



**Airvac**

A brand of  
Aqseptence Group

**Reliable Performance.  
Sustainable Results.**

### **AIRVAC ESTIMATE INFORMATION SHEET**

Thank you for giving Airvac the opportunity to evaluate your project area for the use of our vacuum sewer system. To provide a timely and accurate Budget Estimate, please provide the following information listed on the form below, as thoroughly as possible.

After the information is received an Illustrative Layout, Cost Estimate, Estimated Quantities and Airvac Pricing Report and Annual O&M Estimate will be prepared.

It is our intention to have your budget estimate completed as soon as possible. If you would like an estimate to be completed by a certain date, please provide us with this information so special arrangements can be made.

Thank you,  
Airvac Estimate Department



# Airvac

## Airvac Project Evaluation Sheet

### Aqseptence Group, Inc.

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Contact Person \_\_\_\_\_  
 Firm Name \_\_\_\_\_  
 Address Line 1 \_\_\_\_\_  
 Address Line 2 \_\_\_\_\_  
 City, State, Zip Code \_\_\_\_\_  
 Phone \_\_\_\_\_  
 E-mail \_\_\_\_\_  
 Sales Person \_\_\_\_\_  
 Rep Firm \_\_\_\_\_

*So that we may provide a timely and accurate Project Evaluation, please provide the following information as thoroughly as possible*

WHAT IS NEEDED	DESCRIPTION	WHY NEEDED?	INFORMATION PROVIDED
Map clearly showing the area to be served	This can be as detailed as an ACAD drawing or as simple as a scan of a map with the service area outlined with a sharpie  <i>If ACAD, we don't need every layer of the drawing. Rather just the important layers such as the project boundary, contours, streets, lots and the dwellings.</i>	There are physical limitations to a vacuum system in terms of elevation differences, how far the system can be extended and how much flow can be handled by a single vacuum station.	Describe type of mapping provided
# of houses & businesses to be served	Please provide the total # of connections to be served. <i>Ideally, this should match the # shown on the map provided</i>	In addition to vacuum main & vacuum station component sizing, this information is needed to determine how many and what type of valve pits are needed	Provide the total # connections of each type
Residential flow rate Ave Daily Flow (ADF)	If not provided, we will use 75 gpcd and 3.5 per/hse which equates to an ADF of 263 gpd/residential user	Vacuum main & vacuum station component sizing as well as the type of valve pit required are all a function of flow rate.	Provide the residential ADF (gpd/hse)
Large water users Ave Daily Flow (ADF)	The Average Daily Flow (ADF) for large water users such as schools, laundromats and other commercial users is needed	Depending on their water use, these users may require a buffer tank rather than a standard valve pit. Also, the amount of ADF from large users affects vacuum main and vacuum station sizing.	List large users & their ADF (gpd)
Expansion possibilities/phasing	Let us know if additional capacity for future growth or project phasing needs to be considered	Depending on the magnitude, this could affect the vacuum main and vacuum station size and how we approach the layout itself	Describe expansion possibilities or phasing plans
Unit prices for 6" force mains and 8" gravity sewers in your local area	The object is to determine installed costs for the vacuum mains that are representative of your local area	The installed cost of a vacuum main typically falls somewhere between 6" force main costs and 8" gravity costs (@ ave depth)	Provide installed cost information
Possible site(s) for a vacuum Station	Please indicate a lot(s) that may be a candidate for a vacuum station. <i>A centrally located lot is ideal</i>	The # of vacuum mains required as well as their size is dependent on where the station is located	Indicate possible site(s) location or show on map