658,660
May	-	19,537	P	1.15	22,468	636,192
June	-	19,537	P	1.15	22,468	613,724
July	-	19,537	P	1.15	22,468	591,257
August	-	19,537	P	1.15	22,468	568,789
September	-	19,537	P	1.15	22,468	546,322
October	-	19,537	P	1.15	22,468	523,854
November	-	19,537	P	1.15	22,468	501,386
December	-	19,537	P	1.15	22,468	478,919

<sup>1</sup> = Remaining airspace based on Sept. 19, 2012 aerial survey.

Full Date - H

October-2015

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

<sup>3</sup> = 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

December	18,643
January	21,183
February	18,785
<b>Average</b>	<b>19,537</b>

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



650 25<sup>th</sup> Street NW, Ste 100  
Cleveland, TN 37311

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

March 12, 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 February 1, 2013 to February 28, 2013:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$323,969.27
Host Fee Percentage	<u>4.00%</u>
	<b>\$ 12,958.77</b>
Minimum Fee	<u>\$ 10,652.00</u>
Security Fees (Greater of below) –	
Total Tonnage Received	18,784.45
Rate per ton	<u>\$ 1.00</u>
Total	<b>\$ 18,784.45</b>
Total Tip Fees Billed	\$323,969.27
Security Fee Percentage	<u>5.00%</u>
	<u>\$ 16,198.46</u>

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