

Getting Started – Handling and Processing of Wastewater

A Resource Guide for Small Poultry Processors in Tennessee

January 2015

Tennessee Division of Department and Environment and Conservation

TDEC

Organization & Customer Service

- Conservation:
 - State Parks

- Environment.....
 -*which includes:*
 - Air Pollution Control
 - Solid Waste Management
 - Underground Storage Tanks
 - Water Resources
 - Water Supply
 - Septic Systems
 - Wastewater

Staffing

- Central Office

- Commissioner

- Staff
 - Support Divisions

- Division

- Administrators

- State-wide permitting

- William R. Snodgrass
Tennessee Tower

- 8th Ave. N., Nashville

- 8 Environmental
Field Offices

- Complaint
Investigation

- Local Permitting

- State-wide permit
compliance

- Water Quality
Assessments

- Technical
Assistance^(state)

Field Office Map

Tennessee Department of Environment & Conservation Division of Water Resources Offices 1-888-891-TDEC (8332) / www.tn.gov/environment/water

JACKSON

P(731) 512-1300
F(731) 661-6283

1625 Hollywood Drive
Jackson, TN 38305
Water Resources Manager
Conner Franklin
(731) 512-1302
Regional Director for External Affairs
Rudy Collins
(731) 512-1339
Administrative Mgr-Carol Pollan
(731) 512-1303

NASHVILLE

P(615) 687-7000
F(615) 687-7078

711 R.S. Gass Blvd
Nashville, TN 37216
Water Resources Manager
Ann Morbitt
(615) 687-7119
Regional Director for External Affairs
Meredith Sullivan Benton
(615) 687-7074
Administrative Mgr-Steven Janes
(615) 687-7016

COOKEVILLE

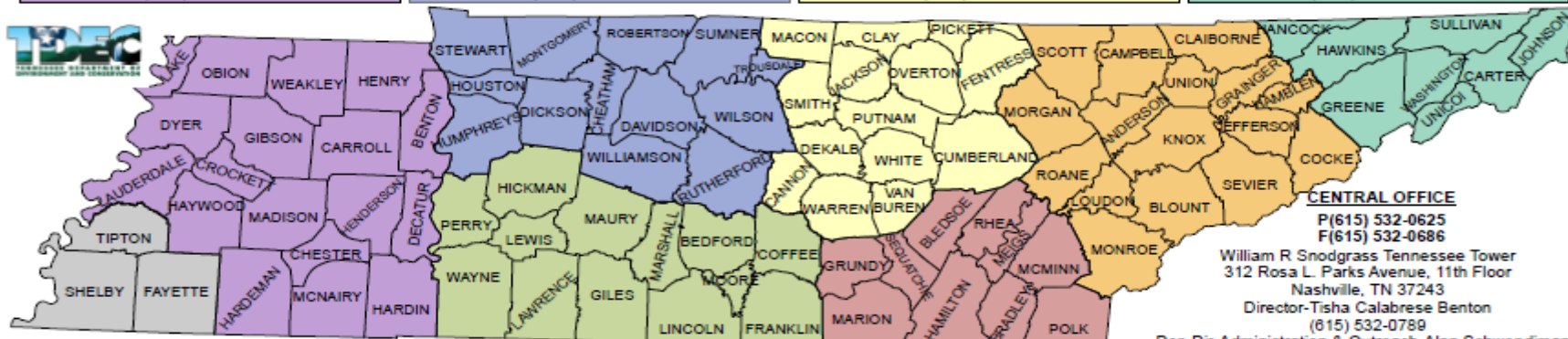
P(931) 432-4015
F(931) 432-6952

1221 South Willow Avenue
Cookeville, TN 38506
Water Resources Manager
Johnny Walker
(931) 432-7627
Regional Director for External Affairs
Jeni Lind Brinkman
(931) 432-7614
Administrative Mgr-Jo Thurman
(931) 432-7611

JOHNSON CITY

P(423) 854-5400
F(423) 854-5401

2305 Silverdale Road
Johnson City, TN 37601
Water Resources Manager
Chris Rhodes
(423) 854-5419
Regional Director for External Affairs
Mark Braswell
(423) 854-5459
Administrative Mgr-Judy Jarrett
(423) 854-5404



