



# **RICHLAND COUNTY COUNCIL**

## **DEVELOPMENT AND SERVICES COMMITTEE**

Norman Jackson	Joyce Dickerson	Valerie Hutchinson (Chair)	Bill Malinowski	Kelvin Washington
District 11	District 2	District 9	District 1	District 10

**FEBRUARY 22, 2011  
5:00 PM**

**2020 Hampton Street, Columbia, South Carolina**

### **CALL TO ORDER**

### **APPROVAL OF MINUTES**

1. Regular Session: January 25, 2011 [pages 4-6]

### **ADOPTION OF AGENDA**

### **ITEMS FOR ACTION**

2. A Resolution in Support of Dirt Road Paving Design [pages 8-10]
3. Placing the Recreation Commission under County Council [pages 12-15]
4. Review of the Comprehensive Plan concerning the densities for the Lake Murray area of Richland

County, as well as the Priority Investment Areas [pages 17-18]

5. State of the County Address [pages 20-21]

6. Utility Systems Oil, Fats and Grease Regulations [pages 23-34]

### **ITEMS PENDING ANALYSIS: NO ACTION REQUIRED**

7. a. Curfew for Community Safety (Manning)

b. Direct Staff to coordinate with DHEC and SCDOT a review of traffic signal timing improvements and synchronization in unincorporated Richland County and request a system of red/yellow flashing traffic signals be initiated to help reduce emissions. Unincorporated Richland County will also mandate ingress and egress turn lanes for all businesses and residential construction that would cause a slowdown of traffic on the road servicing the facility (Malinowski)

c. Farmers Market Update (Council)

d. Number of Animals Breeding and/or Stray Facilities (Malinowski)

e. Review all Engineering and Architectural Drawing requirements to make sure there is no unnecessary charge or expense to citizens (Jackson)

f. Review Homeowner Association covenants by developers and the time frame for transfer and the strength of the contracts (Jackson)

g. To direct Public Works to review county ordinances and propose amendments that would allow the recovery cost to repair damage done to county public roads. The intent of this motion is to hold those responsible who damage the roadways due to the use of heavy vehicles, improperly prepared property or other uses for which the types of roadway was not intended (Malinowski)

h. That Richland County enact a Tree Canopy Ordinance and inventory to preserve and enhance the number of trees in Richland County (Malinowski)

### **ADJOURNMENT**



# Richland County Council Request of Action

**Subject**

Regular Session: January 25, 2011 [pages 4-6]

**Reviews**

**Richland County Council  
Development and Services Committee  
January 25, 2011  
5:00 PM**



*In accordance with the Freedom of Information Act, a copy of the agenda was sent to radio and TV stations, newspapers, persons requesting notification, and was posted on the bulletin board located in the lobby of the County Administration Building.*

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**Members Present:**

Chair: Valerie Huthinson  
Member: Joyce Dickerson  
Member: Norman Jackson  
Member: Bill Malinowski  
Member: Kelvin E. Washington, Sr.

**Others Present:** Paul Livingston, Gwendolyn Davis Kennedy, Seth Rose, Milton Pope, Tony McDonald, Sparty Hammett, Roxanne Ancheta, Randy Cherry, Larry Smith, Amelia Linder, Stephany Snowden, Tamara King, Melinda Edwards, Sara Salley, Anna Lange, John Hixson, Sandra Haynes, Brian Cook, Geo Price, Monique Walters, Michelle Onley

**CALL TO ORDER**

The meeting was called to order at approximately 5:02 p.m.

**ELECTION OF CHAIR**

Mr. Washington moved, seconded by Mr. Malinowski, to nominate Ms. Hutchinson for Chair. The vote was in favor.

**APPROVAL OF MINUTES**

**December 21, 2010 (Regular Session)** – Mr. Washington moved, seconded by Mr. Malinowski, to approve the minutes as distributed. The vote in favor was unanimous.

**ADOPTION OF AGENDA**

Mr. Jackson moved, seconded by Mr. Malinowski, to adopt the agenda as distributed. The vote in favor was unanimous.

## ITEMS FOR ACTION

### **Construction Services/Detention Center Chiller Project** – A discussion took place.

Mr. Jackson moved, seconded by Mr. Malinowski, to forward this item to Council with a recommendation for approval of Alternative #1: “Approve the request to authorize the Procurement Department, Department of Support Services and the Sustainability Coordinator to negotiate and award the contract for the EECBG Detention Center Chiller project to begin reducing power consumption and the Counties carbon footprint.” The vote in favor was unanimous.

**Judicial Center and Administration Building Lighting Upgrades** – Mr. Malinowski moved, seconded Mr. Jackson, to forward this item to Council with a recommendation for approval of Alternative #1: “Approve the request to authorize the Procurement Department, Department of Support Services and the Sustainability Coordinator to negotiate and award the contract for the EECBG Judicial Center and Administration Building Lighting Upgrades project to begin reducing power consumption and the Counties carbon footprint.” The vote in favor was unanimous.

**Kershaw County IGA Screaming Eagle Landfill** – Mr. Malinowski moved, seconded by Mr. Jackson, to forward this item to Council with a recommendation for approval. The vote in favor was unanimous.

