

Issues Regarding TDEC Compliance:

1. Is Rutherford County Landfill in compliance with mandated regulations?

Yes. Per inspection from TDEC dated April 9, 2013 there were no violations. Per inspection from TDEC dated May 2, 2013 there was one violation. On May 2nd, Mr. Padovich, Inspector with TDEC, noted a violation for rills on the side slopes. This inspection occurred after a 6 inch rain event. These rills have been filled and graded.



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

NAME OF SITE <i>Rutherford Co. C & D Landfill</i>		REGISTRATION NUMBER		DATE <i>5-2-13</i>			
LOCATION (physical) <i>6000 Landfill Rd -</i>		PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other					
OWNER/OPERATOR <i>Mac Nolan</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				
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	8160	___	___	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	<input checked="" type="checkbox"/>	___	Dumping of waste into water	8520	___	___
Inadequate dust control	8180	___	___	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>8180 - Erosion rills on sideslopes</i>							
PERSON INTERVIEWED (Signature) <i>Frank J. Padovich</i>							
INSPECTED BY (Signature) <i>Frank J. Padovich</i>							
TITLE <i>ES</i>							
TIME OF DAY <i>1:30 AM</i>		WEATHER CONDITIONS <i>Overcast</i>		COMPLIANCE DATE <i>5-10-13</i>			
Distribution: Facility - White		Field Office - Canary		Central Office - XC			

CN-0761 (Rev. 7-98)

RDAs 2202 and 2499



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

NAME OF SITE <i>Rutherford Co. QD Landfill</i>		REGISTRATION NUMBER		DATE <i>7-9-13</i>		
LOCATION (physical)			PURPOSE <input checked="" type="checkbox"/> Complete <input type="checkbox"/> Follow-up <input type="checkbox"/> Complaint <input type="checkbox"/> Other			
OWNER/OPERATOR <i>McC Nolen</i>			TYPE OF FACILITY <input 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 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: <i>No violations seen</i>						
PERSON INTERVIEWED (Signature) <i>Frank Brown</i>			INSPECTED BY (Signature) <i>Frank Padonich</i>			
TITLE			TITLE			
TIME OF DAY <i>11:15 AM</i>	WEATHER CONDITIONS <i>Overcast</i>		COMPLIANCE DATE			
Distribution: Facility - White		Field Office - Canary		Central Office - XC		

CN-0761 (Rev. 7-98)

RDAs 2202 and 2499

- Explain the inspection process and what is expected of the county. Do all landfills undergo this exact same process or are we going through the process due to failed inspections?

TDEC is a regulatory agency put in place by the state to inspect all permitted landfills to verify that they are operating in accordance with solid waste regulations. They complete a minimum of quarterly inspections on the class III/IV landfills and a minimum of two inspections annually on closed class I

landfills. If there is a violation noted an inspector with TDEC will return within a specified time frame, typically within 30 days, for a follow up to see if the problem has been corrected as noted on page 23 of the State Of Tennessee Solid Waste Manual.

3. Since 2008 has Rutherford County made any progress on failed inspection issues? Please explain.
- 1996 – 8 warnings and 11 consecutive warnings (*missing prior inspections*)
 - 1997 – 22 warnings and 27 consecutive warnings (*missing prior inspections*)
 - 1998 – 6 warnings and 16 consecutive warnings (*missing prior inspections*)
 - 1999 – 0 warnings and 5 consecutive warnings (*missing prior inspections*)
 - 2000 – 1 warning and 0 consecutive warnings
 - 2001 – 0 warnings
 - 2002 – 0 warnings
 - 2003 – 2 warnings and 0 consecutive
 - 2004 – 0 warnings
 - 2005 – 0 warnings and 2 consecutive warnings (*missing prior inspections*)
 - 2006 – 3 warnings and 2 consecutive warnings
 - 2007 – 4 warnings
 - 2008 – 13 warnings and 7 consecutive warnings; **3 warnings and 2 consecutive warnings after Mac was hired**
 - 2009 – 3 warnings and 0 consecutive warnings
 - 2010 – 0 warnings
 - 2011 – 4 warnings and 1 consecutive warning
 - 2012 – 1 warning and 0 consecutive warnings
 - 2013 – 1 warning and 0 consecutive warnings

Rutherford County has and will continue to address areas identified in violation. TDEC is there to assist with evaluation and to ensure that there are items that we do not miss. Zero consecutive warnings denote that prior issues were corrected after initial inspection.

