

Illegal Disposal of Trucked Waste into the Town of Cary Sanitary Sewer

*A felony could be occurring right under
your feet!*

**Town of Cary
Utilities Department
Pretreatment Division**

Disclaimer

- *All information contained in this presentation is for training purposes of Town of Cary personnel*
- *No copying or distribution of this presentation shall occur without prior approval from the Town of Cary.*

Discharge Prohibitions:

Federal-EPA: 40 CFR Part 403.5(b)

- *Trucked or hauled pollutants, except at Town-designated points (criminal)*

Federal-US Code: Title 33 Chapter 1319(c)(2)(a)

- *Willful violation of approved pretreatment program (criminal)*

State -15A NCAC 2H.0909: Pretreatment rules

- *Trucked or hauled pollutants, except at Town-designated points (civil)*
- NCG.S. § 14-399(a) littering (criminal)
- § 14-399(e) littering > 500 lbs (criminal)

Local – Sewer Use Ordinance: Section 36-173 (civil)

- 36-173(2)(b) solids, viscous materials
- 36-173(2)(h) – trucked or hauled wastes
- 36-173(2)(p) – fats, oils, greases at problem levels

Class I Felony

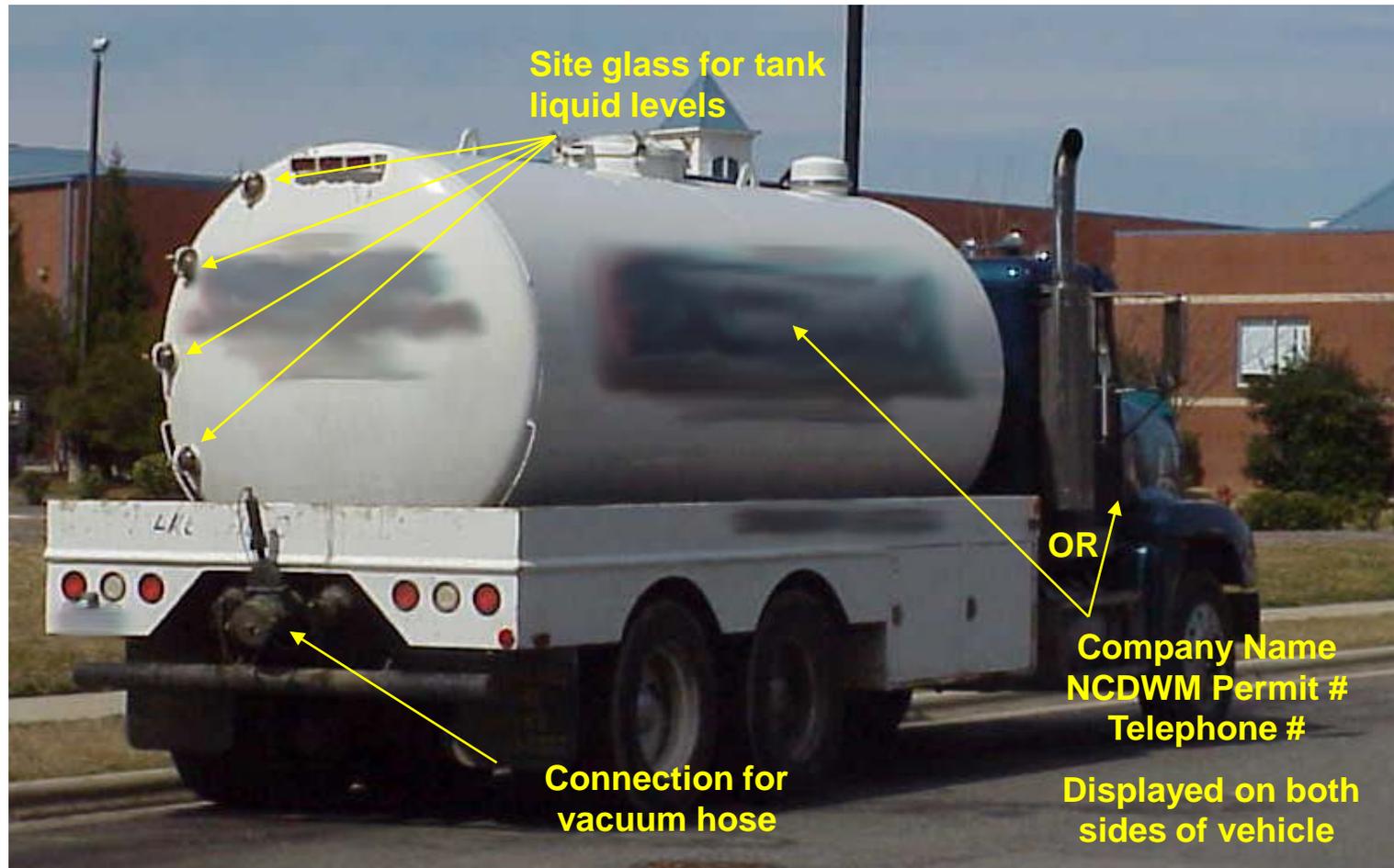
NC General Statute § 14-399(e) – Littering