### **Recreation for Adults/Seniors** – A discussion took place.

Mr. Malinowski moved, seconded by Mr. Jackson, to forward this item to Council with a recommendation for approval of Alternative #1: “Council direct the Recreation Commission to appropriate funds for recreational activities targeted specifically for adults/seniors in the FY12 budget process. The vote in favor was unanimous.

**Richland County explore the benefits of accepting SCDOT roads in the County system** – A discussion took place.

Mr. Jackson moved, seconded by Mr. Malinowski, to forward this item to Council with a recommendation to refer the item to the Legislative Agenda. The vote in favor was unanimous.

**Richland County membership in the U. S. Green Building Council** – A discussion took place.

Mr. Malinowski moved, seconded by Mr. Jackson, to forward this item to Council with a recommendation for denial.

**For**  
Malinowski  
Jackson  
Dickerson

**Against**  
Hutchinson

**Not Present**  
Washington

The vote was in favor.

**Richland County North Paving Contract RC-008-CN-1011** – Mr. Jackson moved, seconded by Mr. Malinowski, to forward this item to Council with a recommendation for approval. The vote in favor was unanimous.

**The Town of Irmo Animal Care Intergovernmental Agreement** – Mr. Jackson moved, seconded by Ms. Hutchinson, to forward this item to Council with a recommendation for approval. The vote in favor was unanimous.

**To amend the existing Intergovernmental Agreement with the Town of Arcadia Lakes for Road Maintenance, Drainage Maintenance, Plan Review, Inspection, and NPDES Stormwater Permit Compliance, dated July 14, 2003** – Mr. Malinowski moved, seconded by Mr. Jackson, to forward this item to Council with a recommendation for approval. The vote in favor was unanimous.

#### ITEMS FOR DISCUSSION/INFORMATION

**A Resolution supporting Representative Jim Harrison's pre-filled bill to have the Recreation Commission to fall under the jurisdiction of Richland County Council** – This item was forwarded to the February D&S Committee meeting for action.

**Subdivision of Family Property** – This item will be taken up at the February Planning Commission and Zoning Public Hearing meetings.

#### ITEMS PENDING ANALYSIS

**No Through Truck Signs (Smith)** – Mr. Washington moved, seconded by Mr. Malinowski, to table this item. The vote in favor was unanimous.

#### ADJOURNMENT

The meeting adjourned at approximately 5:39 p.m.

Submitted by,

Norman Jackson, Chair

The minutes were transcribed by Michelle M. Onley

# Richland County Council Request of Action

**Subject**

A Resolution in Support of Dirt Road Paving Design [pages 8-10]

**Reviews**

## Richland County Council Request of Action

**Subject:** A Resolution in support of dirt road paving design

### A. Purpose

County Council is requested to consider a Resolution in support of dirt road paving design.

### B. Background / Discussion

Councilman Kelvin Washington made a motion at the February 1, 2011 Council meeting for a resolution in support of dirt road paving design. The Resolution in support of dirt road paving design was submitted by the Richland County Transportation Committee.

### C. Financial Impact

None.

### D. Alternatives

1. Approve the Resolution.
2. Approve an amended Resolution.
3. Do not approve the Resolution.

### E. Recommendation

This request is at Council's discretion.

Recommended by: Councilman Kelvin Washington

Date: February 1, 2011

### F. Reviews

(Please **SIGN** your name, ✓ the appropriate box, and support your recommendation before routing. Thank you!)

#### Public Works

Reviewed by: Don Chamblee

Date:

✓ Recommend Council approval

Recommend Council denial

Comments regarding recommendation:

**Finance**

Reviewed by: Daniel Driggers

Date: 2/12/11

 Recommend Council approval Recommend Council denial

Comments regarding recommendation: Council discretion

**Legal**

Reviewed by: Larry Smith

Date:

 Recommend Council approval Recommend Council denial

Comments regarding recommendation: Council discretion

**Administration**

Reviewed by: Sparty Hammett

Date: 2/16/11

 Recommend Council approval Recommend Council denial

Comments regarding recommendation: Council discretion

A RESOLUTION IN SUPPORT OF DIRT ROAD PAVING DESIGN  
SUBMITTED BY: Richland County Transportation Committee

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WHEREAS, the most recent study documents that the County maintains dirt and unpaved roads totaling 202 miles in all Districts throughout the County; and

WHEREAS, the Citizens of Richland County residing on these dirt and gravel roads experience lower serviceability and diminished utility from these unpaved roads; and

WHEREAS, airborne dust and particulate matter are aggravated on dirt roads as compared to paved roads and represent undue nuisance which include health and safety hazards for Citizens living in communities having dirt roads; and

WHEREAS, the County invests financial and capital resources on a perpetual basis to maintain service and re-gravel the unpaved road inventory and historically lacks the capital to improve them to traditional road paving standards; and

WHEREAS, the cost to improve unpaved roads to new construction standards as per County Ordinance has been cost prohibitive, resulting in almost no progress being made to pave dirt roads; and

WHEREAS, in 2008, the County engaged an engineering study that developed compelling evidence that led to implementation of new and economical Low Volume Paving Standards that were enacted to Ordinance in 2009; and

RESOLVED, that the Council recognizes the Richland County Transportation Committee's (CTC) offer to provide "C" funds to carry out a pilot design and construction program that includes planning, community involvement engineering design and construction phase for dirt road paving in accordance with new low volume paving Ordinances with mileage to be defined by the CTC based on C-fund levels; and be it further

RESOLVED, that the Richland County Council endorses the CTC's funded effort and selection and pledges that the County will cooperate to the fullest extent practical, will participate and support the project to achieve its goals and objectives.

