

South Central Wastewater Authority  
Hauled Waste Rules and Regulations

(revised January 14, 2016)



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## **Hauled Waste Rules and Regulations**

All persons issued a Septage Discharge Permit and/or Special Waste Discharge Permit (Permit for a one time discharge to the Authority) shall discharge liquid waste into the South Central Wastewater Authority in accordance with the following Rules and Regulations:

- 1) Each hauler will be required to obtain a Septage Discharge Permit for the discharge of residential liquid septage waste or portable toilet waste to the Authority facility. The terms of any Septage Discharge Permit will be until revoked by the Authority or permit expires.
- 2) A Special Discharge Permit (SDP) is required for wastewater discharged from sources other than residential or portable toilets. A SDP may be issued to the generator when it can be demonstrated, by sampling or inspection, that the waste is not toxic or hazardous and does not pose a threat to the biological process or physical structure of the treatment facility. The Special Discharge Permit Application must be submitted prior to delivery of the waste to the Authority and must be accompanied by a laboratory analysis showing the concentration of pollutants to be discharged. All laboratory procedures must conform to the requirements in 40 CFR Part 136. A SDP is issued for specific non-domestic discharges and the duration of the SDP will be only for that one non-domestic discharge.
- 3) All haulers applying for permits are required to first have a current Virginia Department of Health Sewerage Handling Permit. Each vehicle discharging to the Authority facility must also maintain current status with the VDH. A copy of these permit(s) must be provided to the Authority with the original permit application and annually as requested by the Authority. Any vehicle or hauler whose VDH permit has expired will have their discharge privileges suspended until the VDH permit is renewed. Any vehicle that is not properly identified on the permit application will not be allowed to discharge.
- 4) No hauler will be allowed to discharge to the facility without a permit as described above. There shall be no hazardous or toxic waste discharged into the facility as defined by 40 CFR 261. The Authority only accepts septic tank waste, portable toilet waste, or landfill leachate originating from within a fifteen (15) mile perimeter of the jurisdictions served by the Authority: Petersburg, Colonial Heights, Chesterfield County, Dinwiddie County, and Prince George County. Waste from outside this perimeter will not be accepted.
- 5) All hauled liquid waste shall be discharged at the septage receiving facility at the plant at 900 Magazine Road, Petersburg, Virginia. Discharge of hauled waste at any other location on the plant site, or in any jurisdiction manhole, pump station, or other sewer appurtenance is prohibited. Upon entering the plant, the driver will notify Authority personnel and present a Hauled Liquid Waste manifest. The manifest shall be completed as required before discharging. Incomplete manifests will not be accepted.
- 6) All septage haulers applying for permits to discharge will be subject to reference checks at other local treatment facilities. Any hauler found to have violated permit conditions at another facility may be considered ineligible to be issued a discharge permit. Any hauler found to have outstanding unpaid balances at another facility may be required to pay at the time of discharge.
- 7) An invoice will be sent by the Authority once a month to all persons who discharged during the previous month. The invoice shall be paid within 30 days. A hauler who is 45 days or more behind in payments will not be allowed to discharge until the bill is paid in full. Such haulers may also be required to pay at the time of discharge upon restoration of their discharge privileges. Any hauler who has a check returned for lack of funds will be required to pay any fees charged by the Authority's bank and may have their discharge privileges suspended, be required to pay by cash, cashier's check, or money order, and/or be required to pay at time of discharge. Rates and charges will be set by the Authority and are subject to change. The Authority will not accept cash for payment at the time of discharge unless a hauler is required to pay at time of discharge and is otherwise disqualified from paying by check.
- 8) All Vehicles discharging hauled liquid waste must display, with a minimum of 4" letters on both sides of the vehicle, (1) the name and address of the owner, (2) The Department of Health permit number and the truck number. Failure to display this information shall be cause for rejection of discharges into the treatment facility.

