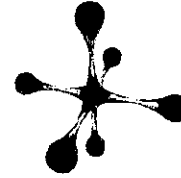


February 26, 2018

*Andrasko & Associates, Inc.*  
*Applied Soil Science Since 1994*



Ms. Donna Jablonowski  
Plum School District Facilities Department  
900 Elicker Road  
Plum, PA 15239

*Re: Proposed Septic System Lift Tank Design and Calculations  
Plum School District Bus Garage,  
Plum Borough, Allegheny County, Pennsylvania*

Dear Ms. Jablonowski:

Andrasko & Associates, Inc. (Andrasko) has prepared this proposal based on my recent meeting with Mr. Rick Maddock (septic contractor). Mr. Maddock has explained that your department's wastewater disposal needs are currently managed by an existing sand mound system. Andrasko understands that the plumbing system conveying the bus garage's wastewater to the sand mound has become problematic with frequent clogging and solids settling in the main sewer line. Based on Mr. Maddock's explanation of the problem, Andrasko proposes to evaluate the existing plumbing system and design drawings (in the possession of the Allegheny County Health Department-ACHD) and prepare a corrective sewer system design for permitting and your contractors' installation.

At this time, it is thought that the design drawings will propose new tanks, pumps, and sewer lines at various locations on the property. Andrasko does not propose to offer amendments to the existing sand mound or its pressure distribution piping. Andrasko does propose to incorporate a pump control panel and flow equalization scheme into the new dose tank to evenly disseminate regular sewage flow spikes into the sand mound over a time dosed, seven-day period.

The following is the fee schedule for this work:

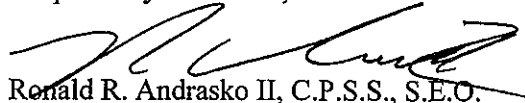
- Lump Sum of \$1,530. An invoice will be sent to you following completion of the design. One original and two copies of the design will be submitted to the ACHD Enforcement Officer (SEO) for permitting. One bound copy and a PDF will be sent to you. Additional bound copies are available at \$30.00 per copy.

Components to be specified in the system design will include length and type of pipe, solids tank type and size, dose tank type and size, dose pump or siphon, and control units if necessary. The design package includes all supporting calculations, required details, and manufacturer cut sheets needed for permit issuance. Andrasko proposes to deliver one original and two copies of the design package to Mr. Jason Dansak's (ACHD) office within four weeks of our receipt of your authorization. One copy will be forwarded to you. Duplication of the design package is permitted at will. Any revisions requested by your Sewage Enforcement Officer will be completed promptly without charge to you. The above fees are also independent from any fees that may be charged by the ACHD. This work will be completed only with your

*Andrasko & Associates, Inc.*  
*1011 Lux Road, Jeannette, Pennsylvania 15644 Phone/Fax 724-744-0101*  
*Member of the Pennsylvania Association of Professional Soil Scientists,*  
*Nationally SSSA Certified*

written authorization. Thank you for the opportunity to quote your wastewater consulting needs. I look forward to working with you on this project. If you should have any questions, please call me at (412) 417-1251.

Respectfully submitted,



Ronald R. Andrasko II, C.P.S.S., S.E.O.  
Certified Professional Soil Scientist (No. 6038)  
Certified Sewage Enforcement Officer (No. 3597)  
Principal

Proposal accepted by: \_\_\_\_\_ Date: \_\_\_\_\_

cc: Mr. Rick Maddock  
4632 Logans Ferry Road  
Murrysville, PA 15668

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