RESOLVED, the County recognizes the CTC intent to fund this effort without undue delay; and be it further

RESOLVED that the Council adopts this resolution and instructs the Counties support its immediate implementation.

# Richland County Council Request of Action

**Subject**

Placing the Recreation Commission under County Council [pages 12-15]

**Reviews**

# Richland County Council Request of Action

**Subject:** Placing the Recreation Commission under County Council

## A. Purpose

A resolution supporting Representative Jim Harrison's pre-filed bill to have the Recreation Commission to fall under the jurisdiction of Richland County Council [JACKSON]

## B. Background / Discussion

Councilman Jackson made this motion at the January 18<sup>th</sup> Council meeting based on a bill sponsored by Rep Harrison and Rep Brady at the 119<sup>th</sup> Gen. Assembly, January 11, 2011. The draft resolution and Rep. Harrison's bill are attached.

## C. Financial Impact

The Financial impact of this resolution has not been determined at this time.

## D. Alternatives

1. Approve the resolution supporting Representative Jim Harrison's pre-filed bill.
2. Do not approve the resolution supporting Representative Jim Harrison's pre-filed bill.

## E. Recommendation

Recommended by: Councilman Norman Jackson  
Date: January 18, 2011

Department: County Council

## F. Reviews

(Please **SIGN** your name, ✓ the appropriate box, and support your recommendation before routing. Thank you!)

### Finance

Reviewed by: Daniel Driggers

Date: 2/10/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion

### Legal

Reviewed by: Larry Smith

Date:

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion

### Administration

Reviewed by: J. Milton Pope

Date: 2-16-11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Recommend support of the Council having the option of transferring assets of a Special Purpose District to the County.

Item# 3



**South Carolina General Assembly**  
119th Session, 2011-2012

Download [This Bill](#) in Microsoft Word format

~~Indicates Matter Stricken~~  
~~Indicates New Matter~~

**H. 3143****STATUS INFORMATION**

General Bill  
Sponsors: Reps. Harrison and Brady  
Document Path: I:\council\bill\ms\7023ahb11.docx

Introduced in the House on January 11, 2011  
Currently residing in the House Committee on **Judiciary**

Summary: Special purpose district

**HISTORY OF LEGISLATIVE ACTIONS**

Date	Body	Action Description with journal page number
12/7/2010	House	Prefiled
12/7/2010	House	Referred to Committee on <b>Judiciary</b>
1/11/2011	House	Introduced and read first time ( <a href="#">House Journal-page 61</a> )
1/11/2011	House	Referred to Committee on <b>Judiciary</b> ( <a href="#">House Journal-page 61</a> )
1/12/2011	House	Member(s) request name added as sponsor: Brady

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**VERSIONS OF THIS BILL**

12/7/2010

(Text matches printed bills. Document has been reformatted to meet World Wide Web specifications.)

**A BILL**

TO AMEND THE CODE OF LAWS OF SOUTH CAROLINA, 1976, BY ADDING SECTION 6-11-2025 SO AS TO REQUIRE THE GOVERNING BODY OF A SPECIAL PURPOSE DISTRICT CREATED BY ACT OF THE GENERAL ASSEMBLY, THAT PROVIDES RECREATIONAL SERVICES AND HAS AS ITS BOUNDARY THE SAME AS THE COUNTY IN WHICH IT IS LOCATED, TO BE APPOINTED BY THE GOVERNING BODY OF THE COUNTY AND TRANSFER ITS ASSETS AND LIABILITIES TO A COUNTY BY ORDINANCE OF THE GOVERNING BODY OF THE COUNTY, AND TO PROVIDE FOR CALCULATING THE MILLAGE LIMITATION FOR A COUNTY WHEN A SPECIAL PURPOSE DISTRICT TRANSFERS ITS ASSETS AND LIABILITIES TO A COUNTY.

Be it enacted by the General Assembly of the State of South Carolina:

SECTION 1. Article 15, Chapter 11, Title 6 of the 1976 Code is amended by adding:

"Section 6-11-2025. (A) Notwithstanding the provisions of this article, the governing body of a special purpose district must be appointed by the governing body of the county in which the district is located if it:

- (1) is created by act of the General Assembly;
- (2) provides only recreational services; and
- (3) has boundaries that consist of the entirety of the unincorporated area of the county.

(B) After the appointment as provided in this section occurs, the governing body of the county may transfer, by ordinance, all assets and liabilities of the district to the county. The district then becomes a department of the county and all powers, duties, and responsibilities of that district must be determined by the governing body of the county. The governing body of the county may reconstitute the board of the district as it determines.

(C) For purposes of calculating the millage limitation imposed pursuant to Section 6-1-320 for a county, any millage for operating purposes imposed by the transferred district is considered to have been imposed by the county."

SECTION 2. This act takes effect upon approval by the Governor.

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This web page was last updated on January 18, 2011 at 10:47 AM

# Richland County Council Request of Action

**Subject**

Review of the Comprehensive Plan concerning the densities for the Lake Murray area of Richland County, as well as the Priority Investment Areas [pages 17-18]

**Reviews**

## **Richland County Council Request of Action**

**Subject:** Review of the Comprehensive Plan concerning the densities for the Lake Murray area of Richland County, as well as the Priority Investment Areas.