- 9) The Authority will accept hauled liquid waste on Monday through Saturday, 6:00 A.M. to 8:00 P.M. There are to be no deliveries on Sunday.
  
- 10) Samples of the hauled liquid waste discharge will be collected and analyzed by the Authority's laboratory to ensure compliance with approved discharge local limits. Haulers are responsible for weighing in and out of the facility per the Discharge Procedures. Failure to weigh in or out will result in assessment of a charge for a full truckload. Failure of the hauler to leave a sample will result in assessment of a charge of a full truck load and may result in suspension of permit.
  
- 11) Haulers found to be discharging a waste not in conformance with these Rules and Regulations will be issued a Notice of Violation, may have their permits suspended or revoked, and will be subject to additional fees associated with remediation of the resulting disruption. It is the responsibility of the driver for cleanup of any spills at the discharge site at the Authority. Failure to do so may result in suspension or revocation of the permit.
  
- 12) Any hauler who is found to have falsified information on their application, manifest, or other documentation shall have their permit revoked, and may be subject to fines and penalties in the event of an interruption of normal plant operations of treatment.
  
- 13) In the event that a load is discharged that upsets the biological process or harms the physical facilities of the treatment plant and the hauler is found to have discharged in violation of permit conditions, the hauler will be subject to revocation of their discharge permit and a recovery charge based on the cost to remedy any harm caused by the violation, including administrative cost and the cost of cleaning, repairing or replacing any facilities harmed thereby, as determined by the Authority Board.
  
- 14) Any changes to information supplied on the permit application must be reported to the Authority c/o the Assistant Executive Director at:

South Central Wastewater Authority  
900 Magazine Road  
Petersburg, VA 23803  
Phone: 804-861-0111  
Fax: 804-861-2734

# **APPENDIX A**

## **DEFINITIONS:**

TSS - Total Suspended Solids

BOD<sub>5</sub> - Biochemical Oxygen Demand

COD - Chemical Oxygen Demand

Domestic Septage - Any material classified as from normal domestic/dwelling type facilities that does not contain industrial discharges/materials and will have average concentrations as follows:

COD - 15,000 Mg/l

BOD<sub>5</sub> - 7,000 Mg/l

TSS - 15,000 Mg/l

Total Phosphorous - 250 Mg/l

Ammonia-Nitrogen - 150 Mg/l

Total Kjeldahl Nitrogen - 700 Mg/l

Hazardous Waste/Septage – Includes, but is not limited to, the following gasoline, benzene, fuel oils, combustible materials, flammable materials, solids/gases or any other material that may create a fire or explosive condition in the treatment facility, strong acids or bases, pesticides, herbicides, material that produce toxic gases and/or vapors in the treatment facility, phenols or any hazardous/toxic materials that could be detrimental to the biological process of the treatment facility.

Industrial Waste - Any waste as regulated under section 307(b), (c) or (d) of the Clean Water Act which discharges non-domestic pollutants.

Milligrams per liter (Mg/l) - The same as parts per million and is a weight to volume ratio; the milligrams per liter multiplied by 8.34 shall be equivalent to pounds per million gallons.

SCWWA - South Central Wastewater Authority

Septage Surcharge - The charge made in excess of the user charge for all septage over and above as defined as normal septage.

Septage Charges - The charge made to Indirect Septage Dischargers who discharge normal septage into the South Central Wastewater Authority, See Appendix F.

**APPENDIX B**

**SOUTH CENTRAL WASTEWATER AUTHORITY  
SEPTAGE DISCHARGE PERMIT**

Permit No. \_\_\_\_\_

Permission is hereby granted to the organization listed below for the discharge of truck-hauled septage to the South Central Wastewater Authority according to the limitations contained in the South Central Wastewater Authority Septage Hauler Rules and Regulations. *(See Hauled Waste Manifest form)*

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Phone Number: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

Title: \_\_\_\_\_

Effective Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

This Permit is granted based upon information provided in the Permit Application, which is considered part of this permit.