CENTRAL OFFICE

P(615) 532-0625
F(615) 532-0686

William R Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, TN 37243

Director-Tisha Calabrese Benton
(615) 532-0789

Dep Dir-Administration & Outreach-Alan Schwendimann
(615) 532-0766

Dep Dir-Water Quality Branch-Jennifer Dodd
(615) 532-0643

Dep Dir-Field Office Operations-Jonathon Burr
(865) 594-5520

Land-Based Fellow
Britton Dotson
(615) 532-0774

Water-Based Fellow
Sherry Wang
(615) 532-0656

Drinking Water Fellow
David Money
(931) 840-4172

MEMPHIS

P(901) 371-3000
F(901) 371-3170

8383 Wolf Lake Drive
Bartlett, TN 38133
Water Resources Manager
Joellyn Brazile
(901) 371-3025
Regional Director for External Affairs
Currently Vacant
Administrative Mgr-Stephanie Richey
(901) 371-3002

COLUMBIA

P(931) 380-3371
F(931) 380-3397

1421 Hampshire Pike
Columbia, TN 38401
Water Resources Manager
Sherry Glass
(931) 840-4153
Regional Director for External Affairs
Brooke Barrett
(931) 840-4156
Administrative Mgr-Sheila Colston
(931) 840-4142

CHATTANOOGA

P(423) 634-5745
F(423) 634-6389

State OFC Bldg-540 McCallie Ave-Ste 550
Chattanooga, TN 37402
Water Resources Manager
Jennifer Innes
(423) 634-5719
Regional Director for External Affairs
Tyler Jeffrey
(423) 634-5782
Administrative Mgr-Andra Kelley
(423) 634-5731

KNOXVILLE

P(865) 594-6035
F(865) 594-6105

3711 Middlebrook Pike
Knoxville, TN 37921
Water Resources Manager
Michael Atchley
(865) 594-5589
Regional Director for External Affairs
John LeCroy
(865) 594-2147
Administrative Mgr-Cynthia Mabe-Johnson
(865) 594-5450

RWMc 11/21/2014

Department Contact Information

- www.environment.gov
- “Contact Us” Tab on Left-Side Menu Bar
 - EFO Program Area Contacts
 - Directors of External Affairs
- “Ask Tdec” email

Department of Environment & Conservation

Bob Martineau, Commissioner

GOVERNOR

Bill Haslam

Visit Bill's Web Site

Department Contacts | Ten...

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Related Topics

Healthier Tennessee (TN)

Sustainable Tourism

U.S. EPA

Department Contacts

Commissioner Robert J. Martineau, Jr.

312 Rosa L. Parks Ave - Tennessee Tower - 2nd Floor

Nashville, TN 37243

(615) 532-0109

TDEC Employee Directory

State Parks

Tennessee Golf Trail

Recreation Services

Greenways & Trails

Want to Improve Tennessee's Environment?

Call 1-888-TDEC (8332)

askTDEC@tn.gov

Question about Tennessee State Parks?

Call 1-888-TN-PARKS

ask.TNSTATEPARKS@tn.gov

Deputy Commissioner Shari Meghreblian

Bureau of Environment

Air Pollution Control (615) 532-0554

Energy Oversight (Oak Ridge) (865) 481-0995

Fleming Training Center (615) 898-8090

Geology (615) 532-1502

Radiological Health (615) 532-0364

Remediation (615) 532-0900

Small Business Assistance (615) 532-8013 & 1-800-734-3619

Solid & Hazardous Waste (615) 532-0780

State Revolving Loan Fund (615) 532-0445

Underground Storage Tanks (615) 532-0945

Water Resources (615) 532-0625

West TN River Basin Authority (731) 784-8173

Environmental Field Offices

Chattanooga (423) 634-5745

Columbia (931) 380-3371

Cookeville (931) 432-4015

Jackson (731) 512-1300

Johnson City (423) 854-5400

Knoxville (865) 594-6035

Memphis (901) 371-3000

Nashville (615) 687-7000

Deputy Commissioner Brock Hill

Bureau of Parks and Conservation

Archaeology (615) 741-1588

Facilities Management (615) 532-0018

Golf Services (615) 532-0104

Inn/Conference Ctr. Services (615) 532-7707

Recreation Education Services (615) 532-0748

Natural Areas (615) 532-0431

Restaurant Services (615) 532-0006

State Parks (615) 532-0001

Administrative Services

Tom Eck, Assistant Commissioner (615) 532-0103

Financial Responsibility (615) 532-0877

Fiscal Services (615) 532-0328

Human Resources (615) 532-0200

Information Systems (615) 532-0261

Office of Sustainable Practices

Lori Munkeboe, Director (615) 532-0705

Green Initiatives (615) 253-8780

Sustainable Communities (423) 854-5417

State Government (615) 532-9271

Leadership and Excellence (615) 532-8738

Numbers to Note

TDEC

TENNESSEE

State Parks

Tell us how we're doing.

