

AGENDA

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION

September 11, 2012

6:30 p.m.

LOUDON COUNTY COURTHOUSE ANNEX

Loudon, Tennessee

1. Call to Order
2. Approval of the Minutes – July 10, 2012 & August 14, 2012
3. Items of Public Concern
4. Cash Activity Reports
5. Operations Report
6. Attorney's Report including Update on Procurement Process
7. Evaluation Criteria for Procurement Process
8. Viewshed Analysis
9. Oct. 1st County Commission Workshop with Stakeholders
10. Sept. 17th Update to Loudon County Commission
11. Grant Opportunities & Municipal Recycling Initiatives
12. Other Items of Consideration
13. Adjourn

MONTHLY CASH REPORT

August OF 2012

CASH RECEIPTS:

Landfill Host Fees	<u>13,399.17</u>
Closure/Post Clo. Security Fees	<u>19,732.59</u>
Interest Received	<u>273.66</u>
Tire Grants	<u>1,388.00</u>
Other: _____	_____

Total Monthly Revenue: 34,793.42

CASH DISBURSEMENTS:

Commissioner Meeting Pymts.	<u>250.00</u>
Commissioner Travel/Seminar	_____
Meeting Expense	_____
Legal Services	_____
Audit/Accounting Services	_____
Consultants	_____
Trustee's Commission	<u>331.32</u>
Debt Service/Loudon - Water Lines	_____
Santek-Tire Grant	<u>3,216.00</u>
Engineering Services	_____
Office Supplies	_____
Building and Contents Insurance	_____
Other: <u>Contracted Services-Mowing</u>	<u>800.00</u>

Total Monthly Expense: 4,597.32

Change in Net Assets: 30,196.10

BEGINNING CASH BALANCE: \$ 2,361,298.94

CLOSURE RESERVES:	<u>\$ 881,468.97</u>
Total Closure Reserves and General Account	<u>\$ 2,391,495.04</u>
GENERAL ACCOUNT:	<u>\$ 1,510,026.07</u>

ENDING CASH BALANCE: \$ 2,391,495.04

CHANGE IN CASH POSITION \$ 30,196.10



650 25th Street, N.W., Suite 100
Cleveland, Tennessee 37311
(423) 303-7101
Toll Free: (800) 467-9160

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

**Monthly Operations Report
Matlock Bend Landfill
September 11, 2012
Presented by:
Santek Environmental, Inc.**

I. OPERATIONS

- A. Tonnage Report
- B. Customer Report
- C. Materials Classification Report
- D. Tire Report

II. ENGINEERING

- A. Remaining Airspace Utilization Schedule
- B. TDEC Acceptance of Cell Certification - Letter

III. HOST & SECURITY FEES

**LANDFILL TONNAGE VOLUME
MONTH ENDING -
AUGUST 2012**

MATLOCK BEND LANDFILL

MONTH	2011		TO 2012
	2011	2012	
JANUARY	12263.30	21228.22	8964.92
FEBRUARY	14311.55	19725.24	5413.69
MARCH	21861.87	21278.30	-583.57
APRIL	19200.92	18513.04	-687.88
MAY	19189.17	21187.33	1998.16
JUNE	18316.34	19009.85	693.51
JULY	17378.46	19732.59	2354.13
AUGUST	25383.15	21348.08	-4035.07
SEPTEMBER	22528.42		
OCTOBER	21370.05		
NOVEMBER	25184.76		
DECEMBER	19804.15		
TOTAL	236792.14	162022.65	14,117.89

LOUDON COUNTY

MONTH	2011		TO 2012
	2011	2012	
JANUARY	435.27	455.80	20.53
FEBRUARY	404.63	434.11	29.48
MARCH	474.86	500.25	25.39
APRIL	466.94	444.00	-22.94
MAY	488.57	476.95	8.38
JUNE	480.37	463.27	-17.10
JULY	470.47	496.37	25.90
AUGUST	459.32	481.72	22.40
SEPTEMBER	447.25		
OCTOBER	439.67		
NOVEMBER	470.12		
DECEMBER	502.73		
TOTAL	5520.20	3752.47	92.04

LENOIR CITY

MONTH	2011		TO 2012
	2011	2012	
JANUARY	266.42	284.88	18.46
FEBRUARY	271.36	283.75	12.39
MARCH	371.20	365.85	-5.35
APRIL	359.97	346.16	-13.81
MAY	360.17	340.93	-19.24
JUNE	365.29	320.28	-45.01
JULY	351.96	354.07	2.11
AUGUST	334.38	339.22	4.84
SEPTEMBER	450.84		
OCTOBER	325.24		
NOVEMBER	297.36		
DECEMBER	314.40		
TOTAL	4068.59	2635.14	(45.61)