\_\_\_\_\_  
James C. Gordon  
Assistant Executive Director  
South Central Wastewater Authority

\_\_\_\_\_  
Date

**APPENDIX C**

**SPECIAL WASTE DISCHARGE PERMIT  
GENERAL**

Permit No. **SP-**\_\_\_\_\_

Permission is hereby granted to the organization listed below for the discharge of hauled Special Waste to the South Central Wastewater Authority according to the limitations contained in the South Central Wastewater Authority Septage Hauler Rules and Regulations and this Special Discharge Permit. *(See Hauled Waste Manifest form)*

Company Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone Number: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

Title: \_\_\_\_\_

Description of Special Discharge Wastestream: \_\_\_\_\_

\_\_\_\_\_

This Permit is granted based upon information provided in the Special Discharge Permit Application, which is considered part of this permit. Changes to the chemical composition of these waste not included in the permit application must be communicated to the Authority prior to delivery and may require modification of these permit Terms and Conditions to protect the treatment facility.

Effective Date: \_\_\_\_\_

Expiration Date: \_\_\_\_\_

\_\_\_\_\_  
James C. Gordon  
Assistant Executive Director

\_\_\_\_\_  
Date

**Part 1 – Wastewater Discharge Limitations**

The permittee shall comply with the discharge limitations as referenced below.

Conventional Pollutants	Local Limitations (mg/l)	Sample Type
Cadmium, Total	0.250	Grab
Chromium, Total	1.920	Grab
Copper, Total	4.95	Grab
Lead, Total	2.219	Grab
Nickel, Total	3.442	Grab
Zinc, Total	3.690	Grab
TSS	NL	Grab
BOD5	NL	Grab
COD	NL	Grab
Ammonia-Nitrogen	NL	Grab
Nitrogen, Total	NL	Grab
Phosphorous, Total	NL	Grab
pH Maximum	11.5	Grab
pH Minimum	5.5	Grab
Chlorides, Total	2500	Grab
Cyanide, Total	2.0	Grab
Oil and Grease, Total (EPA 1664)	500	Grab
Oil and Grease, TPH (EPA 1664)	NL	Grab
Oil and Grease, FOG (calc)	NL	Grab

Discharge Specific Pollutant	Limitations (units)	Sample Type

PCC – Local Limitations  
 NL – No Limitation

In addition, all other effluent limitations and general discharge prohibitions set forth in the SCWWA Wastewater Regulations and all applicable Federal and State limitations shall be met.

**Part 2 – Sample Site**

Samples shall be collected at the point of discharge to the Authority Wastewater treatment system, unless otherwise designated within this Special Discharge Permit.

**Part 3 – Self-Monitoring**

The Generator shall provide, at the generator's expense, current sampling results of the Special waste to confirm compliance with those limitations listed in Part 1 of this Special Discharge Permit .



Additional sampling and analysis, at the expense of the Authority, may be required to confirm ongoing compliance with discharge limitations. In general, these results shall address the toxicity of the Special waste on the wastewater treatment plant biota, including nitrifiers and denitrifiers, and the toxicity of the Special Waste to treatment plant effluent. This Requirement is Mandatory.

#### Part 4 – Conditions of Disposal & Treatment

The Permittee shall take all steps necessary and appropriate to prevent adverse effects to wastewater treatment plant processes to include, but not limited to, the following conditions.

- 1.) Notification of the Wastewater Authority is required at least 72 hrs prior to delivery of the special waste to the wastewater Authority.
- 2.) The total discharge of Special Waste delivered to the Authority shall not exceed \_\_\_\_\_ gallons within one 24 hr period.
- 3.) Delivery to the Authority shall occur during peak flow conditions (6AM-6PM) to minimize potential adverse impacts to the treatment process.
- 4.) Delivery to the treatment works shall not exceed \_\_\_\_\_ gallons within any seven (7) days. Delivery shall be limited to Monday through Thursday to allow for 24 hr composite sampling of final plant effluent by treatment plant personnel.