✓

Take our 5-10 minute survey on customer service.

Featured Sites

Employment Opportunities

Internships

Fleming Training Center

Tennessee Conservationist Magazine

Tennessee State Parks

TN.gov Services

Renew Driver License

Renew Health License

Renew Professional Non-health License

New! Get Your Driving History Online

More »

http://tn.gov/environment/contact.shtml#

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1/21/2015

Land/Solid Waste - Disposal of feathers/offal

- Be Good Steward of Land
 - Protect public health; Avoid nuisance conditions
 - Protect groundwater and streams
- Honor “Special Waste” Requirements
 - Difficult or dangerous to manage
 - Assists Landfill Operators
 - Defined or Per Discretion of EFO
- Utilize Composting By Rule
 - Obtain permit if required; some exemptions apply
 - Meet “General Facility Requirements”

Solid Waste Contacts

- EFO with jurisdiction over your county
- Rule 0400-11-01, et. Seq.
- Weblink: <http://tn.gov/environment/solid-waste/>

Air Pollution Control – disposal by incineration

- Protect Air Quality Attainment Goals For Your Area
- Inquire Regarding Permitting
 - Some exemptions apply
 - Exemption is function of several factors
 - Parts of several rules may apply (30 chapters)

Air Pollution Control Contacts

- Central Office, Nashville, (615) 532-0554
- Ask to speak with a Permit Section Manager regarding plans to install/operate an incinerator
- Inquire prior to installation as a construction permit may apply
- Weblink: <http://tn.gov/environment/air/>

Water Resources- disposal/management of water

- Maintain or improve waters of the state to maintain designated uses:
 - Potable water supply
 - Industrial water supply
 - Fish and aquatic life
 - Recreation (fishing/swimming)
 - Livestock watering and Wildlife
 - Irrigation
 - Trout habitat

When Water Quality Permits Are Required

- For discharging to waters or land
 - Surface water: NPDES (National Pollutant Discharge Elimination System under Water Quality Control Act)
 - Land: SOP (State Operation Permit) or SSDS (Subsurface Sewage Disposal System aka Septic Sys.)
 - Groundwater: UIC (Underground Injection Control under Water Supply Act)
- For operating a sewerage system
- For a new structure constructed with the expectation of generating wastewater




Step 1: Planning

- Know Your Intent
 - Sewerage system permit applications reflect intent
 - Sewerage system permits are developed based on intent
- Develop Your Plan
 - Is wastewater sewage?
 - Is wastewater product?
- Apply Your Plan/Assume Responsibility For It
- Avoid Discharging to Waters



Some Examples

- Can a processor pull the waste water behind the tractor and pump out on growing crops?
 - Waste disposal?
 - Soil amendment?
 - Impact waters?
 - Can a processor pump the liquid effluent and use to wet composted material?
 - Waste disposal?
 - Raw material used in making product?
 - Impact waters?
- 

Step 2: Engineering

- Subsurface Disposal (Septic Systems)
- Title 68 of TN Code
- Installed by State-Licensed Installers
- Rules Specify Design Requirements
- Surface Disposal
- Title 69 of TN Code
- PE Registered in TN plans, designs, oversees construction and startup of system
 - Engineering Report
 - Construction Plans
 - Performance Bond

Step 3: Permitting

Septic System:

- Construction Permit
 - Application to local health department w/fee (\$500.00)
- UIC Permit
 - Application to Nashville central office; \$100.00 annual maintenance fee

Surface Land Disposal:


- State Operation Permit
 - Application to Nashville Central office; \$350.00 annual maintenance fee

Water Resources Contacts

- Environmental Field Office
 - Contact & initiate site-specific discussions
 - Will make referral as appropriate
 - Local health department (subsurface)
 - Central office (state operation permit & UIC permit)
- Weblink (EFO):
<http://tn.gov/environment/contact.shtml>
- Weblink (Rules):
<http://tn.gov/environment/water/>



In Summary

- Tdec believes environmental and business interests can be compatible
 - Tdec staff is committed to provide you good customer service
 - Answer your questions
 - Consider your site-specific activities
 - Be aware of our due process of law
- 



Questions

- Ask.TDEC@tn.gov
- wade.murphy@tn.gov, (615) 532-0666



Credits

- Thanks to the following persons who contributed to content and edit of this presentation:

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