DAILY AVG FOR ANY
RUNNING 30 DAY
PERIOD 680.68

CITY OF LOUDON

MONTH	2011		TO 2012
	2011	2012	
JANUARY	323.05	360.21	37.16
FEBRUARY	321.96	332.91	10.95
MARCH	402.55	415.05	12.50
APRIL	394.02	370.06	-23.96
MAY	402.53	385.40	-17.13
JUNE	405.65	364.68	-40.97
JULY	419.74	404.44	-15.30
AUGUST	424.56	425.57	1.01
SEPTEMBER	374.30		
OCTOBER	373.74		
NOVEMBER	357.31		
DECEMBER	375.50		
TOTAL	4574.91	3058.32	(35.74)

WASTE SERVICES OF TN

MONTH	2011		TO 2012
	2011	2012	
JANUARY	4347.31	3697.81	-649.50
FEBRUARY	4637.87	3731.86	-906.01
MARCH	6678.49	3915.26	-2763.23
APRIL	5450.54	4006.32	-1444.22
MAY	7030.55	4785.96	-2244.59
JUNE	6076.54	4263.01	-1813.53
JULY	6536.20	5067.34	-1468.86
AUGUST	7337.91	5069.62	-2268.29
SEPTEMBER	3318.35		
OCTOBER	3415.25		
NOVEMBER	4087.34		
DECEMBER	3386.00		
TOTAL	62302.35	34537.18	(13,558.23)

WASTE CONNECTIONS

MONTH	2011		TO 2012
	2011	2012	
JANUARY	49.15	0.00	-49.15
FEBRUARY	0.00	30.22	30.22
MARCH	31.91	0.00	-31.91
APRIL	11.40	0.00	-11.40
MAY	100.53	0.00	-100.53
JUNE	7.70	0.00	-7.70
JULY	0.00	0.00	0.00
AUGUST	13.09	5.40	-7.69
SEPTEMBER	0.00		
OCTOBER	17.41		
NOVEMBER	0.00		
DECEMBER	85.10		
TOTAL	316.29	35.62	(178.16)

LANDFILL TONNAGE VOLUME
MONTH ENDING -
AUGUST 2012

KIMBERLY CLARK - ASH

MONTH	2011		2012		2011	
	2011	2012	TO 2011	TO 2012	TO 2011	TO 2012
JANUARY	521.90	0.00	-521.90			
FEBRUARY	0.00	0.00	0.00			
MARCH	809.09	0.00	-809.09			
APRIL	755.23	0.00	-755.23			
MAY	640.15	0.00	-640.15			
JUNE	1124.46	0.00	-1124.46			
JULY	1176.65	0.00	-1176.65			
AUGUST	1053.96	0.00	-1053.96			
SEPTEMBER	57.68					
OCTOBER	723.97					
NOVEMBER	132.45					
DECEMBER	0.00					
TOTAL	6995.54	0.00	(6,081.44)			

TATE & LYLE - SLUDGE

MONTH	2011		2012		2011	
	2011	2012	TO 2011	TO 2012	TO 2011	TO 2012
JANUARY	1447.96	1264.44	-183.52			
FEBRUARY	2308.09	1593.58	-714.51			
MARCH	2691.51	1693.49	-998.02			
APRIL	1894.03	1629.64	-264.39			
MAY	2368.16	1527.87	-840.29			
JUNE	2083.81	1447.61	-636.20			
JULY	1775.29	2192.48	417.19			
AUGUST	1870.47	2142.03	271.56			
SEPTEMBER	1108.93					
OCTOBER	1080.24					
NOVEMBER	1389.93					
DECEMBER	1128.19					
TOTAL	21146.61	13491.14	(2,948.18)			

PSC METALS INC

MONTH	2011		2012		2011	
	2011	2012	TO 2011	TO 2012	TO 2011	TO 2012
JANUARY	944.37	5439.68	4495.31			
FEBRUARY	3499.07	3937.54	438.47			
MARCH	5743.05	4655.10	-1087.95			
APRIL	4352.13	3902.33	-449.80			
MAY	3551.34	4230.61	679.27			
JUNE	3637.91	2766.11	-871.80			
JULY	2305.75	2029.92	-275.83			
AUGUST	4901.35	2612.79	-2288.56			
SEPTEMBER	4784.14					
OCTOBER	4247.48					
NOVEMBER	4596.66					
DECEMBER	3740.92					
TOTAL	46304.17	29574.08	639.11			

TATE & LYLE - ASH

MONTH	2011		2012		2011	
	2011	2012	TO 2011	TO 2012	TO 2011	TO 2012
JANUARY	1447.96	958.79	-489.17			
FEBRUARY	756.49	470.78	-285.71			
MARCH	2140.97	633.01	-1507.96			
APRIL	1896.27	894.70	-1001.57			
MAY	3055.98	1183.70	-1872.28			
JUNE	2362.07	1219.60	-1142.47			
JULY	2699.09	1090.55	-1608.54			
AUGUST	3473.16	1217.54	-2255.62			
SEPTEMBER	622.29					
OCTOBER	963.44					
NOVEMBER	830.44					
DECEMBER	808.75					
TOTAL	21056.91	7668.67	(10,163.32)			