#### Part 5 – Treatment Plant Upset

In the event the wastewater treatment plant experiences any upset or reduction in operating efficiency during the execution of this permit, the generator shall immediately suspend all delivery of permitted Special Waste. The Special Waste generator shall continue delivery only after problems at the wastewater treatment plant have been corrected to the Authority's satisfaction.

# APPENDIX D

## South Central Wastewater Authority Industrial Pretreatment Discharge Monitoring

The following list refers to current Local Limits applied to all discharges to the South Central Wastewater Authority (local POTW also referred to as SCWWA). While the parameters listed are the most commonly encountered characteristics of industrial discharges, approval for discharges to the sanitary sewer must be formally requested from the local Pretreatment Coordinator through submission of an **Application for Industrial Pretreatment Discharge Permit**.

(available upon request)

### National Pretreatment Standards: Prohibited Discharges

Source: 40 CFR 403.5 (July 2006)

- 1.) General Prohibitions. A user may not introduce into a POTW any pollutant(s) which cause Pass Through or Interference.
- 2.) Specific Prohibitions. The following pollutants may not be introduced to the Sanitary Sewer/POTW.
  - a.) Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21.
  - b.) Pollutants which will cause corrosive structural damage to the Sanitary Sewer/POTW, but in no case discharges with pH lower than 5.5 su.
  - c.) Solid or viscous pollutants in amounts which will cause obstruction to flows in the sanitary sewer/POTW resulting in interference.
  - d.) Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.
  - e.) Heat in amounts which will inhibit biological activity in the POTW resulting in Interference, but in no case heat in such quantities that the temperature at the Treatment Plant exceeds 40°C (104°F).
  - f.) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.
  - g.) Pollutants which result in the presence of toxic gases, vapors, or fumes within the Sanitary Sewer/POTW in a quantity that may cause acute worker health and safety problems.
  - h.) Any trucked or hauled pollutants, except at discharge points designated by the POTW.
- 3.) Each POTW with an approved Pretreatment Program in accordance with 40 CFR 403.8 must develop and enforce specific limits to implement the prohibitions as listed above.
- 4.) In cases where pollutants contributed by User(s) result in interference or pass through, and such violation is likely to recur, develop and enforce specific effluent limits for Industrial User(s), and all other users, as appropriate, which, together with appropriate changes in the POTW in the

Sanitary Sewer/POTW's facilities or operation, are necessary to ensure renewed and continued compliance with the POTW's NPDES permit or sludge use or disposal practices.

- 5.) Specific limits shall not be developed and enforced without public notice to persons or groups who have requested such notice and an opportunity to respond.
- 6.) Local limits. Where specific prohibitions or limits on pollutants or pollutant parameters are developed by a POTW, in accordance with sections (4) and (5) above, such limits shall be deemed pretreatment standards for the purposes of section 307(d) of the Clean Water Act.

### CURRENT LOCAL LIMITS

Parameter	Daily Maximum (mg/L)
Cadmium, Total	0.250
Chromium, Total	1.920
Copper, Total	4.950
Lead, Total	2.219
Nickel, Total	3.442
Zinc, Total	3.690
Silver, Total	NL*
TSS	NL
BOD <sub>5</sub>	NL
COD	NL
Phosphorus, Total	NL
pH Minimum	5.5
pH Maximum	11.5
Chlorides, Total	2500
Oil & Grease, FOG (Calc)	300*
Oil & Grease, TPH (EPA 1664, (SGT-HEM))	100*
Cyanide, Total	2.0
Ammonia-Nitrogen	NL
Nitrogen, Total	NL
Flash Point Minimum (closed cup)	≤140° F or ≤60° C
Temperature, Maximum	150° C

\* Discharge permit effective before August 20, 2009 are required to meet 300/100 mg/l discharge standard beginning January 1, 2014. All new users, with start up after August 20, 2009 are required to meet the 300/100 mg/l discharge standard upon start up of wastewater discharge.