Any person who violates subsection (a) of this section in an amount exceeding 500 pound or **in any quantity for commercial purposes**, or who discards litter that is a hazardous waste as defined in GS 130A-290 is guilty of a Class I felony

Facilities where a vacuum tanker truck may perform a service

- **Food Service Establishments**
- **Automotive Facilities**
- **Industrial / Commercial Facilities**
- **Septic Tanks**

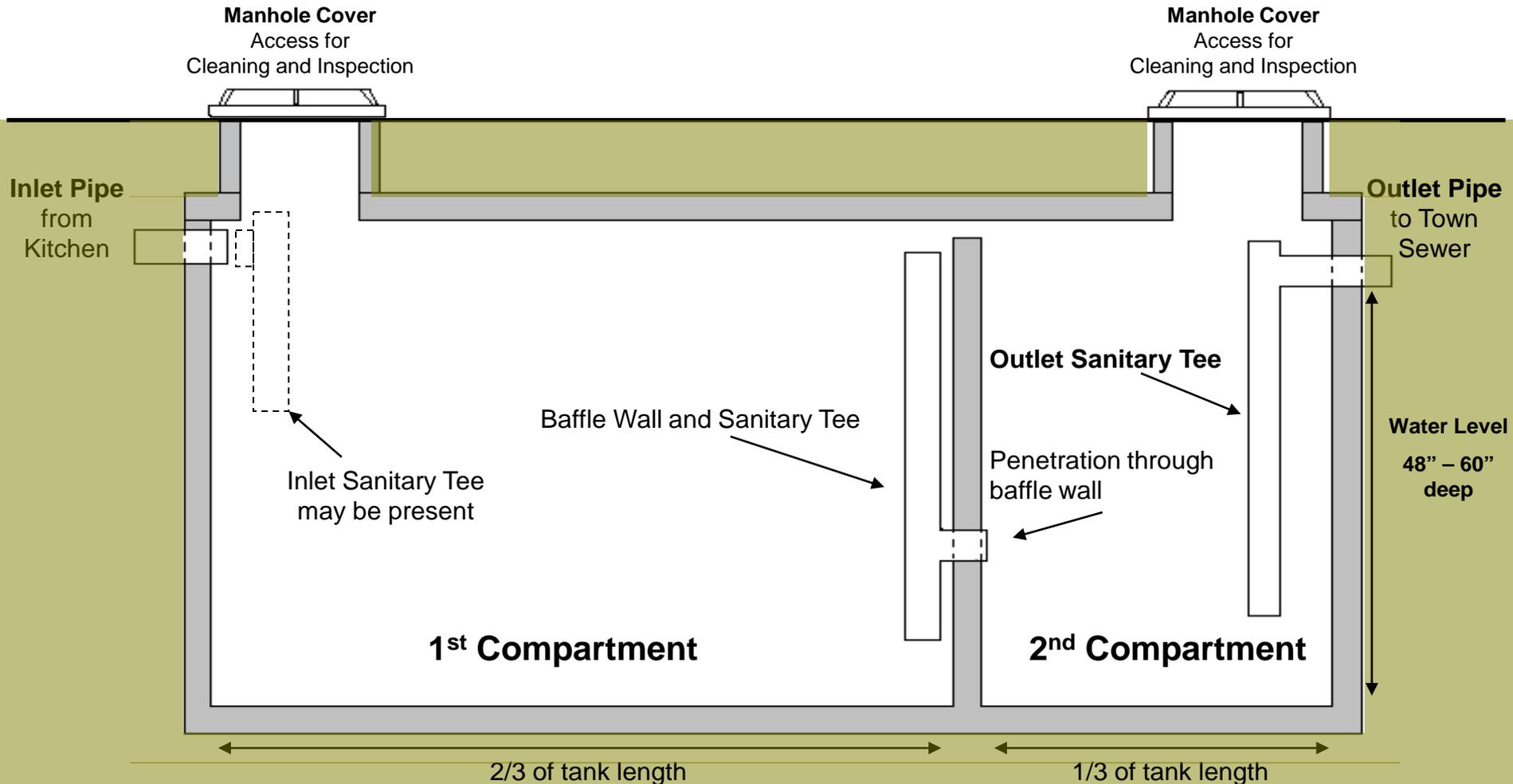
Typical Vacuum Tanker Truck



Typical Grease Trap Locations



Typical Grease Trap/Interceptor Design

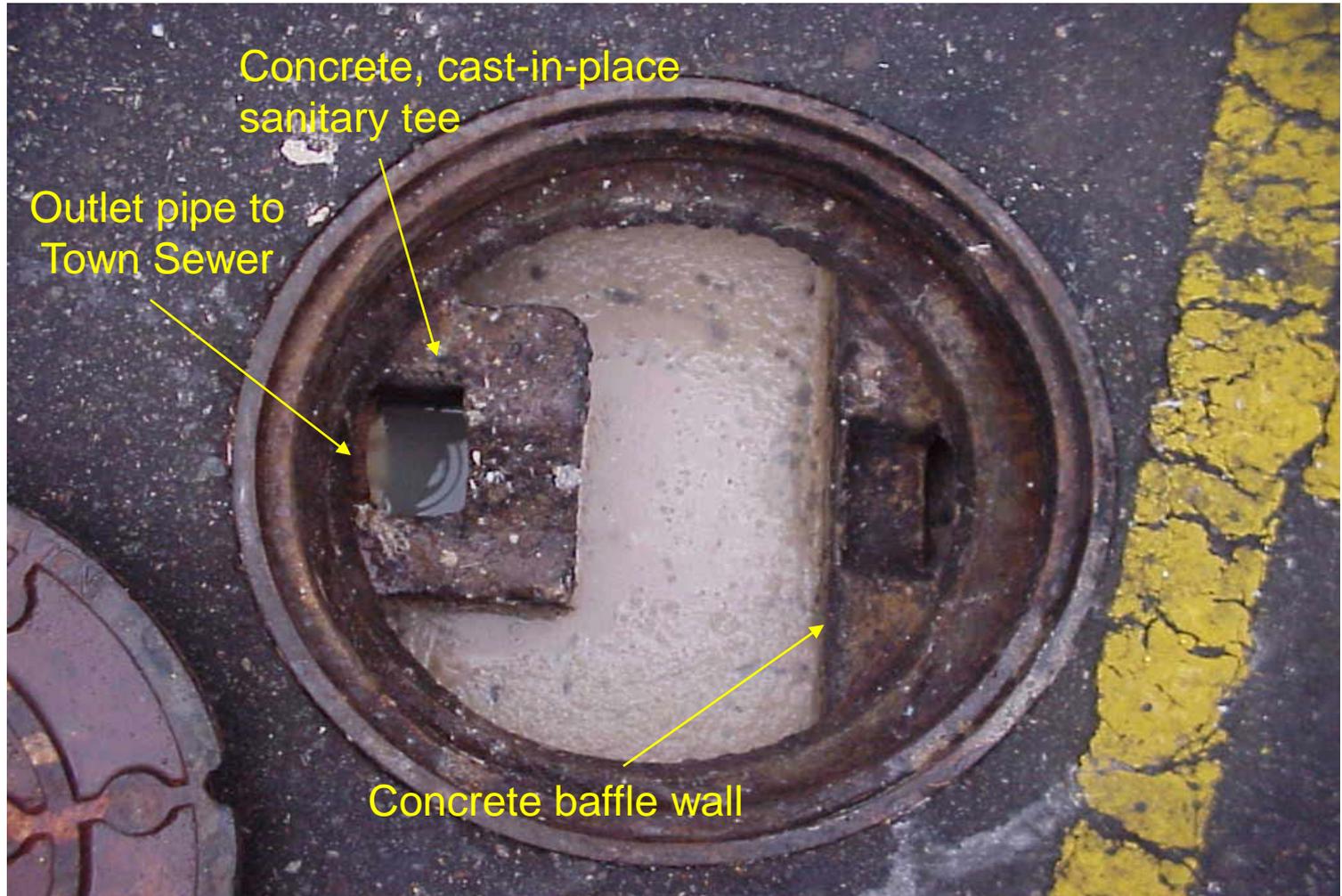


Outlet Sanitary Tee (PVC)



Outlet pipe to
Town Sewer

Outlet Sanitary Tee (Concrete)