### **A. Purpose**

To direct staff to revisit the Comprehensive Plan concerning the densities for the Lake Murray area of Richland County, as well as the Priority Investment Areas to determine what action, if any, needs to be taken in those areas.

### **B. Background / Discussion**

On January 18, 2011, with unanimous consent, a motion was made by the Honorable Councilman Bill Malinowski to request that staff revisit the Comprehensive Plan concerning the densities for the Lake Murray area of Richland County as well as the Priority Investment Areas to determine what action, if any, needs to be taken in those areas.

Staff will analyze the existing and proposed residential densities, land uses and public facilities to evaluate the Future Land Use Map designations as well as the Priority Investment Areas.

Priority Investment Areas were considered based on projected growth/development, approved housing commercial and residential developments, the potential for redevelopment (infill, corridor planning), existing development, access to roads, availability of developable parcels, and the availability of water and sewer.

### **C. Financial Impact**

None

### **D. Alternatives**

1. Direct staff to revisit the Comprehensive Plan concerning the densities for the Lake Murray area of Richland County, as well as the Priority Investment Areas to determine what action, if any, needs to be taken in those areas.
2. Do not direct staff to revisit the Comprehensive Plan.

### **E. Recommendation**

This request is at Council's discretion.

Recommended by: Honorable Bill Malinowski

Date: 1/18/11

## F. Approvals

### Finance

Reviewed by Daniel Driggers:

Date: 2/9/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion. No financial impact indicated on ROA.

### Planning

Reviewed by: Anna Almeida

Date: 2/9/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation:

### Planning

Reviewed by: Amelia Linder

Date: 2/10/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion.

### Legal

Reviewed by: Larry Smith

Date:

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion

### Administration

Reviewed by: Sparty Hammett

Date: 2/16/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation:

# Richland County Council Request of Action

**Subject**

State of the County Address [pages 20-21]

**Reviews**

## Richland County Council Request of Action

**Subject:** State of the County Address

**A. Purpose**

Council is requested to consider the motion made at the February 1, 2011 Council Meeting, and direct staff as appropriate.

**B. Background / Discussion**

The following motion was made at the February 1, 2011 Council Meeting by Councilman Manning:

**Based on a fabulous idea by Councilman Norman Jackson, I move that County Council Institute a State of the County Address Like the State of the Union, State, and City.**

It is at this time that staff is requesting direction from Council with regards to this motion.

**C. Financial Impact**

There is no financial impact associated with this request at this time, as further information and direction from Council will need to be obtained before a financial impact can be determined.

**D. Alternatives**

1. Approve the motion and direct staff as appropriate.
2. Do not approve the motion.

**E. Recommendation**

By: Motion by Councilman Manning      Date: February 1, 2011 Council Meeting

**F. Reviews**

(Please replace the appropriate box with a ✓ and then support your recommendation in the Comments section before routing. Thank you!)

**Finance**

Reviewed by: Daniel Driggers

Date: 2/2/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: council discretion

**Legal**

Reviewed by: Larry Smith

Date:

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion

**Administration**

Reviewed by: Tony McDonald

Date: 2/3/11

Recommend Council approval

Recommend Council denial

Comments regarding recommendation: Council discretion.

# Richland County Council Request of Action

**Subject**

Utility Systems Oil, Fats and Grease Regulations [pages 23-34]

**Reviews**

## Richland County Council Request of Action

**Subject:** Utility Systems Oil, Fats and Grease Regulation

### **A. Purpose**

The purpose of this report is to obtain County Council's approval of the Oils, Fats and Grease Section of the Richland County Utilities Regulation Manual.

### **B. Background**

The Richland County Utilities Department is currently developing an industrial pretreatment program, revising the Department's Water and Sewer Regulation Manual and revising the Utilities Section of the Code of Ordinances. The implementation of the industrial pretreatment program and the incorporation of this program into the Code of Ordinances is a major undertaking with assistance being obtained from an outside consulting firm. Work is continuing daily on the project with the final completion expected within ninety (90) days.

### **C. Discussion**

One component of both the industrial pretreatment program and the water and sewer regulation manual is a section on oils, fats and grease. This section defines oils, fats and grease, establishes maximum limits for discharge into sewer systems and discusses pretreatment.

At the request of Councilman Malinowski, the current proposed version of the fats, oils and grease section of the regulation manual is attached for review and consideration by County Council. This section discusses the pretreatment of grease by the use and maintenance of grease interceptors/traps for certain types of commercial customers. It also establishes the frequency of grease removal from various types of grease interceptors/traps.

### **D. Alternatives**

1. Approve the oils, fats and grease section of the regulation manual as submitted.
2. Modify the section and approve.

### **E. Financial Impact**

The operation and maintenance of oils, fats and grease interceptors/traps will be at the expense of the commercial customers. The proper operation of grease interceptors/traps should lessen the impact of grease on the waste stream and reduce the wastewater collection system maintenance cost.

### **F. Recommendation**

It is recommended that County Council approve the oil, fats and grease section of the Richland County Water and Sewer Regulation Manual as drafted.

**Recommended by:** Andy H. Metts    **Department:** Utilities    **Date** 2/8/11

**G. Reviews**

Please indicate your recommendation with a  before routing to the next recipient. Thanks.