4. It has been reported by citizens that TDEC stated “a lot of leachate is leaking into water.” Was this statement made, and if so please define “a lot.” Do you have any knowledge of the amount of leachate in the Stones River?
- We have no record from TDEC that this has been reported or occurred nor have we received a Ground Water Summary sheet that identifies that this has occurred.**
5. Explain any ongoing issues the county is working on.
- Per a letter dated April 2, 2013 from TDEC the only areas of concern are for the future. A meeting was conducted to discuss ways in which to be proactive based upon current conditions. Items discussed were additional drainage system, a permanent leachate collection sump at toe of class III/IV landfill, flare system and evaluation of existing groundwater monitoring system.**



TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION
NASHVILLE ENVIRONMENTAL FIELD OFFICE
711 R. S. GASS BOULEVARD
NASHVILLE, TENNESSEE 37243
PHONE (615) 687-7000 STATEWIDE 1-888-891-8332 FAX (615) 687-7078

April 2, 2013

Certified Mail 7011 0110 0002 0049 9858
Return Receipt Requested

The Honorable Ernest Burgess
Room 1001
Rutherford County Courthouse
Public Square
Murfreesboro, Tennessee 37133

RE: COMPLIANCE REVIEW MEETING
March 27, 2013

Dear Mayor Burgess:

On March 27, 2013, the Nashville Field Office of TDEC's Division of Solid Waste Management conducted a Compliance Review Meeting with you and representatives of Rutherford County. The purpose of the meeting was to discuss conditions of the County's landfills and to evaluate possible improvements. The primary concerns discussed involved leachate generation and the maintenance of groundwater system components.

Previously, Rutherford County installed a sump in the lower section of its Class IV landfill to remove leachate from the fill area. During the meeting the County shared information that the quantity of leachate removed from the sump was sufficient enough to cap the sump. Additionally, the County has retained a consulting firm to continue and hopefully finalize an evaluation of the landfill cap and cover. The purpose of this evaluation is to determine if improvements can be made in the landfill that will minimize to the extent practicable the generation of leachate. At the Division's request the County agreed to provide at least a quarterly update on the evaluation effort. The County also offered to provide a statement of the status of the work that has been conducted thus far. Please submit the current status statement by the end of April and submit the first quarterly update by the end of June. Completing the evaluation of the landfill cap and cover, determining what improvements can be made, making those improvements that are practicable, and providing at least quarterly updates on the progress helps address our immediate concerns over leachate generation.

Additionally, the discussion during the meeting involved the groundwater monitoring system for the landfills. It was noted that the integrity of monitor well MW-4 has been compromised and it needs to be replaced. All other existing monitor wells need to be inventoried with the expectation of determining the viability for groundwater assessment. Depending on the outcome of the well inventory, additional monitor wells may need to be installed to provide an adequate monitoring

network. Any new wells should be screened above the soil/bedrock interphase. This is required to ensure the appropriate groundwater aquifer is being monitored. Any detected groundwater contamination must be addressed according to State regulations; which may include determining the vertical and horizontal extent of contamination.

We would like to thank you for your participation and cooperation in this effort. In addition to the quarterly report mentioned previously, please provide this office with a schedule for the well inventory efforts within thirty days of the receipt of this letter. All the requested documents and reports may be forwarded to my attention.

If you have any questions concerning this correspondence please feel free to contact me by telephone at 615-687-7019.

Sincerely,



Al Majors, Field Office Manager
Nashville Environmental Field Office
Division of Solid Waste Management

cc: Mr. Mac Nolen, Solid Waste Director for Rutherford County
Teresa Boyer, DSWM Enforcement Chief
Lisa Ann Hughey, CHMM, Deputy Director of Field Operations
Meredith Sullivan Benton, Regional Director for External Affairs, Nashville Field Office

6. What is the possibility of fines being assed to the county? Please explain why.
TDEC is a regulatory agency and could assess fines if they deemed the county was being negligent in their duties to maintain a safe landfill. Rutherford County has shown diligence in operating an efficient and safe landfill. If Rutherford County is on the cusp of fines we are unaware of such.

Issues Regarding Employees

7. Do our county landfill employees have access to personal protection equipment such as masks, gloves, and reflective vests? Are employees required to wear PPE while working?
Yes. Personal Protective Equipment is required when engineering and administrative controls are not feasible. OSHA standards identify the only PPE equipment that we are required to ensure that employees wear is safety toe footwear. Employees at the landfill are required to wear safety toe footwear, but the county is not required to purchase these. However, the county does provide safety toe footwear annually. To our knowledge this requirement is being adhered to. Masks, gloves and reflective vests are not required.