Grease Trap Before & After Cleaning

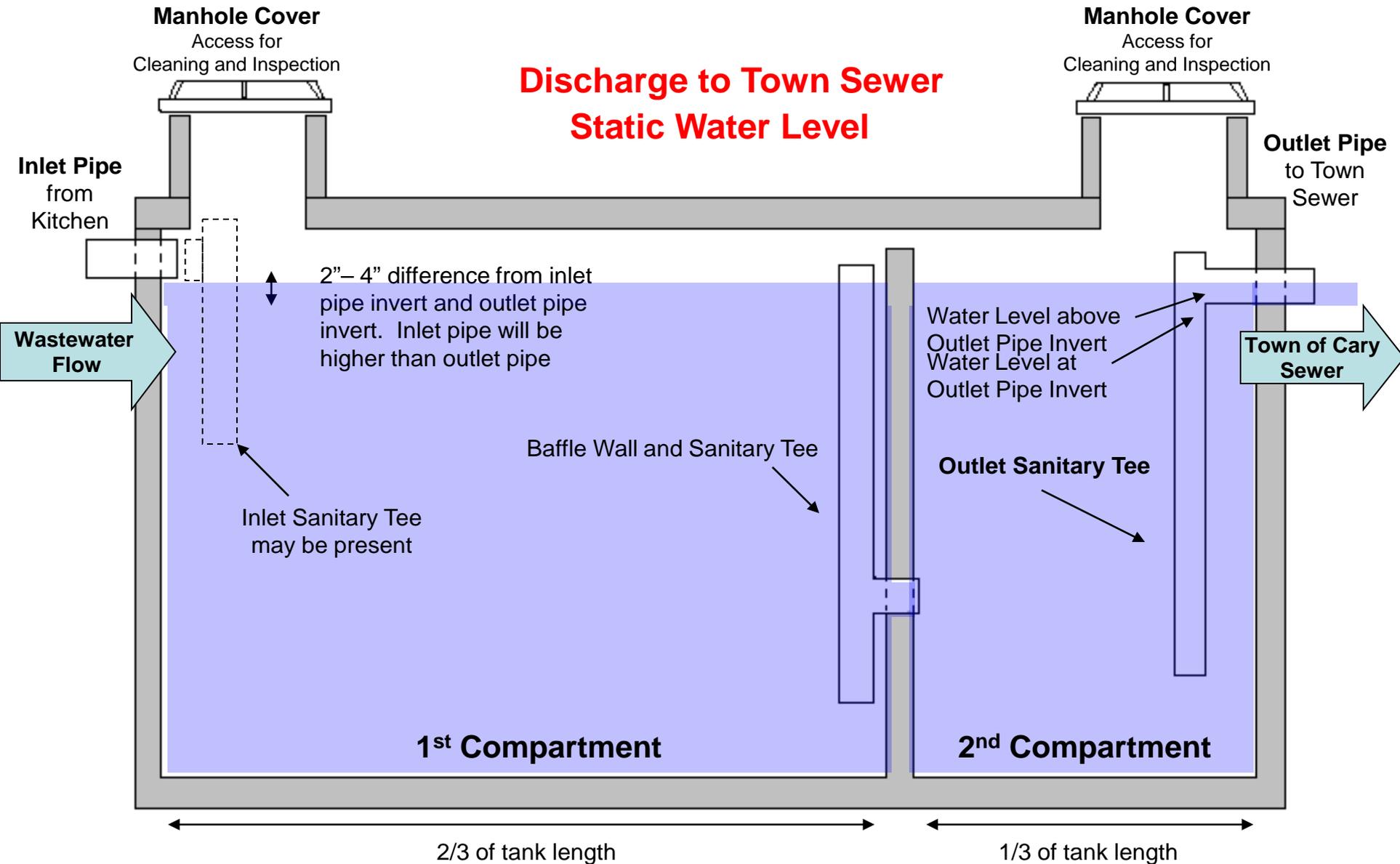
BEFORE



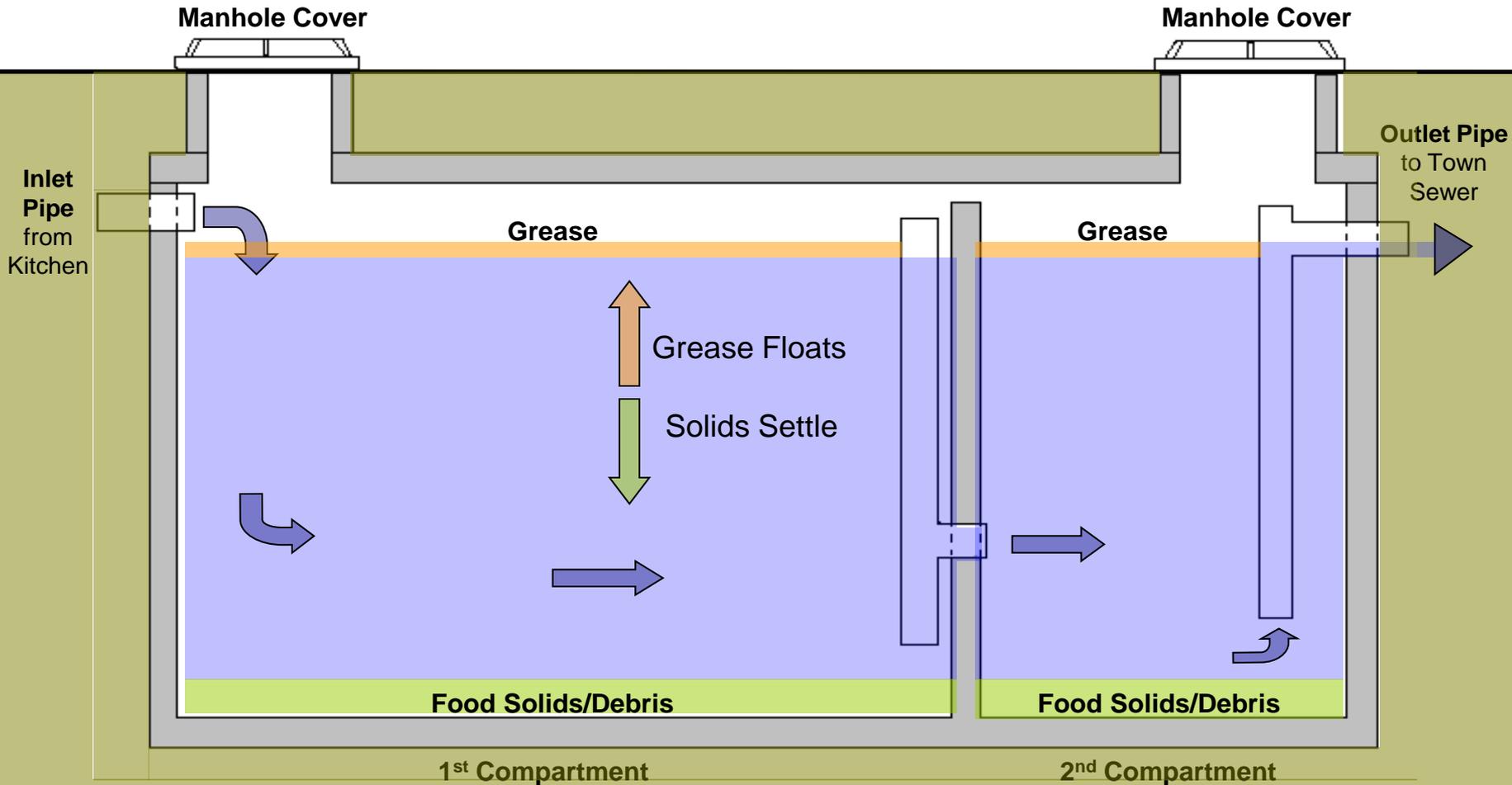
AFTER



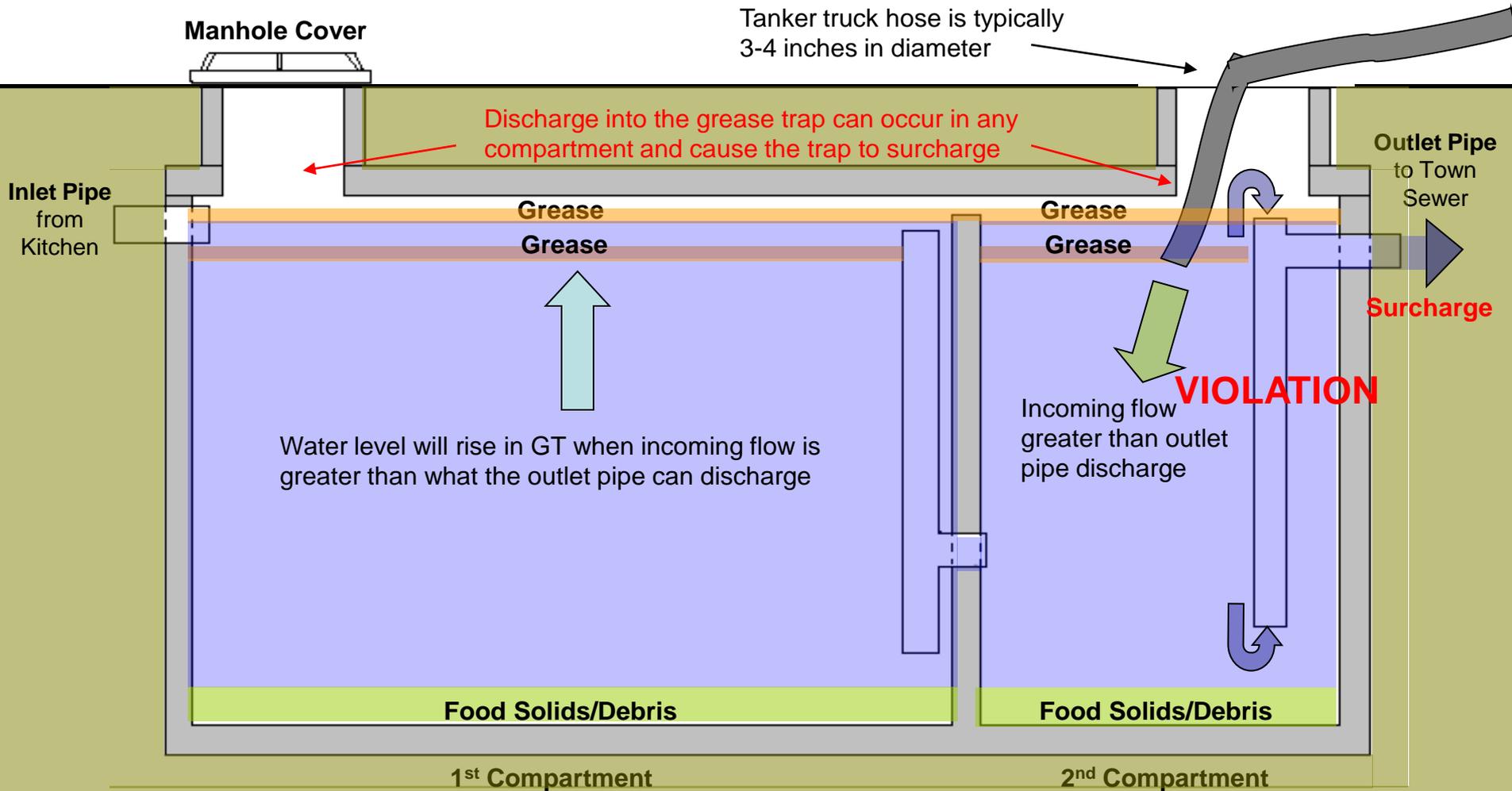
Grease Trap Fluid Levels



How a Grease Trap Works



Discharge into Grease Trap



Signs of Illegal Discharge

IMPORTANT

A visual inspection of the outlet sanitary tee should be made as soon as an Officer arrives on scene

If a discharge is noted a violation is occurring

Reasonable Suspicion to Investigate Illegal Discharges

- Company name, telephone #, or permit # not displayed on vacuum tanker truck
- License tag is covered by piping, heavy accumulations of grease, or is placed where it cannot be seen (illegible or covered)
- Truck operator inserts hose, opens valves and does not attend the hose

Reasonable Suspicion to Investigate

Truck Operator:

- Does not open or insert hose in all compartments of the grease trap
- Returns to truck or operates valves when officer arrives on scene
- Parks truck to obstruct visibility of the grease trap
- Parks, operates in a suspicious, non-conforming area

Signs of Illegal Discharge

- Discharge into any storm water or sanitary sewer conveyance (manhole, storm drain)
- Visual observation of discharge of waste in the outlet sanitary tee; tees submerged
- Liquid level in grease trap is rising above static water level rather than lowering
- Turbulent conditions in the grease trap above the static water level