KIMBERLY CLARK - PAPER WASTE

MONTH	2011		2012		2011	
	2011	2012	TO 2011	TO 2012	TO 2011	TO 2012
JANUARY		7975.38	7975.38			
FEBRUARY		7790.53	7790.53			
MARCH		7790.86	7790.86			
APRIL		6201.17	6201.17			
MAY		7497.63	7497.63			
JUNE		7543.41	7543.41			
JULY		7927.52	5516.48			
AUGUST		8342.83	1853.35			
SEPTEMBER		9314.89				
OCTOBER		8032.99				
NOVEMBER		11561.17				
DECEMBER		8141.51				
TOTAL		61069.33	52,168.81			

Materials Classification Report

Matlock Bend Landfill Monthly Tonnage Summaries

Material	August - 12	Unit
<u>MSW</u>		
MSW	6,374	Tons
<u>Special Waste</u>		
Other	10,943	Tons
Ash	1,362	Tons
Sludge	2,236	Tons
Total Special Waste	14,541	
Total Material	20,915	
% MSW	32%	
% Special Waste	68%	
% Sludge	10%	

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

Month	Tonnage
Jul-12	29.45
Aug-12	34.25
Sep-12	
Oct-12	
Nov-12	
Dec-12	
Jan-13	
Feb-13	
Mar-13	
Apr-13	
May-13	
Jun-13	
Total (tons)	63.7

Matlock Bend Landfill 2012 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)
		20,023		1.35		
Oct. 2, 2011	562,069	-	-	-	-	-
Oct. 3-31, 2011	-	21,122	A	1.35	28,514	533,555
November	-	25,185	A	1.35	33,999	499,556
December	-	19,804	A	1.35	26,736	472,820
January ' 12	-	21,228	A	1.35	28,658	444,162
February	-	19,725	A	1.35	26,629	417,533
March	-	21,278	A	1.35	28,726	388,807
April	-	18,515	A	1.35	24,996	363,812
May	-	21,203	A	1.35	28,624	335,187
June	-	19,010	A	1.35	25,663	309,524
July	-	19,733	A	1.35	26,639	282,885
August	-	21,325	A	1.35	28,789	254,096
September	-	20,023	P	1.35	27,030	227,066
October	-	20,023	P	1.35	27,030	200,035
November	-	20,023	P	1.35	27,030	173,005
December	-	20,023	P	1.35	27,030	145,974

¹ = Remaining airspace based on Oct. 2, 2011 aerial survey.

Full Date - Module F & G

June-2013

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 = 1.46 cy/ton)

Tonnage for Past 3 Months

May	19,010
June	19,733
July	21,325
Average	20,023

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



STATE OF TENNESSEE
DEPARTMENT OF ENVIRONMENT AND CONSERVATION

3711 MIDDLEBROOK PIKE
KNOXVILLE, TN 37921-5602
PHONE (865) 594-6035 STATEWIDE 1-888-891-8332 FAX (865) 594-6105

August 21, 2012

Mr. Steve Field, Chairman
Loudon County Solid Waste Commission
21712 Hwy 72N
Loudon, TN 37774

RE: Liner/leachate collection system for "Module H" of the
Loudon County Landfill, SNL 53-0203

Dear Mr. Field:

We have reviewed the CQA documentation for the construction/installation of the liner and leachate collection system for "Module H" of the Loudon County Landfill, as submitted to our office by Santek Environmental, Inc., on August 20, 2012. This submittal includes construction documentation for the clay liner and the installation report for the synthetic liner and other geosynthetic materials, leachate piping, and gravel drainage layer by Atlantic Coast Consulting, Inc. The CQA documentation reports are in order and they support the certification that the liner and leachate collection system were installed in substantial conformance with the approved plans. In addition, Division personnel made several visits to the site during liner construction, and no apparent problems were observed during the inspections.

We are therefore accepting the certification for completion of the liner and leachate collection system for "Module H". Waste placement may proceed in the new lined area in accordance with the approved plans and subsequent minor modifications. As noted in our last inspection (August 13, 2012), electric power needs to be supplied to the sump pump for the cell before waste placement can begin. The first layer of waste over the liner should not include construction/demolition waste, yard waste, or other waste

Mr. Steve Field
August 21, 2012
Page 2

materials with heavy, bulky, and sharp objects. Coal ash should also not be disposed in the first lift as it can clog the geotextile over the drainage layer. Compactors and other heavy equipment, waste and cover soil hauling trucks, etc., must be kept off of the 1-foot thick gravel drainage layer unless an additional road bed of at least one foot thickness is established over the drainage layer for heavy truck and equipment traffic.

If you should have any questions concerning this matter, do not hesitate to contact me.

Yours truly,



Rick Brown
Environmental Engineer
Division of Solid Waste Management

cc: DSWM-Nashville Central Office
Santek Environmental, Inc.