8. Are landfills required to have eye wash and/or decon showers? Do we have either of these at our county landfill?

No. OSHA only requires eye wash and decontamination showers when an employee is exposed to corrosive materials. However, there are restroom facilities at the landfill.

9. How many landfills employ an engineer that works onsite during operating hours?

Unknown, cannot find that this is a requirement of a Class III/IV landfill or closed Class I landfill. However, the county has an engineer that is readily accessible.

10. How many employees at the landfill are certified operators? Are employees required to go through training on landfill operations prior to beginning work? Do they understand what materials are allowed at the site?

Per the State of Tennessee Solid Waste Policy Manual the only landfill that is required to maintain a certified operator's certificate is an active Class I landfill. However, the county does have a certified landfill operator.

Yes. Once hired and assigned to the landfill a general overview is conducted of the operations of the landfill.

In addition, the Landfill Rules of Operations are covered which are:

Rutherford County Landfill Rules of Operations for Employees

-Employees must report to their work stations on time. Each employee must be clocked in and ready for assigned duties at the designated time each day. (6:45 am until 3:15 pm with alternating lunch schedules so that at least one scale operator and one equipment operator are on duty for the entire shift.)

-Employees must clock in and out for a full 30 minute lunch period prior to beginning their 6th hour of their shift. Employees may not skip lunch to arrive or leave 30 minutes short of the assigned shift.

-Employees must notify the Director of any duty or shift change. If you are calling in sick, you must call the Director before your shift starts. If you need to schedule for time off, it must be approved by the Director, prior to taking the time. If you need to leave work during your shift, you must notify the Director before you leave.

-Employees should not be on the property during non scheduled work hours.

-Employees must not duplicate, share, or loan their access to the property to any family members or friends. The security of the facility is the responsibility of all employees.

-Employees must report any accidents, injuries, or damage immediately. If our personnel or equipment are not involved, the incident still must be reported. If it happens on our property, report it. Record the names and addresses of all parties involved and a description of how and why the event occurred. The completed report must be filed by the end of that same work day and the Director's office must be notified. For accidents/incidents that are on our property, go to the rutherfordcountyttn.gov web site, then to insurance department, then to risk management, then to property & casualty forms. Also, the safety program book has forms in it.

-Employees are to operate the equipment in a safe manner at all times. This will include, but is not limited to safe speed, proper use of equipment, spacing from other equipment and persons. Refer to the Rutherford County Government Safety Program, pages 10 through 14 for General, Office, Safe Lifting, and County Vehicle policies and procedures.

-County owned equipment, property, materials, and inventory are for official use only and is not for personal use. This includes materials brought in for disposal. If you didn't bring it with you or it isn't assigned to you, do not give it away to someone else or leave with it.

-All purchases must have both a purchase order and the approval of the Director before the purchase is made. Absolutely no purchases of any merchandise that isn't County related.

-All fuel and oil use must be logged by the employee that is using it. Equipment hours or miles must also be logged.

-All keys to equipment, trucks, and locks must be logged out and back in by the user (not other persons). An equipment usage log form must be completed each day for every piece of equipment or truck used that day. The log must include a description of what the equipment was used for and why and completed by the end of the shift. All keys must be secured in the key box at the end of each shift. The key box key must be secured in its proper location.

-All employees have the responsibility of observing environmental, operational and safety issues and report them to the Director.

-The Rutherford County Government Employee Handbook covers rules, not listed here, that must be followed.

The provisions of the Rutherford County Rules of Operation for Employees will apply to all employees of the department, whether part-time or full-time.

11. Is it required for a landfill employee to oversee dumping every time someone dumps at the site? How do we ensure that only permitted items are dumped?

Solid Waste Rules do not require that each load be observed during unloading. The rules do require a random inspection be conducted. The Rutherford County Operations Plan requires the attendant to assess each load as it passes the attendant station. Employees at the working face are to inspect the waste for hazardous waste as it is being spread.

12. Is there anyone onsite that has had safety training such as first aid/CPR?

Unknown if anyone is currently certified. Annual safety training is conducted for all landfill employees. First aid/CPR training is offered but not required annually to all county employees. The training is conducted after work hours and in the past has been conducted at the health department via either a private entity or the ambulance service. Under TN Rule 0400-11-01, first aid/CPR training is not specifically required.