**Finance**

Reviewed by: Daniel Driggers

Recommend Council approval

Comments regarding recommendation:

Date: 2/9/11

Recommend Council denial

**Procurement**

Reviewed by: Rodolfo Callwood

Recommend Council approval

Comments regarding recommendation:

Date: 2/10/11

Recommend Council denial

**Legal**

Reviewed by: Larry Smith

Recommend Council approval

Comments regarding recommendation:

Date:

Recommend Council denial

**Administration**

Reviewed by: Sparty Hammett

Recommend Council approval

Comments regarding recommendation:

Date: 2/10/11

Recommend Council denial

## SECTION 8

### CONTROL OF FATS, OILS AND GREASE

#### 8.1 General

In an effort to curb overflows from grease accumulation in its sanitary sewer mains, the County Council adopts this Fats, Oils and Grease Control section. Any industrial, commercial or nonresidential facility connected to the sanitary sewer collection and treatment system involved in the preparation or serving of foods and other establishments with the potential to discharge fats, oils and greases will be subject to the conditions of the division.

The purpose of this section is to aid in the prevention of sanitary sewer blockages and obstructions from contributions and accumulation of fats, oils, and greases into the sanitary sewer system from industrial or commercial establishments, particularly food preparation and serving facilities.

In addition to the control of fats, oils, and grease each user shall take appropriate steps to prevent the discharge of petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin, including, but not limited to fuel oil; sludge; oil refuse; oil mixed with wastes other than dredged spoil; fats, oils or greases of animal, fish, or marine mammal origin; vegetable oils, including oil from seeds, nuts, fruits, or kernels; and other oils and greases, including synthetic oils and mineral oils in amounts that will cause interference or pass-through of the sewer collection and/or treatment systems.

#### 8.2 Definitions.

*Fats, oils, and greases:* Organic polar compounds derived from animal and/or plant sources that contain multiple carbon chain triglyceride molecules. These substances are detectable and measurable using analytical test procedures established in the United States Code of Federal Regulations 40 CFR 136, as may be amended from time to time. All are sometimes referred to herein as grease or greases.

*County:* County of Richland, South Carolina

*Food service establishments:* Those industrial, commercial or nonresidential establishments primarily engaged in activities of preparing, serving, or otherwise making food available for consumption by the public, such as restaurants, bars commercial kitchens, caterers, motels, hotels, schools, hospitals, cafeterias, prisons, correctional facilities, and residential health care institutions. These establishments

use one (1) or more of the following preparation activities: cooking by frying (all methods), baking (all methods), grilling, sautéing, rotisserie cooking, broiling (all methods), boiling, blanching, roasting, toasting, or poaching. Also included are infrared heating, searing, barbecuing, and any other food preparation activity that produces a hot, non-drinkable food product in or on a receptacle that requires washing. Those permanent facilities required to have a South Carolina Department of Health and Environmental Control food service license shall normally be included.

*Grease interceptor:* A structure or device designed for the purpose of removing and preventing fats, oils, and greases from entering the sanitary sewer collection system. These devices are often below-ground units in outside areas and are built as two- or three- chambered baffled tanks.

*Grease trap:* A device for separating and retaining waterborne greases and grease complexes prior to the wastewater exiting the trap and entering the sanitary sewer collection and treatment system. Such traps are typically compact under-the-sink units that are near food preparation areas.

*Minimum design capability:* The design features of a grease interceptor and its ability or volume required to effectively intercept and retain greases from grease-laden wastewaters discharged to the public sanitary sewer. All systems shall be designed such that no more than 100 mg/l of fats, oils, and/or grease shall be discharged to the public sewer system at any time.

*Neutralizing Device:* A tank or manufactured device installed to dilute or neutralize acids or corrosive liquids prior to discharge into collector lines. Such devices shall be automatically provided with a sufficient intake of diluting water or neutralizing medium, so as to make its contents non-injurious before being discharged into the collection system.

*Oil separator:* A device which serves to trap and retain oils or flammable liquid to prohibit the introduction into the sewer system by accident or otherwise.

*RCU:* Richland County Utilities

*Sand separator:* A device which is designed to trap sand and other solids and prohibit entry into the sewer system and may operate in conjunction with or as a component of a grease interceptor or oil separator.

*SCDHEC:* South Carolina Department of Health and Environmental Control

*User :* Any person, including those located outside the jurisdictional limits of the County, who contributes, causes or permits the contribution or discharge of wastewater into a publicly owned treatment works (POTW), including persons who contribute such wastewater from mobile sources, such as those who discharge hauled wastewater.

### **8.3 Wastewater discharge limitations.**

In addition to those items referenced in Section 8.1 generally, no user shall allow wastewater discharge from subject grease interceptor, grease trap, or alternative pretreatment technology to exceed one hundred (100) milligrams per liter of fats, oil and grease as measured by methods provided in 40 CFR 136.

### **8.4 Food service establishment permit requirement.**

All food service and other establishments with the potential of discharging wastewater containing fats, oils and grease to the Richland County Utilities sanitary sewer collection systems are to be permitted by the County and subject to the following requirements:

*1. Grease interceptor requirements:* All permitted food service and related establishments are required to install, operate, and maintain an approved type and adequately-sized grease interceptor necessary to maintain compliance with the objectives of the ordinance and related regulations. All grease interceptors must meet the requirements of the Richland County Utilities standards in addition to County building codes and the latest addition of the International Plumbing Code as adopted by the South Carolina Building Codes Council.