RSB /ldnhcqa.doc



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

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

September 10, 2012

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 August 1, 2012 to August 31, 2012:

Host Fees (Greater of below) –	
Total Tip Fees Billed	\$363,247.28
Host Fee Percentage	<u>4.00%</u>
	\$ 14,529.89
Minimum Fee	<u>\$ 10,652.00</u>

Security Fees (Greater of below) –	
Total Tonnage Received	21,348.08
Rate per ton	<u>\$ 1.00</u>
Total	\$ 21,348.08

Total Tip Fees Billed	\$363,247.28
Security Fee Percentage	<u>5.00%</u>
	\$ 18,162.36

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

Loudon County Solid Waste Disposal Commission

Request for Proposals Matlock Bend Landfill Review

August 31, 2012

WHO: The Loudon County Solid Waste Disposal Commission (“LCSWDC”) seeks responsive proposals for services from independent, qualified and experienced engineering firms (the “Consultant”) to provide specified professional services in connection with LCSWDC’s Matlock Bend Landfill located in Loudon, Tennessee (the “Landfill”). The Landfill is operated by Santek Environmental, Inc. (“Operator”) under a 20-year turn-key operating contract that commenced for operational purposes on October 1, 2007 (the “Operating Contract”).

WHAT: The Consultant will be engaged to conduct an independent and limited review of the Landfill’s operations and the Operator’s performance under the Operating Contract with the primary focus on two principal areas:

- (i) Financial Sustainability of the Landfill – Is the Landfill producing sufficient revenues under the Operating Contract to operate and eventually close the facility in accordance with all closure/post closure requirements?
- (ii) Operator Compliance – Is the Operator complying with the terms of the Operating Contract and applicable TDEC rules and regulations to assure a well-run facility in keeping with the best interest of LCSWDC and its governmental stakeholders (Loudon County, Lenoir City and Loudon City)? The suggested period of review shall not be less than at least three (3) full calendar years and shall commence on or after October 1, 2007 (the date Operator commenced operations under the Operating Contract).

WHY: To properly exercise LCSWDC’s oversight responsibility for the Landfill’s operations and to assist LCSWDC in its assessment of and long-range planning for Landfill operations.

WHEN:

- (i) RFP to be released on or before August 31, 2012
- (ii) Proposals to be returned by September 21, 2012
- (iii) Selection of Consultant by LCSWDC on October 9, 2012
- (iv) Completion of Review targeted for January 8, 2013

DETAILS: LCSWDC has an ongoing turn-key contract with the Operator to operate the Landfill. Under the terms of the Operating Contract, the Operator pays LCSWDC fees that were designed to pay costs and accrue revenue to accomplish closure and post closure of the Landfill. In working with its auditor, LCSWDC has determined that the current rate of accumulation of funds for closure/post closure may be insufficient.

LCSWDC seeks to engage the services of the Consultant to provide an evaluation in the two primary focus areas described above – (i) the Landfill’s financial sustainability, and (ii) the Operator’s compliance under the Operating Contract.

While all proposers are encouraged to submit their qualifications and suggested approach for accomplishing the desired objectives of the review, the following items shall be included in the proposed scope of work as required elements:

Financials:

- (i) Interview principals on the LCSWDC’s Board of Commissioners, its auditor, its general counsel, the Loudon County Mayor and the Loudon County Finance Director as necessary to understand the financial aspects of the Landfill’s operations and its future needs for sustainability.
- (ii) Review, for at least a three (3) full calendar year period on or after October 1, 2007, the monthly tonnage reports provided to LCSWDC by the Operator, LCSWDC’s recent audits, its annual TDEC reports, and other available FY financial records and work with the Operator to verify that the tons reported were properly accounted for and that the appropriate amount of fees were paid to LCSWDC by Operator.
- (iii) Review and confirm that the original and current estimated costs to close the Landfill at the end of the Operating Contract’s term (as contemplated with the new “major permit modification” for the Landfill).
- (iv) Project revenue to LCSWDC based on the current provisions of the Operating Contract and available historical and current projections based on Consultant’s best estimated tonnages and provide shortfall/surplus projections for the estimated costs of closure/post closure at the termination of the Operating Contract.

Operations:

- (i) Put “boots on the ground” to walk the current footprint of the Landfill and verify the compliance of the Landfill’s operations with all applicable TDEC regulations. Inspect Storm water management features and provide an evaluation of their effectiveness and impacts downstream. Evaluate trucks leaving the Landfill site and measures implemented by Operator to assure that all trucks leave the Landfill with clean tires and cleanup of mud during wet weather events at the Landfill’s egress onto Highway 72.
- (ii) Pick a reasonable number of days (but not less than four (4)) and observe and count traffic coming into the Landfill and reconcile at the end of each of the observation days, the number of vehicles that are observed entering the Landfill and their types, and where possible origin and type of materials disposed at the Landfill, with the Operator’s corresponding reports submitted to LCSWDC. Consultant shall also estimate tonnages based on size/type of the trucks observed on such days and compare with the daily receipts supplied by the Operator.