13. Are employees required to have blood borne pathogen training?

Blood borne pathogen training is not required but is conducted. Annually a member of the Risk Management team conducts this training to all members of the landfill. The last training session was March 14, 2013 and was conducted by Dwayne Hawkins. Additionally, there is a training module on the Human Resources website that has the annual trainings that includes a quiz at the end.



**RUTHERFORD COUNTY
TENNESSEE
HUMAN
RESOURCES**

303 North Church Street • Murfreesboro, TN 37130 • Phone: (615) 494-4480 • Fax: (615) 907-5699

- [Home](#)
- [Open Positions](#)
- [Application Helpful Hints](#)
- [Job Application PDF](#)
- [Demographic Form PDF](#)
- [EEOC Policy](#)
- [Drug-Free Workplace Policy](#)
- [ADA Request for Modification PDF](#)
- [Pay Plans for 2012-2013](#)
- [County General Chancery, Clerk of Courts, and Trustee](#)
- [Public Safety Sheriff's Office](#)
- [Retirement](#)
- [FAQ's](#)
- [Staff List](#)
- [Intranet](#)
- [Training](#)

Contact Us:

303 N Church Street
Suite 200
Murfreesboro, TN 37130

Office: (615) 494-4480
Fax: (615) 907-5699

Monday to Friday
8:00am – 4:30pm

Safety Training

The table below only list annual safety training topics. You can find [additional safety training requirements](#) at the Risk Management Department web page.
Instructions to complete the required training:

1. Move the cursor over the training topic and click once to start the presentation.
2. At the end of your presentation, click on the link to take the Quiz.
3. Once you have linked to the quiz, please enter your Social Security Number (SSN) with dashes in the area provided. (example 999-99-9999).
4. Once finished answering the questions, click the submit button. You will see the following message: **SCORE: (?) Congratulations, you have successfully completed the safety training. Your score will be recorded.**

NOTE: If you were hired within the last 90 days or entered your SSN without dashes, you may see the following statement after you have submitted your quiz: **SSN NOT FOUND.**

It takes approximately 90 days for newly hired employees to be loaded into the training data base. In either case simply print out your completed quiz and turn it into your supervisor to receive credit.

There are DVD presentations available on select topics but it is not mandatory to view them to receive credit. This is an excellent way to enhance the training experience for those who are visual learners. The DVDs can be signed out from the Safety & Training Office by contacting us at: 898-7715.

Links

[Tennessee Department of Human Services](#)

[Tennessee Consolidated Retirement](#)

[Social Security Administration](#)

[monster](#)

[careerbuilder](#)

[TENNESSEE CAREER CENTER](#)
Murfreesboro

[Rutherford County Schools](#)

[Rutherford County Risk Management Department](#)

[ADA Public Notice](#)

[Title VI Policy](#)



	Annual Safety Training Topics	Who is Required
	<u>Bloodborne Pathogens</u>	Affected Employees
	<u>Fire Protection (Fire Extinguishers)</u>	All Employees
	<u>Hazard Communication (Chemical Hazards)</u>	All Employees
	<u>Respirator</u>	Affected Employees

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 County Courthouse Suite 104 • Murfreesboro, TN 37130
 Email – [sstephenson@rutherfordcounty.org](mailto:ssstephenson@rutherfordcounty.org)

14. Are employees required to have household hazard training?
Yes. Same as question above, this training is conducted annually and is called Hazard Communication. Employees are required to identify household items and unusual items, i.e. televisions. Instructions are also located on the Solid Waste Website.



Rutherford County Landfill

Mac Nolen, Solid Waste/Landfill Director

E-mail: mnolen@rutherfordcounty.org

6000 Landfill Road

Murfreesboro, TN 37130

Phone: (615) 898-7874 – Office phone number

Fax: (615) 898-7804 – Office fax number

E-mail: landfill@rutherfordcounty.org

- [Solid Waste Department](#)
- [Convenience Center Locations](#)
- [Recycling Centers & Electronic Waste Recycling](#)
- [Recycling & Environmental Education](#)

The Rutherford County Landfill is the County-operated Class III/IV (Construction/Demolition Wastes & Yard Debris) Landfill.

There is no charge for Rutherford County residents bringing less than one (1) ton per year of waste from their personal homes with Rutherford County vehicle tags, *but* we charge \$30 per ton for all vehicles that do not have Rutherford County vehicle tags and for all commercial vehicles.

