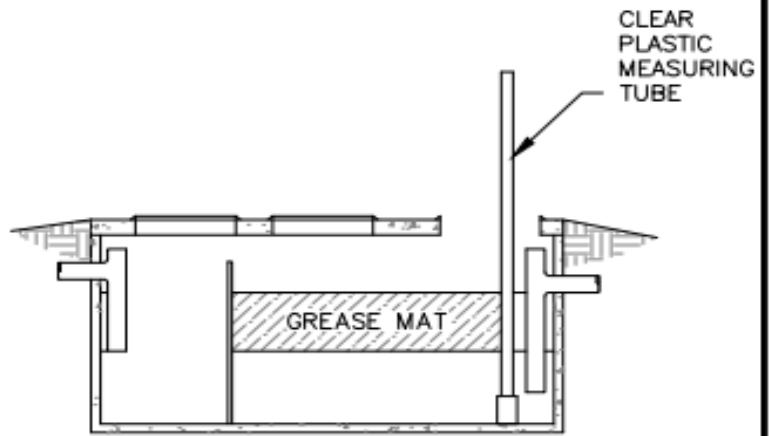


MEASURING DEVICE  
NTS



MEASURING TECHNIQUE  
NTS

**NOTE**

1. GREASE REMOVAL DEVICE (GRD) SHALL BE MAINTAINED IN ACCORDANCE WITH THE FOOD SERVICE ESTABLISHMENT (FSE) GREASE DISCHARGE PERMIT.
2. TANK DESIGN IS FOR ILLUSTRATIVE PURPOSES ONLY.

**REQUIRED TOOLS AND EQUIPMENT**

1. FACILITY SPECIFIC EQUIPMENT NECESSARY TO OPEN GRD(S).
2. PERSONAL PROTECTIVE EQUIPMENT (PPE), I.E. GLOVES, SAFETY GLASSES, ETC.
3. SAFETY EQUIPMENT, IF NECESSARY TO REDIRECT VEHICLES, I.E. REFLECTIVE VEST, CONES, ETC.
4. MEASURING DEVICE (DIPSTICK PRO BY ENVIRONMENTAL BIOTEC OR APPROVED EQUAL)
5. CLEANING MATERIALS, I.E. PAPER TOWELS, WATER, ETC.
6. TRASH RECEPTACLE

**PREPARATION**

1. PLACE ANY NECESSARY SAFETY EQUIPMENT AROUND THE GRD TO PREVENT PEDESTRIAN OR VEHICULAR ACCIDENTS DURING INSPECTION. PUT ON ANY SAFETY EQUIPMENT AND PPE THAT MAY BE NECESSARY.
2. LOCATE AND GAIN ACCESS TO THE GRD.
3. USE APPROPRIATE TOOL TO REMOVE THE GRD LIDS (MANHOLE COVERS).
4. COMPLETE VISUAL INSPECTION OF THE CONDITION OF THE GRD AND RECORD INFORMATION ON INSPECTION FORM.

**PROCEDURES TO CHECK GREASE AND SOLIDS**

1. PUSH THE METAL ROD DOWN SO THAT THE VALVE OPENS AT THE BOTTOM OF THE PLASTIC TUBE.
2. SLOWLY INSERT THE TUBE INTO THE GRD UNTIL IT TOUCHES THE BOTTOM OF THE TANK.
3. PULL UP ON THE METAL ROD TO CLOSE THE VALVE AND PULL OUT THE TUBE.
4. MEASURE THE TOTAL HEIGHT OF THE FLUID (A), THE GREASE LAYER (B), AND THE SETTLED SOLIDS LAYER (C).
5. RECORD ALL MEASUREMENTS ON THE INSPECTION FORM.
6. RELEASE CONTENTS BACK INTO GRD BY PUSHING DOWN ON METAL ROD.
7. REPLACE LIDS AND MAKE SURE THEY ARE PROPERLY SEATED.
8. COMPLETE REMAINING CALCULATIONS TO DETERMINE IF GRD IS IN COMPLIANCE WITH REQUIREMENTS.

CITY OF ROCK HILL  
UTILITIES DEPARTMENT  
757 S. ANDERSON ROAD  
ROCK HILL, SC 29730



STANDARD DETAIL

METHOD FOR MEASURING GREASE ACCUMULATION IN GREASE TRAP

| REVISIONS: | DATE:            | FILE NAME |
|------------|------------------|-----------|
|            | SEP. 2016        | 17.02     |
|            | SCALE:<br>N.T.S. |           |