LCSWDC invites proposers to provide a narrative on how they plan to accomplish the required tasks. LCSWDC encourages respondents to be creative in their approach and welcomes suggestions on how best to approach and achieve the stated objectives of the review.

Estimated Cost of Review: All proposers shall provide (i) an estimate of the work hours the Consultant expects to expend on both the “Financial” and “Operational” components of the review, (ii) the Consultant’s schedule of hourly fees and other costs to be charged for the review, and (iii) an estimated total cost for the review.

Personnel and Qualifications: LCSWDC recognizes the need for operational savvy personnel, as well as financial experts, to accomplish the review. Where necessary, proposals may consist of two or more proposers from unrelated firms or include a subcontract arrangement to accomplish the work required for the review. In such situations, however, the individuals or firms collaborating on the review or any subcontractor that is to be retained by the proposers, must be clearly and fully disclosed in the proposal and the portions of the review for which each individual, firm or other party is responsible. A list of the personnel the proposer expects to use to complete the review, together with each individual’s applicable qualifications, licenses and certifications, shall also be provided with the proposal, as well as the individual’s relevant experience in performing similar work. Any previous work performed by such personnel for LCSWDC or any other potential conflicts of interest that are presented by the proposer’s performance of the review shall be disclosed in the proposal.

Required Deliverables: The final “deliverable” required to be submitted to LCSWDC will be a report detailing the findings as described above in this Request for Proposals. A draft report must be submitted for review and comment to LCSWDC at least forty-five (45) days prior to the due date of the final report. LCSWDC shall return the draft report, marked with any of its comments and suggestions, to the Consultant within thirty (30) days of its receipt of the draft. The Consultant shall be required to submit its final report within fifteen (15) days of its receipt of the marked-up draft from LCSWDC.

Proposal Submittals: Proposals shall be enclosed in a sealed envelope and delivered to the Loudon County Purchasing Office, at the above address, on or before September 6, 2012, no later than 3:00 p.m. **The Proposer shall supply one (1) original and nine (9) copies of each Proposal submitted.**

LCSWDC reserves the right to reject any or all Proposals, to waive irregularities and/or nonconformities in any Proposal with this Request for Proposals, to evaluate Proposals, and to make and award a contract in any manner, consistent with law, for the Proposal it determines to be in the best interest of LCSWDC. LCSWDC shall in no way be liable for any costs incurred by any Proposer to prepare its Proposal in response to this Request for Proposals. All questions or comments regarding this request for proposals should be directed to the LCSWDC in care of the Loudon County Purchasing Office, 100 River Road, Box 110, Loudon, Tennessee 37774 (or faxed to such office at 865-458-4871).

LCSWDC

Potential Bidders List for RFP for Matlock Bend Landfill Review

August 31, 2012

1. Robert Bachus, Ph.D., P.E.
Geosyntec Consultants, Inc.
1255 Roberts Blvd. NW, Ste. 200
Kennesaw, Georgia 30144
Office: 678.202.9500
Fax: 678.202.9501
rbachus@geosntec.com
2. Kurt Sichelstiel
Brown and Caldwell
9724 Kingston Pike, Suite 305 F
Knoxville, Tennessee 37922
Office: 865.357.2780
Mobile: 865.250.1733
KSichelstiel@BrwnCald.com
3. Jason Broshear
GEI Consultants
1375 Peachtree Street NE, Suite A15
Atlanta, GA 30309
Office: 404.592.0094
Mobile: 404.695.8724
Jbroshear@geiconsultants.com
4. W. Ros Kingery III, P.E.
GEOServices, LLC
123 Perimeter Park Rd., Suite C
Knoxville, Tennessee 37922
Office: 865.539.8242 (Knoxville)
Fax: 865.539.8252 (Knoxville)
5. Bob Brickner
Executive Vice President
& Co-Founder
Gershman, Brickner & Bratton, Inc.
8550 Arlington Blvd., Suite 304
Fairfax, Virginia 22031
Office: 703.573.5800
Toll Free: 800.573.5801
Fax: 703.698.1306
bbrickner@gbbinc.com
6. Jo House P.E., P.G.
House Engineering LLC
7308 River Park Drive
Nashville, Tennessee 37221
Office: 615.646.3759
Mobile: 615.330.0771 &
615.891.2821
7. George J. Hyfantis, Jr., Ph.D., P.E.,
CHMM
Quantum Environmental &
Engineering Services, LLC
126 Dante Road
Knoxville, Tennessee 37918
Office: 865.689.1395
Fax: 865.689.6844

Question to the winning responder:

Is the rate of airspace consumption consistent with the tons of waste entering the landfill?

The following criteria, among others, shall be used as the basis for rating consultants:

- 1) Professional qualifications of the consultant/firm (20 points);
- 2) Description of the consultant/firm's approach on the project (25 points);
- 3) Experience on projects of similar size and scope (25 points);
- 4) Capability of the consultant/firm to timely deliver high quality services (20 points);
- 5) Other (10 points).