• **We only accept cash and checks, not credit or debit cards.** •

We accept the following materials:

- Farm Waste – not pesticides or automotive fluids
- Landscape waste – branches, leaves, clippings
- Land Clearing waste – soil, stumps
- Construction waste – brick, concrete, masonry, soil, rock, lumber, road spoils & paving materials
- Demolition waste – shingles, roll roofing
- Vinyl siding

The following materials are NOT accepted:

- Paper
- Plastics of any kind
- Metal (including Tin & Aluminum)
- Appliances of any kind
- Fence wire or wire of any kind
- Carpet or linoleum of any kind
- Household trash of any kind

The materials not accepted at the County Landfill can be taken in small amounts to one of the County Convenience Centers operated by the County Solid Waste Department.

The County Landfill also provides disposal of ten (10) off-the-rim car or light truck tires per Rutherford County resident *per year* at no charge. All additional light passenger tires will be charged \$1.00 each and all large tires are charged at the rate of \$65.00 per ton.

For anyone with a large load of tires, please feel free to contact Mac's Tire Recyclers at (615) 256-9050 or by fax at (615) 256-9055. They are located at 525 Woodycrest in Nashville.

The Rutherford County Landfill operates on the following schedule:

Open	Monday thru Friday	7:00 AM to 3:00 PM
Open	April–October 1st and 3rd Saturday	8:00 AM to 11:45 AM

of each Month

Closed

Saturday & Sunday

The facility and grounds are available to all eligible persons regardless of age, race, color, national origin, sex, disability, religion, or veteran status. The facility and grounds will not be used by any organization that would put the County in competition with private business. Questions concerning the eligibility of use will be referred to the Public Works Committee of the Rutherford County Commission for resolution.

15. Do employees receive TB testing? Hepatitis shots for all employees (not just new)? Pre and Post exposure test? What are the regulations regarding health testing for landfill employees?

TB and Hepatitis shots are voluntary but are currently offered to employees who have a necessity to need the shot series. Prior to 2007 each department handled within their department.

HEPATITIS B VACCINATION ACCEPTANCE / DECLINATION FORM

RUTHERFORD COUNTY, TN

AT-RISK EMPLOYEE'S WRITTEN OPINION FOR
HEPATITIS B VACCINATION

Employee Name Printed: _____

Date of Birth: _____ Sex: M ___ F ___ SSN: _____

Employee Title: _____ Department: _____

I understand that since the duties and responsibilities of my job may put me at risk for occupational exposure to blood or other potentially infectious materials, I may be at risk for acquiring the Hepatitis B Virus infection. Rutherford County has offered me the opportunity to be vaccinated with the Hepatitis B series and have a titer drawn, at no cost to me, from the employer's medical clinic, MedPoint. I further acknowledge that if I choose to take the Hepatitis B series through MedPoint, I understand these shots will only be available to me at either the Blackman Elementary or Stewarts Creek Elementary medical clinic location during their normal hours of operation.

NOTE: If you have received the 3 shots series before you do NOT need to repeat the series.

Initial your decision regarding the vaccination and other information as requested below:

___ **I accept the Hepatitis B vaccination series** and understand that I must receive each of the three shots in the vaccination series to achieve protection by the shots. I understand that I will receive the Hepatitis B series at a specified MedPoint clinic at no cost to me and will need to schedule an appointment by calling 904-6770. I will also need to have lab drawn to determine protection from the Hepatitis B series 1-2 months following the last shot. If I did not acquire the needed protection I will repeat the 3 shot series.

If accepting to have the Hepatitis B series, please indicate the appropriate answer to the following:

___ **I do have or ___ I do NOT have Rutherford County Insurance.**

Regardless of insurance coverage with Rutherford County, employees who elect the vaccine should call 904-6770 to make an appointment.

- Are you are you allergic to yeast? Yes or No

___ **I decline the Hepatitis B vaccination at this time.** I understand that by declining this vaccine I continue to be at risk of acquiring Hepatitis B unless I have already received the shots. If I want to receive the Hepatitis B vaccine in the future, I must make a written request to my department head.

Employee Signature _____ Date _____

As required under the bloodborne pathogen standard, the HBV vaccination is recommended for the employee named above.

****A copy of this form is to be provided to the employee within 15 days of its completion**

Signature of Department Head: _____ Date _____

*Form is to be kept on file by the employer.

****Fax this form immediately to Dwayne Hawkins at the Risk Management department (867-4602) upon its completion.**

Revised 7/23/11

16. Do we have outside contracted employees that work at the landfill? What training do they undergo before beginning work? What is our county policy regarding contracted workers and county owned equipment? Can non county employees run heavy equipment owned by the county?