*2. Implementation:* All new service establishment facilities are subject to grease interceptor requirements. All such facilities must obtain prior approval from Richland County Utilities for grease interceptor design and sizing prior to submitting plans for a building permit. The grease interceptor must provide for a minimum hydraulic retention time of twenty four (24) minutes at actual peak flow or twelve (12) minutes at the calculated theoretical peak flow rate as predicted by the International Plumbing Code fixture criteria, between the influent and effluent baffles with twenty (20) percent of the total volume of the grease interceptor being allowed for sludge to settle and accumulate, identified hereafter as the sludge pocket.

Existing facilities with planned modification in plumbing improvements or not in accordance with the ordinance or RCU Public Sewer & Water Regulations and Specifications standards will be required to provide plans to comply with the grease interceptor requirements. All existing food service establishments, determined by RCU to have a reasonable potential to adversely impact the County's sewer systems will be notified of their obligation and provided with a compliance schedule to install a grease interceptor and related appurtenances.

3. The construction and location criteria for grease Interceptors shall be in accordance with Environmental Protection Agency (EPA) Guidance Document, "On site Wastewater Treatment and Disposal Systems," Chapter 8.

4. Prior to placing the grease interceptor and/or grease trap into operation the owner of the establishment shall request an inspection and shall be approved by RCU.

5. *Variance to install a grease trap in lieu of grease interceptor:* Grease interceptors required under this ordinance shall be installed unless RCU authorizes the installation of an indoor grease trap or other alternative pretreatment technology and determines that the installation of a grease interceptor would not be feasible. The food service establishment bears the burden of demonstrating that the installation of a grease Interceptor is not feasible. If an establishment desires, because of documented space constraints, an alternative to an out-of-building grease interceptor, the request for an alternative grease trap or location shall contain the following information. In addition to general information the following information must be provided by the food service establishment:

a. Location of Richland County Utilities sewer main and easement in relation to available exterior space outside building.

b. A schematic or plan of existing plumbing at or in a site that uses common plumbing for all services at that site.

c. Specific manufacturer literature on the proposed system.

d. Inability to pay for the required modifications shall not be deemed an acceptable reason for non-compliance.

## **8.5 Grease interceptor design requirements.**

1. Grease interceptor sizing and installation must be approved by RCU. The grease interceptor must provide for a minimum hydraulic retention time of twenty-four (24) minutes at actual peak flow or twelve (12) minutes at the calculated theoretical peak flow rate as predicted by the International Plumbing Code fixture criteria, between the influent and effluent baffles with twenty (20) percent of the total volume of the grease interceptor being allowed for sludge to settle and accumulate, identified hereafter as the sludge pocket. No interceptor total volume shall be less than 1000 gallons. The grease interceptor shall have a minimum of two (2) compartments with fittings designed for grease retention.

2. Grease interceptors shall be installed at a location where they shall be easily accessible for inspection, cleaning, and removal of intercepted grease. The grease interceptor may not be installed in any part of the building where food is handled. Location of the grease interceptor must meet the approval of RCU, and may require approval of the County building official and/or SCDHEC.

3. All grease Interceptors, whether singular or in series, must be directly accessible from the surface and must be fitted with an extended outlet sanitary tee

that terminates 6" to 12" above the tank floor. The minimum access opening dimensions shall be 18" x 18" or a minimum of 24" in diameter. Two (2) access openings (inlet and outlet) to underground traps are required and should be removable with ease by one person.

See typical detail for 1,000 gallon capacity trap in the detail section.

4. All below ground grease Interceptors must either be two-chambered or individual tanks in series. If two-chambered, the dividing wall must be equipped with an extended elbow or sanitary tee terminating 6" to 12" above the tank floor. An extended outlet sanitary tee must also be provided at the outlet of the second chamber. Both chambers must be directly accessible from the surface.

## **8.6 Grease interceptor Operation & Maintenance requirements.**

1. All such grease interceptors shall be serviced and emptied of accumulated waste content as required in order to maintain minimum design capacity or effective volume. These devices should be inspected at least monthly. Users who are required to maintain a grease interceptor shall:

a. Maintenance of grease traps/interceptors must include thorough pump-out and/or cleaning as needed by removing any accumulated grease cap and sludge pocket as often as necessary, up to and including daily, but at intervals of not longer than ninety (90) days at the user's expense. Grease interceptors shall be kept free of inorganic solid materials such as grit, rocks, gravel, sand, eating utensils, cigarettes, shells, towels, rags, etc., which could settle into this pocket and thereby reduce the effective volume of the grease interceptor.

b. If any skimmed or pumped wastes or other materials removed from a grease interceptor are treated in any fashion on site and reintroduced back into the grease interceptor as an activity of and after said on-site treatment, the user shall be responsible for the attainment of the established grease numerical limit of 100 mg/l on all discharges of wastewater from said grease interceptor into the County sanitary sewer collection and treatment system.

c. Operate the grease interceptor in a manner so as to maintain said device such that attainment of the grease limit is consistently achieved. Consistent shall mean any wastewater sample taken from the effluent of said grease interceptor shall be equal to or less than the limit stated in Section 8.3 Wastewater discharge limitations.