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION

MASTER PLAN ADVISORY COMMITTEE CHARTER

I. PURPOSE

The Master Plan Advisory Committee (the "Committee") is an ad hoc committee of the Loudon County Solid Waste Disposal Commission (the "LCSWDC") created and appointed by the LCSWDC in accordance with this committee charter for the purpose of developing and providing a master plan for the Matlock Bend Landfill located in Loudon, Tennessee (the "Landfill"), which is owned and operated by the LCSWDC and to perform the duties that are delegated to the Committee by this committee charter.

II. APPOINTMENT AND STRUCTURE

- A. All members of the Committee shall be appointed by the LCSWDC in accordance with this committee charter, except for the ex-officio members of the committee, who shall serve by virtue of their office.
- B. The Committee shall be comprised of at least three members of the LCSWDC, who each shall represent one of the three governmental stakeholders of the commission, but in no event shall the Committee consist of more than seven (7) voting members. The Committee's membership shall also include the Loudon County Director of Convenience Centers and the Loudon County Extension Agent, who shall both serve ~~as~~ voting *ex officio* members of the committee. Two additional members of the committee shall be appointed from the general public, one of whom if at all possible will have a connection to the industries in Loudon County that depend on the ~~Matlock Bend~~ Landfill and the other of whom shall reside near the Landfill.
- C. All Committee members shall serve at the pleasure of the LCSWDC and may be removed with or without cause at any time by vote of the LCSWDC and no Committee member's term shall extend beyond his or her term as a member of the LCSWDC.
- D. Vacancies on the Committee shall be filled by the LCSWDC.
- E. The LCSWDC shall appoint the chair of the Committee. The Committee shall by a majority vote elect a vice-chair and a secretary for its duration. A quorum, which shall be a majority of the voting Committee members, is required for an official meeting of the Committee. Actions of the Committee require a majority of the voting members present.

MASTER PLAN ADVISORY COMMITTEE CHARTER

III. DUTIES

- A. Operate under this committee charter, which it shall review at the Committee's first meeting and make any recommendations for revisions to the LCSWDC ~~for the commission's consideration.~~
- B. ~~{Here describe the specific duties of the committee relative to the Master Plan, the desired purpose and contents of the Master Plan to be produced, and the expected delivery date for the Master Plan, which shall be submitted to the LCSWDC as a "Final Report".}~~ Develop a master plan for the Landfill, including its available adjoining property, that incorporates best practices and good stewardship and that can serve as a future planning guide for the LCSWDC as it discharges its duties and responsibilities to its government stakeholders and the public. The Committee should allow for public review and input before finalizing its recommended master plan for the Landfill, which should be communicated as a recommendation to the LCSWDC in the Committee's Final Report.
- C. Unless otherwise dissolved by action of the LCSWDC, the Committee shall be automatically dissolved upon the LCSWDC acceptance of the Committee's Final Report.

IV. LIMITATIONS

The Committee shall not negotiate or contract with third parties, nor shall it incur unauthorized expenses on behalf of the LCSWDC or otherwise obligate or commit funds of the LCSWDC.

V. MEETINGS

Committee meetings will be held periodically on an announced basis or as needed and shall be open to the public and comply with all applicable state laws regarding open meetings of like governmental bodies. Regularly scheduled meetings, if any, will be scheduled by vote of the Committee and appropriate public notice of the same shall be given. Special meetings may be called at any time by the chair, the vice-chair or any two members of the Committee provided proper public notice of the meeting and its purpose is given under the circumstances.

VI. REPORTS

The Committee will be expected to furnish oral or written reports at LCSWDC meetings, when requested, which shall include any LCSWDC action requested or recommended by the Committee. Minutes of all Committee meetings shall be maintained and furnished to the LCSWDC on a timely basis.

Reviewed by LCSWDC: July 10, 2012; August 14, 2012; September 11, 2012

LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION

Term History

YEAR	SEAT 1	SEAT 2	SEAT 3	SEAT 4	SEAT 5	SEAT 6	SEAT 7
1993	Jerry Masingo *1	Wayne Tolbert	Aileen Longmire	Al Jordan	Frank Kamel	Babe Conner	Barry Baker
1994	Sarah Bivens				Sidney Mayes	Don Pace	Mel Hines
1995			Benny Surret		Sidney Mayes		Robert Harrison
1996							
1997	Ted Sitzlar	Wayne Tolbert		Al Jordan			
1998							
1999	Ted Sitzlar		Steve Field			Sally Proaps	Robert Harrison
2000					Larry Stafford		
2001			Steve Field	Leo Bradshaw	Larry Stafford		
2002							
2003		Bill Waldrop		Russell Alford		Robert Phillips	
2004			Steve Field	John Watkins	Apprell Patterson *2	Robert Phillips	
2005							Robert Harrison
2006							
2007							
2008							
2009							
2010							
2011	Ted Sitzlar	Bill Waldrop	Steve Field	John Watkins	Apprell Patterson	Jim Akins	Robert Harrison
2012							
2013							
2014							
2015							
2016							
2017							

Legend

*1 - Served for one month; succeeded by David Twiggs

*2 - Appointed twice in 2004; once to fulfill a term mistakenly thought to end in 2004

LOUDON COUNTY COMMISSION

**Loudon County Courthouse Annex
Loudon, Tennessee**

**PROGRAM PRESENTED BY THE
LOUDON COUNTY SOLID WASTE DISPOSAL COMMISSION**

October 1, 2012 5:00 – 6:00 p.m.