Yes, Alsup Excavating. They are an excavating company and are aware of the landfill requirements. When completing contracted work Alsup's uses their equipment. No, county employees only operate county equipment and vice versa.

Issues Regarding OSHA Requirements

17. When is the last OSHA inspection the county landfill had?

The county, to our knowledge, has never had an OSHA inspection.

18. Are MSDS available at the county landfill as well as all convenience centers?

The county landfill has MSDS sheets for the chemicals and has access to the county Risk Management. We are in the process of providing MSDS sheets to all convenience centers for the chemicals they use.



Material Safety Data Sheets

[A-B](#), [C-D](#), [E-G](#), [H-I](#), [J-L](#), [M-N](#), [O-Q](#), [R-S](#), [T-V](#), [W-Z](#)

- [Health & Safety Newsletters](#)
- [Risk Management](#)
- [Safety](#)
- [Training](#)
- [Forms](#)
- [Training Sheet](#)
- [Return to Work Agreement](#)
- [Accident/Incident Investigation](#)
- [Monthly Housekeeping Inspection Sheet](#)
- [OSHA Respirator Medical Evaluation](#)
- **[MSDS INFORMATION](#)**

Issues Regarding Gypsum

19. Please describe issues regarding gypsum. What are the potential hazards? Are there any regulations regarding its disposal in a landfill and/or cleanup of the product?
- Large quantities of gypsum waste when combined with organic waste and water can generate hydrogen sulfide gas in anaerobic conditions. However, current Solid Waste Regulations, TN 0400-11-01, do not prevent the disposal of waste gypsum wallboard originating from construction and demolition sites at Class III/IV landfills.**

Issues Regarding the Leachate Pump

20. Describe how the wells work. How are they to be installed? Are there any issues regarding the wells at the Rutherford County Landfill? Are the wells appropriately placed?
- A single leachate recovery well is installed on Class I closed landfills. A pump is within the recovery sump. Periodically, the pump is turned on and leachate is recovered from the landfill and discharged into an aboveground storage tank. The volume of leachate is measured and then discharged through a PVC line to leachate collection tanks. The leachate is then transported to an appropriate facility for proper treatment.**
- In Rutherford County this leachate goes to the Middle Point Landfill. An additional leachate recovery sump has been proposed by Rutherford County to be installed at the toe of the Class III/IV landfill. The sump will be equipped with a pump that will transfer leachate from the sump to a tanker truck. The tanker truck will transport the leachate offsite for proper treatment.**
21. Are there areas of leachate pooling around the landfill? What are the environmental concerns?
- There have been some leachate outbreaks at the landfill in the past. When they occur, Rutherford County works to eliminate them by placing compacted soil over the outbreak area and revegetating the area. Improved site drainage off the landfill and the installation of the leachate sump should help eliminate future leachate outbreaks.**
22. What is the risk of the hill “blowing out” due to pressure from the inside?
- None that we are aware of, the gas vents alleviate pressure from gas build up within the landfill.**
23. Regarding runoff- is there an issue with runoff at the landfill? Is the collection pond operating properly? Is it properly cleaned?
- Not that we are aware of the collection pond is operating properly and is clean periodically by our contractors.**
24. In previous years, 2010 in particular, has there been money appropriated to fix leachate issues? What is the status of that project?
- Yes, there has always been money in the budget to correct issues as they arise. This is not a project but an on-going process.**

Issues Regarding Igniters

25. How many igniters are currently working at the county landfill? How many are out of service? Are there any concerns about these igniters, and could they possibly be permanently damaged due to being inoperable for long periods of time?

Approximately 40 of the 44 flares are currently operational. Four are out of service. There is no indication that any of the gas vents are not working adequately. It is unlikely that the flares would be damaged by inactivity.

26. Are there any environmental concerns remaining from the igniters that did not properly work?

There is no indication that any of the gas vents are not working adequately. Quarterly methane monitoring is conducted at the perimeter gas monitoring probes and within the interior of certain landfill structures. Based on the methane monitoring conducted at the site, there is no methane buildup within the interior of any of the monitored landfill structures or in the gas monitoring probes utilized for compliance monitoring.

Issues Regarding Private Haulers

27. What is our current policy regarding box storage for private haulers? Do landfills typically allow this type of storage on their property for free?

Rutherford County allows this as a means of customer service for our frequent haulers. Unknown if others public landfills allow.