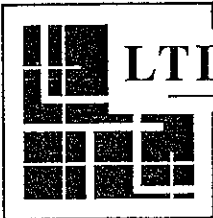


**APPENDIX 6-4**

**PRELIMINARY DISCHARGE CRITERIA**



**LTL CONSULTANTS, LTD. • ENGINEERS & CODE OFFICIALS**

PO BOX 241 • ONE TOWN CENTRE DRIVE • OLEY, PA 19547  
(610) 987-9290 • FAX: (610) 987-9288

March 4, 2003

Water Management Program  
Pennsylvania Department of Environmental Protection  
Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

RE: Preliminary Discharge Criteria for  
Municipal Sewage Treatment Plant:  
Amity Township, Berks County, PA

To Whom it May Concern:

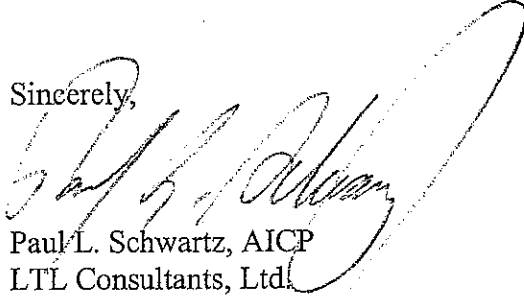
LTL Consultants is conducting an Act 537 Plan Update for Amity Township, Berks County, PA.

Municipal sewer is a viable option for an area of the Township currently served by on-lot systems. Several treatment options are under consideration, including a treatment plant that would discharge into the Limekiln Creek (a tributary of the Monocacy Creek). The plant would be owned and operated by Amity Township.

We are exploring two options for a plant at this site. Option 1 would be a 9,000 gallon/day plant serving a small mobile home park, with approximately 35 homes. Option 2 would serve the mobile home park as well as a nearby residential area. Option 2 would be an 18,000 gallon/day plant, serving approximately 70 residences.

A copy of the USGS topographical map, showing the approximate locations of the proposed plants, is attached. Please provide preliminary discharge criteria for each option (residential strength), at the locations show.

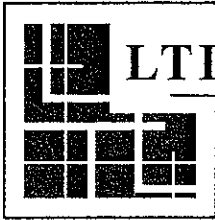
Sincerely,



Paul L. Schwartz, AICP  
LTL Consultants, Ltd.  
Senior Planner

Attachment: USGS Topographic map, Birdsboro Quadrangle

cc: Amity Township Board of Supervisors  
F:\Amity\Engineer\Act 537\2003\Prelim Discharge Criteria.wpd  
0562-0107



**LTL CONSULTANTS, LTD. • ENGINEERS & CODE OFFICIALS**

PO BOX 241 • ONE TOWN CENTRE DRIVE • OLEY, PA 19547  
(610) 987-9290 • FAX: (610) 987-9288

June 4, 2003

Water Quality Management Program  
Pennsylvania Department of Environmental Protection  
Southcentral Regional Office  
909 Elmerton Avenue  
Harrisburg, PA 17110-8200

RE: Preliminary Discharge Criteria for  
Municipal Sewage Treatment Plant:  
Amity Township, Berks County, PA

To Whom it May Concern:

I am following up on a letter that I sent on March 4 (copy attached), requesting preliminary discharge criteria for two possible package treatment plant locations in Amity Township. The package plants are part of the Township's Act 537 Sewage Facilities Plan Revision. I would appreciate your response as soon as possible so that we can complete the plan.

If I am sending this to the wrong department, please forward it to the correct location. If you have any questions, please feel free to call me, or email me at [pschwartz@ltlconsultants.com](mailto:pschwartz@ltlconsultants.com).

Thank you for your assistance.

Sincerely,

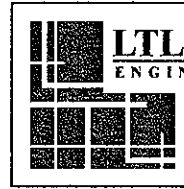
A handwritten signature in black ink, appearing to read "Paul L. Schwartz", is written over a large, sweeping flourish that extends to the right.

Paul L. Schwartz  
LTL Consultants, Ltd.  
Senior Planner

Attachment: Letter dated March 4, 2003  
Topographic map

cc: File:F:\Amity\Engineer\Act 537\2003\DEP - Prelim Discharge Criteria 060403.wpd

# Memorandum



**LTL CONSULTANTS, LTD.**  
ENGINEERS & CODE OFFICIALS

PO BOX 241 (610) 987-9290  
ONE TOWN CENTRE DR OLEY, PA 19547 FAX: (610) 987-9288

**To:** File  
**CC:** Marybeth Luttenberger  
**From:** Paul L. Schwartz, AICP  
**Date:** June 11, 2003  
**Re:** Preliminary Discharge Criteria, Amity Township, Bel Air Estates  
Package Treatment Plant

As per telephone conversation with Marybeth Luttenberger, Permit Engineer, Water Management Program:

DEP reviewed the information that I had forwarded. They will not be issuing a letter; however, we should plan for secondary effluent limits for discharging into the Monocacy Creek.

Based on previous correspondence from Ms. Luttenberger (Village of Virginville, March 10, 1999), secondary effluent limits should be as follows:

Parameter	Concentration		
	Monthly Average	Weekly Average	Instantaneous Average
5-Day CBOD	25	40	50
Suspended Solids	30	45	60
Ammonia Nitrogen (as N)	20	xxx	40
Total Residual Chlorine	0.5	xxx	1.6
Dissolved Oxygen	Minimum of 5.0 at all times		
pH (S.U.)	Within range of 6 to 9 at all times		
Fecal Coliform	Not greater than 200/100 ml as a geometric value, not greater than 1,000/ml in more than 10% of the samples tested from May 1 to September 30; not greater than 10,000/100 ml as a geometric average value during the remainder of the year.		