SUGGESTED PROGRAM AGENDA

1. Call to Order - Mayor Herron
2. Introduction of Program- Steve Field, Chairman
3. The LCSWDC - Background and Recent Developments Update
 - A. Background Information about the LCSWDC
 - B. Solid Waste Disposal Control Board- Solid Waste Rule Changes
 - C. Update on Property Acquisition Program
 - D. Financial Condition Report
 - E. Independent Landfill Review
 - F. Master Plan for Matlock Bend Landfill
4. Question and Answer Session for County Commissioners
5. County Commissioner Survey
6. Other Business
7. Adjourn

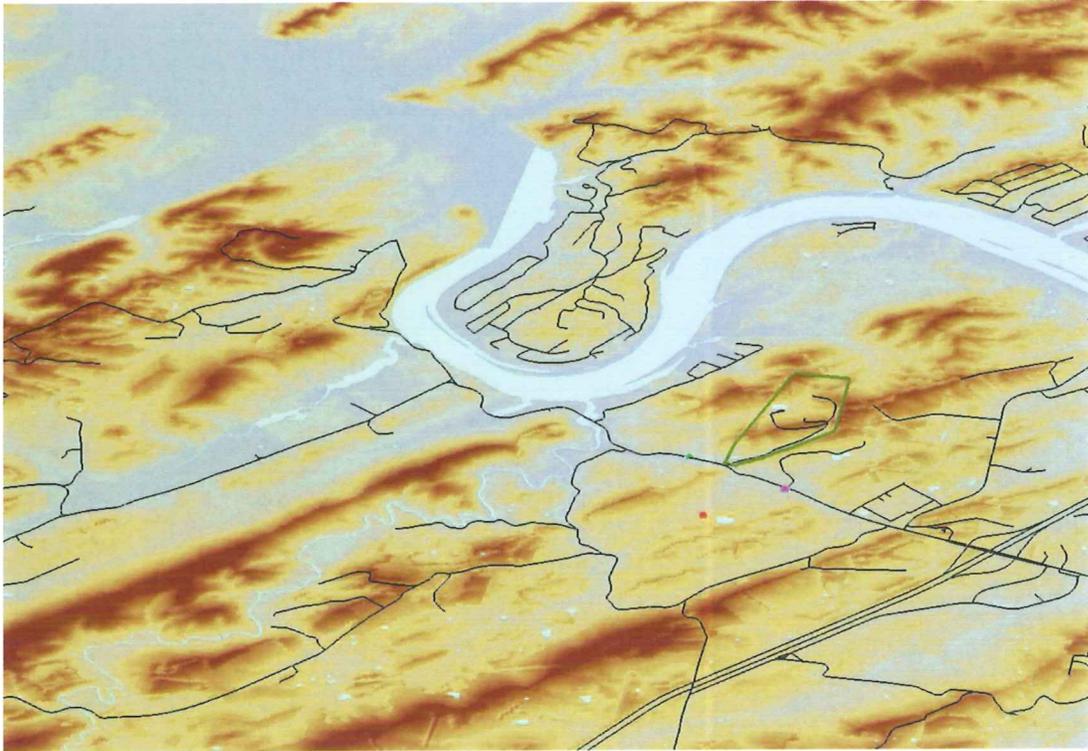
Provisional Data, Matlock Bend Landfill Loudon County, TN