**APPENDIX E**

**Manifest Sample**

**Hauled Waste Manifest**

**Scale Card #:**

**South Central Wastewater Authority**  
 900 Magazine Road, Petersburg, Virginia 23803  
 804-861-0111 – Fax 804-861-3254

Source: 40 CFR 403.5 (July 2006)

*POTW, as stated below, refers to the South Central Wastewater Authority Sewage Treatment Plant located at 900 Magazine Road, Petersburg, VA. The sanitary sewer is not under the jurisdiction of the Authority.*

<b>GENERATOR Info</b>	Generator Name: _____		Generator Address: _____		
	Generator Phone: _____		City: _____	State: _____ Zip: _____	
<b>Waste Type &amp; Volume</b> (Check all Applicable)			<input type="checkbox"/> Mixed Load		
<b><u>Domestic Waste</u></b>					
<input type="checkbox"/> Household Septic Tank _____ gallons					
<input type="checkbox"/> Portable Toilet (Port-a-John) _____ gallons					
<b><u>Non-Domestic Waste</u></b>					
<input type="checkbox"/> Commercial Septic _____ gallons					
<input type="checkbox"/> Landfill Leachate _____ gallons					
<b><u>Industrial Waste – Special Discharge Permit Required</u></b>					
<input type="checkbox"/> Industrial Wastewater _____ gallons					
<input type="checkbox"/> Wastewater Treatment Plant Sludge _____ gallons <small>(i.e. Digester, WAS, RAS, etc.)</small>					
<input type="checkbox"/> Other _____ gallons <small>(Specify Source and Type)</small>					
<input type="checkbox"/> Special Discharge Permit # _____ Exp. Date: ____/____/____ <small>(See Reverse)</small>					
<small>(not required for domestic waste)</small> As the representative for the generator of this hauled waste, I certify that the information provided is true and correct; and that this waste is to be transported to a facility authorized by the Virginia Department of Environmental Quality (VADEQ) to receive these wastes.					
Printed Name: _____		Signature: _____		Date: _____	
<b>TRANSPORTER Info</b>	Business Name: _____		Address: _____		
	Phone: _____		City: _____	State: _____ Zip: _____	
	Driver Name: _____		Permit #: _____	Health Dept. Permit #: _____	
	As the representative for the transporter of this waste, I certify that the information provided is true and correct and properly characterized; and that this waste was collected and discharged in accordance with SCWWA Hauled Waste Rules and Regulations.				
Driver Name: _____		Signature: _____			
Sample Date: _____		Time: _____			

1. **General Prohibitions.** A user may not introduce into a POTW any pollutant (s) which cause Pass Through or Interference.
2. **Specific Prohibitions.** The following pollutants may not be introduced to the Sanitary Sewer/POTW.
  - a.) Pollutants which create a fire or explosion hazard in the POTW, including, but not limited to, wastestreams with a closed cup flashpoint of less than 140° Centigrade using the test methods specified in 40 CFR 216.21.
  - b.) Pollutants which will cause corrosive structural damage to the Sanitary Sewer/POTW, but in no case discharges with pH lower than 5.5 su.
  - c.) Solid or viscous pollutants in amounts which will cause obstruction to flows in the Sanitary Sewer/POTW resulting in interference.
  - d.) Any pollutant, including Oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW.
  - e.) Heat in amounts which will inhibit biological activity in the POTW resulting in Interference, but in no case heat in such quantities that the temperature at the POTW Treatment Plant exceeds 40°C (104°F).
  - f.) Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.
  - g.) Pollutants which result in the presence of toxic gases, vapors, or fumes within the Sanitary Sewer/POTW in a quantity that may cause acute worker health and safety problems.
  - h.) Any trucked or hauled pollutants, except at discharge points designated by the POTW.

