



OIL WATER SEPARATOR POLICY (Requirements)

AUTHORITY

City of Charlotte Sewer Use Ordinance Synopsis (see actual Ordinance for full language)
Sec. 23-79. Prohibited discharge standards.

- (a) *General prohibitions.* No user shall discharge or cause to be discharged into the POTW any pollutant or wastewater which causes interference or pass through. The general prohibitions in this section apply to all users of the POTW.
- (b) *Specific prohibitions.* No user shall discharge or cause to be discharged into the POTW the following:
 - (16) Petroleum oil, non-biodegradable cutting oil, synthetic oil, or products of mineral oil origin, in amounts that will cause interference or pass through.
 - (18) Any pollutant that will emulsify grease or oil or cause grease or oil to solidify or become more viscous.

All other prohibited discharges as listed in the Sewer Use Ordinance, Article III, Section 23-79 shall apply.

GENERAL REQUIREMENTS

1. Every user with the potential to discharge one or more of the following pollutants into the POTW, as determined by CLTWater, shall be required to install an oil/water separator and grit interceptor approved by CLTWater: oil, kerosene, gasoline, naphtha, wax, tri-sodium phosphate and any light-density and volatile liquid. Substances that will emulsify oil or grease shall not be used in any oil/water separator required.
2. Every user required to install an oil/water separator shall install a grit interceptor approved by CLTWater and Mecklenburg County Code Enforcement. Every vehicle wash facility shall install an oil/water separator and a grit interceptor approved by CLTWater and Mecklenburg County Code Enforcement. A grit interceptor required by the SUO or other applicable law shall be installed in a drainage line so that wastewater flows into the grit interceptor before entering an oil/water separator installed in accordance with this policy. Establishments where oil & grease handling facilities are not in accordance with this standard, a compliance schedule shall be given with a deadline not to exceed 6 months for compliance.
3. Wastewater, grease, grit and other materials removed in any manner from facilities required by the SUO or other applicable law shall be disposed of in accordance with applicable law and shall not be discharged directly or indirectly into the POTW or otherwise placed back into such facilities under any circumstances.
4. All facilities with oil/water separators, grit interceptors and other approved facilities are required to maintain records concerning the dates and manner of its inspection, maintenance and repair of such facilities; and of its disposal of all wastewater, grease, oil, grit and other materials removed from such facilities in accordance with applicable law. Such records shall be kept on site for a minimum of three years and be made available upon request.
5. Oil/water separators, grit interceptors other approved facilities required by the SUO or other applicable law shall be designed and installed so that all portions are easily accessible for inspection, maintenance and sampling of the effluent from such facilities.
6. Every user required by the SUO or other applicable law to install oil/water separators shall adopt and implement procedures for the operation thereof. Notice of such



procedures shall be permanently posted on the user's bulletin board or other prominent place.

7. Every user required to install oil/water separators by the SUO or other applicable law shall adopt and implement a waste control plan based on best management practices for the disposal of grease, oils, solids and sludge removed from oil/water separators.
8. All facilities with oil/water separators shall be subject to periodic review, evaluation and inspection by CLTWater representatives at any time. Results of inspections will be given an overall rating, which may include recommendations for correction and/or improvement where necessary.
9. A vehicle wash facility shall be designed, constructed, operated and maintained to prevent any direct or indirect entry of stormwater into the POTW.
10. All vehicle wash facilities must comply with grit interceptor and oil/water separator requirements. If the vehicle washing is not performed inside a building, then a canopy must cover the complete wash-bay area. The perimeter of the wash-bay must have a berm, dike or curbing to exclude storm water infiltration from surrounding areas into the sanitary sewer. The wash-bay must be sloped to a center drain that flows to the sanitary sewer.
11. Plans and drawings of proposed Oil/Water separator must be submitted to Mecklenburg County Code Enforcement and CLTWater before installation to approve equipment, manhole, etc.
12. All Establishments that are required to install oil/water separators shall have written standard operating procedures for that equipment posted in a location accessible to all operating personnel.
13. Oil/water separators shall be pumped out and cleaned, at a minimum when 75% of the retention capacity is filled with oils and/or solids, or on a more frequent schedule as determined by the owner/operator or CLTWater.
14. Any establishment whose effluent discharge to the sewerage system is determined by CLTWater to cause interference in the conveyance or operation of the sewerage system may be required to sample its' effluent and have it analyzed for pollutants, that will be determined by CLTWater, at the expense of the owner, lease holder or operator. Results of such analyses shall be reported to CLTWater.
15. All establishments that have oil and grease in their wastewater discharge shall develop and implement a Waste Minimization Plan pertaining to disposal of grease, oils, solids and sludge.

References:

City of Charlotte Sewer Use Ordinance- Chapter 23 of the Charlotte City Code, Article III, Section 23-80

www.Municode.com

City of Charlotte Oil Water Separator Policy (2009 revised version)-Contact our office 704-336-4407.

North Carolina State Plumbing Code

Chapter 10 - Sections 1003.4 of the North Carolina State Plumbing Code



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