

COUNTY OF HENRICO  
DEPARTMENT OF PUBLIC UTILITIES  
ENGINEERING REPORT

PROJECT \_\_\_\_\_  
LOCATION \_\_\_\_\_ SPS (BASIN) \_\_\_\_\_  
USE \_\_\_\_\_ ACREAGE \_\_\_\_\_  
EQUIVALENT POPULATION \_\_\_\_\_ POPULATION DENSITY \_\_\_\_\_

IS PROJECT PHASED YES NO (circle one)  
IF YES, THEN OVERALL PLAN IS REQUIRED AND SHOULD BE ATTACHED.

**SANITARY SEWER DESIGN:**

DESIGN BASIS \_\_\_\_\_ SOURCE \_\_\_\_\_  
NUMBER OF UNITS \_\_\_\_\_  
AVERAGE DESIGN FLOW (ON-SITE) \_\_\_\_\_  
OFF-SITE FLOW CONTRIBUTION (AVERAGE) \_\_\_\_\_  
AVERAGE DESIGN FLOW (TOTAL) \_\_\_\_\_  
PEAK FLOW \_\_\_\_\_ PEAKING FACTOR \_\_\_\_\_  
DOWNSTREAM MH: SEWER SHEET \_\_\_\_\_ MANHOLE NUMBER \_\_\_\_\_

ATTACH FLOW ANALYSIS CALCULATIONS  
ATTACH SEWER DESIGN FORM (FORM F-4)  
ATTACH SYSTEM LAYOUT MAP

**WATER SYSTEM DESIGN:**

DESIGN BASIS \_\_\_\_\_ SOURCE \_\_\_\_\_  
NUMBER OF UNITS \_\_\_\_\_  
AVERAGE DESIGN FLOW (ON-SITE) \_\_\_\_\_

ATTACH FLOW DEMAND ANALYSIS CALCULATIONS  
ATTACH HYDRAULIC CALCULATIONS  
ATTACH SYSTEM LAYOUT MAP  
ATTACH LOCAL REVIEW FORM (IF REQUIRED)

**SEWAGE PUMPING STATIONS AND FORCE MAINS**

A MEETING WITH THE DPU DESIGN DIVISION IS REQUIRED TO DETERMINE THE REQUIREMENTS FOR ASSESSMENT OF THE SERVICE AREA AND SCOPE OF THIS ENGINEERING REPORT.

**CERTIFICATION:**

I HEREBY CERTIFY THAT THIS ENGINEERING REPORT AND ATTACHED CALCULATIONS HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.

\_\_\_\_\_  
signature

\_\_\_\_\_  
certificate number

\_\_\_\_\_  
name typed or printed

\_\_\_\_\_  
date