Inconspicuous Disposal of Grease Trap Wastes

Illegal Disposal Scenario

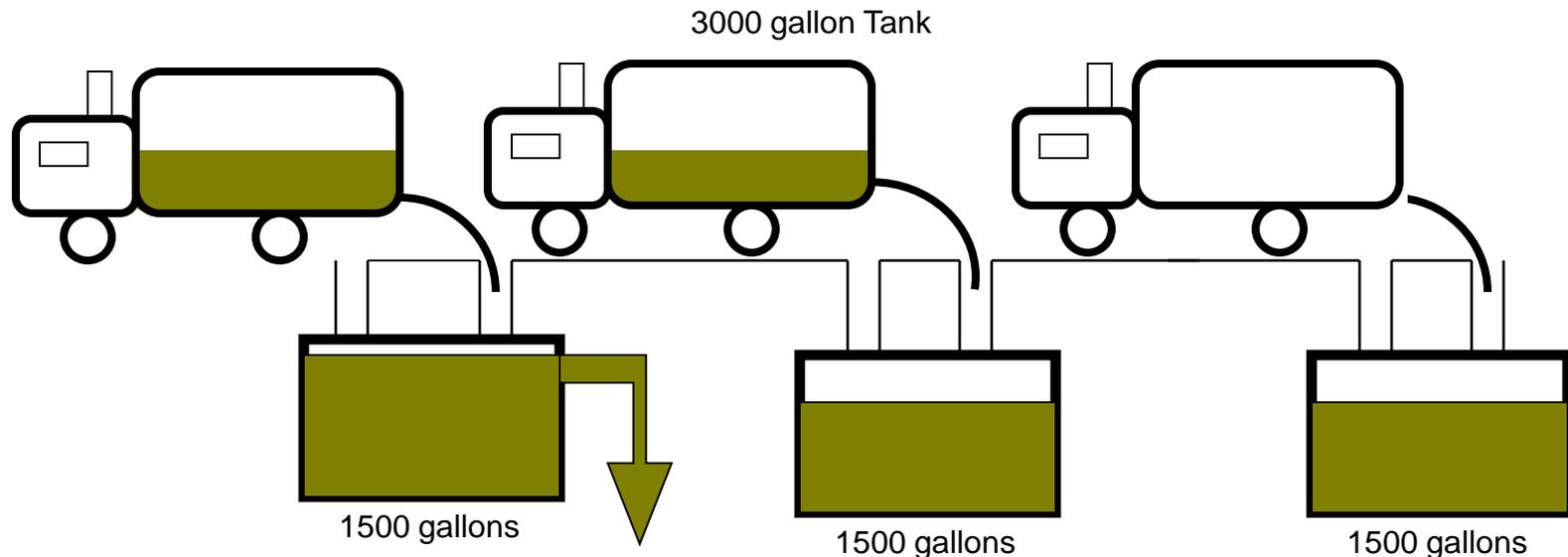
Multiple Grease Trap Pump and Dump

Grease Trap #3

Grease Trap #2

Grease Trap #1

This cycle can continue with multiple grease traps throughout the day!



DISCHARGE TO MUNICIPALITY

VIOLATION

Illegal Disposal Training Video



In the event of an illegal discharge

The following Town of Cary Utilities Department personnel should be notified as soon as possible, in order to inspect the sewer system for potential blockages and/or discharge of material that may impact the Town's water reclamation facilities:

8:00 AM – 5:00 PM

Public Works and Utilities Customer Service

Ph: 919-469-4090

Radio Channel: 1A Z2 PWUT

5:00 PM – 8:00 AM

Town of Cary Police Communications

Communications has access to the contact list for the Repair Team, Night/Weekend, and On-call Personnel

In the event of a known illegal discharge

The following Town of Cary Utilities Department personnel should be contacted to follow up after an illegal discharge:

Mr. Jamie Revels
Utilities Director
Office: XXX-XXX-XXXX
Cell: XXX-XXX-XXXX
E-Mail: XXXX@tXXXX

Maria Vanderloop
Utility Pretreatment Program Supervisor
Office: 919-319-4564
Cell: 919-621-7986
E-Mail: maria.vanderloop@townofcary.org

Mr. Donald Smith
Wastewater Collections Program Manager
Office: 919-469-4095
Cell: 919-609-7306
E-Mail: donald.smith@townofcary.org