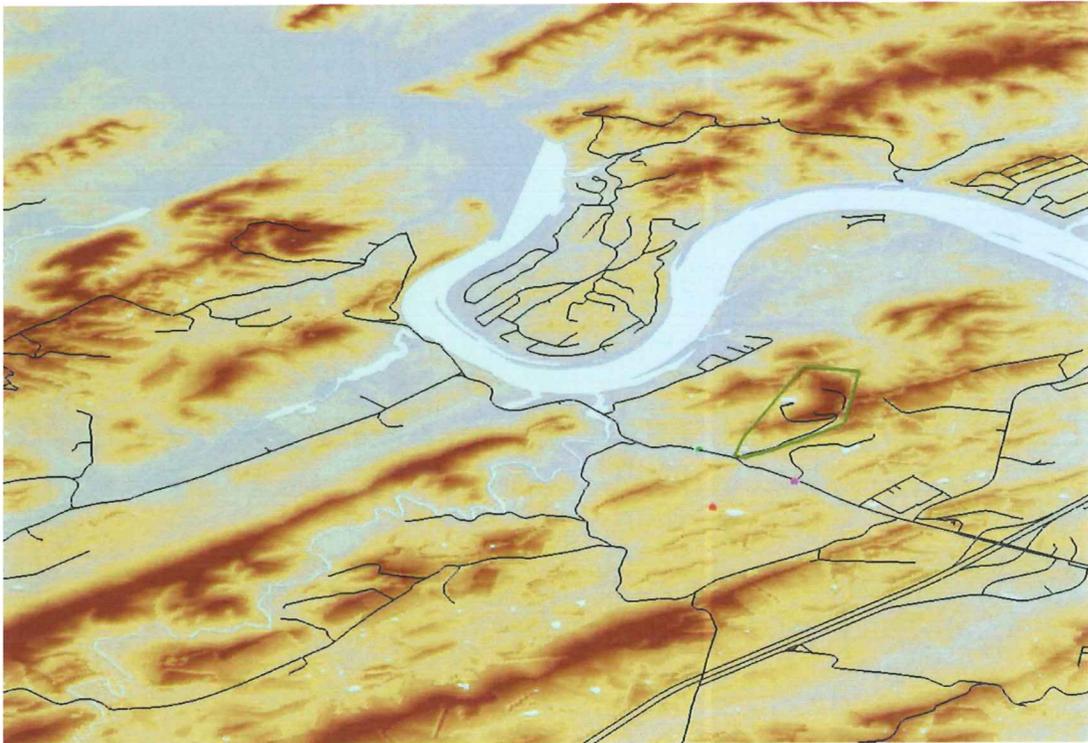
Image in yellow indicates areas visible from three locations near landfill: Hwy 72@ Monterey Mushroom, Hwy 72 Past the Landfill Entrance, and location midway along industrial park road.



Image in yellow indicates areas visible once landfill footprint is finalized. Visibility from three locations near landfill: Hwy 72@ Monterey Mushroom, Hwy 72 Past the Landfill Entrance, and location midway along industrial park road.



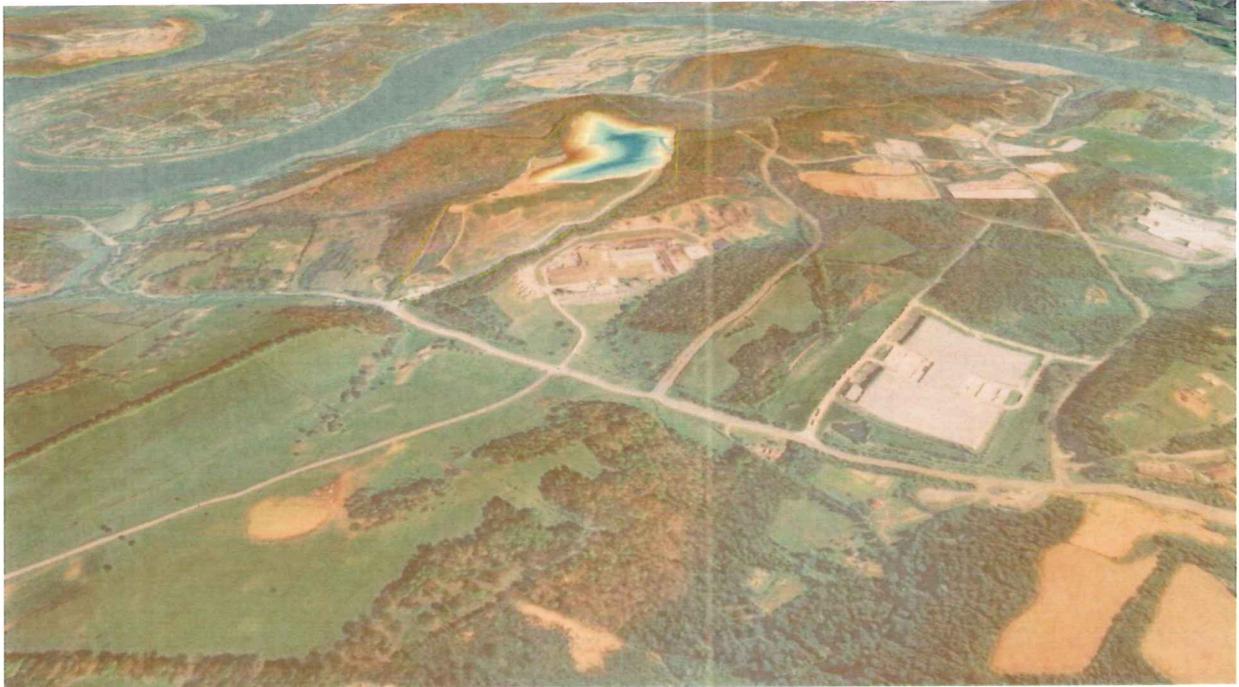
Same three locations mapped for reference. Landfill parcel boundary in green. Using 10m DEM for elevation data.



DEM modified showing proposed build out.



3 dimensional representation--Matlock bend landfill area.



10 Dem draped over surface showing approximate build height.



Vertical exaggeration.