**Attendant Initials:** \_\_\_\_\_ **Analyst:** \_\_\_\_\_  
**Analysis Date:** \_\_\_\_\_

**pH** \_\_\_\_\_ SU (Ref. SOP 5.2.1)  
 (Local Limit = 5.5 - 11.5 su) **Notes:**

- Total Residual Chlorine (TRC) (VPDES)
- Phosphorus, Total (VPDES)
- Ortho-phosphorus (VPDES)
- Ammonia-N (NH<sub>3</sub>-N) (VPDES)
- Total Suspended Solids (TSS) (VPDES)
- BOD/CBOD<sub>5</sub> (VPDES)
- E coli (VPDES)
- EPA 503 list (VPDES)
- Whole Effluent Toxicity (VPDES)
- Volatile Fatty Acids
- Alkalinity
- Chemical Oxygen Demand (COD)
- Dissolved Oxygen (VPDES)
- Total Nitrogen (VPDES)
- Other: \_\_\_\_\_

## APPENDIX F

### Septage Rates

The Board of Directors of the South Central Wastewater Authority after a public hearing on June 15, 2006, adopted the following septage rates effective July 1, 2006.

Septage	500 gallons (or less)	\$25.00
	501 gallons (or more)	\$0.05/gallon
Phosphorus	>3,000 mg/L	\$150.00/1000 gallons or part thereof
Storm Water		\$14.25/10,000 gallons or part thereof

The gallons will be determined by dividing the net weight from scaling by 8.34.

# APPENDIX G

## DISCHARGE PROCEDURE & WEIGH SCALE INSTRUCTIONS

### Inbound

1. Drive truck onto Scale
2. Press (Weigh)
3. The screen will display Vehicle ID#
4. Enter Vehicle ID# (If an error is made, press escape, press weigh and enter vehicle ID# again.)

(Display)

Vehicle ID# <u>XXXXXXXXXX</u>
-------------------------------

5. Press **Enter**. (If Vehicle ID# is correct)
6. The screen will display

(Display)

ID# <u>XXXXXXXXXX</u>	Company Name
Inbound Weight:      XXXXX lbs.	
Escape = cancel	Enter = In yard

7. Press **Enter**
8. In Log Book, enter date, card number, carrier, and inbound weight.
9. Stop at lab to alert attendant on duty (if outside of the hours of 7am to 3pm Mon-Fri, alert the operator on duty by calling (804) 586-7421). **IF COMING OUTSIDE OF HOURS OF 7AM TO 3PM MON-FRI, DRIVERS ARE ADVISED TO CALL AHEAD TO AVOID DELAYS.**
10. Attendant will verify load manifest is complete and all forms are complete.
11. Proceed to Septage Receiving Station with attendant and discharge once cover is unlocked and valve is open.
12. Collect grab sample of load while discharging before flow enters screw conveyor. Label sample. Label must match information on manifest.
13. Upon completion of discharge, attendant will close valve and lock station.
14. Complete Septage Manifest and leave at Lab.
15. Fill out label on sample bottle and leave sample bottle in refrigerator in Lab.

**Outbound**

1. Drive truck onto Scale
2. Press (Weigh)
3. The screen will display Vehicle ID#

Vehicle ID# XXXXXXXXXX

4. Enter Vehicle ID# (If an error is made, press escape, press weigh and enter vehicle ID# again.)
5. Press **Enter** (If Vehicle ID# is correct)
6. The screen will display

(Display)

<b>ID#</b> <u>XXXXXXXXXX</u>	<b>Company Name</b>
<b>Inbound Weight:</b> XXXXX lbs.	
<b>Outbound Weight:</b> XXXXX lbs.	
<b>Escape = cancel</b>	<b>Enter = Leave</b>

7. Press **Enter** (Receipt will print, take receipt)
8. In Log Book, enter outbound weight

**NOTE:**      **If a wrong number is entered, display will say (see supervisor). Wait, system will clear. Start with No. 2 and enter correct Vehicle ID#.**