d. The use of biological or enzyme additives as a grease degradation agent is conditionally permissible, upon written approval by RCU. Any establishment using this method of grease abatement shall maintain the trap or interceptor in such a manner that attainment of the grease wastewater discharge limit, as measured from the trap's outlet, is consistently achieved. Upon determination that any such products has

caused interference with the County's collection and/or treatment systems the User shall be notified to immediately discontinue the use of any such products.

e. The use of automatic grease removal systems is conditionally permissible, upon prior written approval by the RCU. Any establishment using this equipment shall operate the system in such a manner that attainment of the grease wastewater discharge limit, as measured from the unit's outlet, is consistently achieved.

f. Richland County Utilities reserves the right to make determinations of the grease interceptor adequacy and need, based on review of all relevant information regarding grease interceptor performance, facility site and building plan review and to require repairs to, or modification or replacement of such units.

g. In no case shall the total accumulation of grease, oil, floating materials, and sediment be allowed to occupy more than twenty-five percent (25%) of the capacity of the first stage of the grease interceptor.

h. If sampling test results for an establishment are more than twenty-five percent (25%) of the wastewater discharge limit, and the establishment does not have an approved extension to its cleaning schedule, the establishment shall immediately clean and inspect the trap and will be required to clean its grease interceptor(s) at an interval of thirty (30) days or less, for a period of time to be determined by Richland County Utilities.

4. The user shall maintain a written record of trap maintenance for a minimum of three (3) years. All such records will be available for inspection by Richland County Utilities at all reasonable times. RCU may require the submittal of any maintenance contracts, hauling manifests, and cleaning records. Records shall include at a minimum the date of service, estimated volume removed, person and/or company performing the service, and the means and location of disposal. RCU reserves the right to observe any and all cleaning and maintenance activities whether performed by the User or a contracted operator.

5. Non grease-laden sources are not allowed to be connected to the sewer lines intended for grease interceptor service.

6. Access manholes, with a minimum diameter of twenty-four (24) inches, shall be provided over each chamber and sanitary tee. The access manholes shall extend at least to finished grade and be designed and maintained to prevent water inflow or infiltration. The manholes shall also have readily removable covers to facilitate inspection grease removal, and wastewater sampling activities.

### **8.7 Grease trap requirements.**

1. Upon approval by RCU, a grease trap complying with the provisions of this section may be installed instead of a grease interceptor. The grease trap must be

installed in the waste line leading from sinks, drains, and other fixtures or equipment in food service establishments where grease may be introduced into drainage or sewage system in quantities that can affect line stoppages or hinder sewage treatment or private sewage disposal.

2. Grease trap sizing and installation must be approved by RCU.

3. No grease trap shall be installed which has a stated flow rate of more than fifty-five (55) gallons per minute except when specifically approved by RCU.

4. Grease traps shall be maintained in efficient operating conditions by periodic removal of the accumulated grease. No such collected grease shall be introduced into any drainage piping or public sewer and shall be properly disposed or recycled in accordance with acceptable practices and all environmental regulations.

5. No food waste disposal unit or dishwasher shall be connected to or discharge into a grease trap.

6. Wastewater in excess of one hundred-forty degrees Fahrenheit (140° F / sixty degrees Celsius (60° C) shall not be discharged into a grease trap.

### **8.8 Requests for cleaning schedule extension.**

A food service establishment may apply to RCU for an extension of the required cleaning frequency set forth in the ordinance. The representative of the food service establishment who wishes to apply for the cleaning schedule extension shall notify RCU in advance of the intent to apply for the extension. RCU may grant an extension on a required cleaning frequency on a case-by-case basis where the User has demonstrated, with defensible analytical results, the specific grease interceptor or grease trap will produce an effluent in consistent compliance with the ordinance if such an extension is granted.

The notification of intent to apply for an extension shall include:

1. Facility information:

- a. The name and address of the facility;
- b. Name and telephone number of the facility contact;
- c. Normal business hours; and
- d. The type of business;

2. Treatment unit information:

- a. The type of treatment unit and the capacity in gallons;
  - b. A brief description of the treatment unit;
  - c. The time(s) of day the greatest hydraulic and organic loadings to the treatment unit normally occur;
  - d. The date of the most recent leaning and inspection of the unit;
  - e. A statement of the physical condition of the unit; and
  - f. Where applicable, the name of any treatment products used.
3. A proposed sampling schedule, including:
- a. The date(s) the User proposes to collect the samples;
  - b. The times each sample will be collected;
  - c. The name and telephone number of the person who will collect the samples, including qualifications; and
  - d. The name and telephone number of the laboratory which will analyze the samples and its SCDHEC laboratory identification number;
4. Other information as may be requested by RCU.

The User shall obtain approval of the proposed sampling schedule prior to initiation of the sampling and analyses. The User shall certify the sampling schedule will be carried out as submitted or as approved. RCU shall reserve the right to modify a sampling schedule as deemed necessary. The User shall be required to provide analytical results for not less than three (3) oil and grease analyses for samples collected during peak flow periods through the unit during the normal working hours of a twenty-four (24) hour period.

- a. Samples shall be collected at an approved sampling port and shall be collected by a qualified person properly trained in the collection and handling of wastewater samples.
- b. Samples shall be 45-60 days after the most recent cleaning.
- c. Samples shall be analyzed, separately, by a reputable laboratory approved by SCDHEC using approved analytical procedures.

d. The User shall submit a written request for a cleaning schedule extension, including:

e. A copy of the cleaning and maintenance records for the treatment unit for the previous twelve months;

f. A copy of the laboratory analytical reports, including quality control data and appropriate chains of custody;

g. Incomplete or unverifiable results shall not be considered. RCU may grant extensions to the cleaning schedule as follows:

5. A thirty (30) day extension may be granted where the average oil and grease concentration of the analyses is less than 66% of the concentration limit and no single concentration exceeded 70% of the concentration limit.

6. A sixty (60) day extension may be granted where the average oil and grease concentration of the analyses is less than 50% of the concentration limit and no single concentration exceeded 60% of the concentration limit.

7. A ninety (90) day extension may be granted where the average oil and grease concentration of the analyses is less than 33% of the concentration limit and no single concentration exceeds 50% of the concentration limit.

8. In no case shall an extension greater than ninety (90) days be granted. Extensions granted shall begin on the date the samples for which results were submitted were collected as documented on the chain of custody. Where an extension has been granted, the unit shall consistently produce an effluent incompliance with the terms of this or other applicable Ordinance. RCU shall reserve the right to collect and analyze samples of any User's discharge and may revoke, without notice, any extension where RCU believes it is in the best interest of the proper protection and operation of its collection and treatment systems.

9. Where an extension has been granted and any sample analysis indicates an exceedance of the oil and grease limitation by twenty-five (25%) percent or more, the User shall immediately clean and inspect the trap and shall return to the original cleaning schedule. Where the User has been required to return to an original cleaning frequency, the User shall be required to submit a new request for extension if desired.

10. Where an extension has been granted and any sample analysis indicates an exceedance of the oil and grease limitation of any magnitude by less than 25%, the User shall immediately clean and inspect the trap and shall decrease the maximum time between cleanings by at least thirty (30) days.

11. Where an extension has been granted and RCU must clean associated public sewer lines and the stoppage is traceable to or known or suspected to be caused by

the User's facility, the User shall immediately clean and inspect the trap and shall return to the original cleaning schedule. The User will be required to submit a new request for extension if desired.

## **8.9 Violation; penalties.**

Any person, establishment or entity which fails to comply with any of the regulations and requirements set forth in this section, including, but not limited to, cleaning grease interceptors or grease traps at necessary intervals, providing up-to-date cleaning logs, or which refuses to open grease interceptors or grease traps for inspections by RCU inspectors or exceeds discharge limits, is in violation of the ordinance, and is subject to the following penalties:

1. Notice of Violation: Richland County Utilities shall serve any person, establishment, or entity in violation of the ordinance with written notice stating the nature of the violation, and providing a reasonable time limit for satisfactory compliance. This shall not relieve the person, establishment, or entity of liability for any violations occurring before or after receipt of the notice of violation.

2. Compliance order: A compliance order is an order which directs the person, establishment, or entity to achieve or restore compliance by a particular date specified within the order. Terms need not be discussed with the person, establishment, or entity in advance.

3. Should the User after prior warning continue to discharge grease in violation of any notice or order, and the County initiated sewer system cleaning in order to restore a blockage or other malfunction of its collection or treatment systems, the individual, establishment, or entity responsible for causing the failure may be required to reimburse the County for actions taken to restore its systems. The cost of the cleaning plus a fifteen percent (15%) handling fee shall be added to the individual, establishment, or entity's sewer utility bill.

4. Termination of Services: Any user that violates this ordinance is subject to termination of sewer and/or water services. Such user will be notified of the proposed termination of its services and be offered an opportunity to show cause why the proposed action should not be taken.

5. Penalties: Any person, establishment, or entity who continues to violate any portion of this division of the ordinance is guilty of a misdemeanor and subject to a fine not to exceed five hundred (\$500.00) dollars, with each day of violation or noncompliance to constitute a separate offense. In conjunction with fines, the County is entitled to pursue all other criminal and civil remedies to which it is entitled under authority of statutes or other ordinances against a person, establishment, or entity continuing prohibited discharges.

# Items Pending Analysis

## **Subject**

- a. Curfew for Community Safety (Manning)
- b. Direct Staff to coordinate with DHEC and SCDOT a review of traffic signal timing improvements and synchronization in unincorporated Richland County and request a system of red/yellow flashing traffic signals be initiated to help reduce emissions. Unincorporated Richland County will also mandate ingress and egress turn lanes for all businesses and residential construction that would cause a slowdown of traffic on the road servicing the facility (Malinowski)
- c. Farmers Market Update (Council)
- d. Number of Animals Breeding and/or Stray Facilities (Malinowski)
- e. Review all Engineering and Architectural Drawing requirements to make sure there is no unnecessary charge or expense to citizens (Jackson)
- f. Review Homeowner Association covenants by developers and the time frame for transfer and the strength of the contracts (Jackson)
- g. To direct Public Works to review county ordinances and propose amendments that would allow the recovery cost to repair damage done to county public roads. The intent of this motion is to hold those responsible who damage the roadways due to the use of heavy vehicles, improperly prepared property or other uses for which the types of roadway was not intended (Malinowski)
- h. That Richland County enact a Tree Canopy Ordinance and inventory to preserve and enhance the number of trees in Richland County (Malinowski)

## **Reviews**