



pennsylvania

OFFICE OF OPEN RECORDS

RECEIVED

APR 17 2019

CALN TWP
RTKO

Standard Right-to-Know Law Request Form

Good communication is vital in the RTKL process. Complete this form thoroughly and retain a copy; it is required should an appeal be necessary. You have 15 business days to appeal after a request is denied or deemed denied.

SUBMITTED TO AGENCY NAME: CALN TOWNSHIP< CHESTER COUNTY, PA (Attn: AORO)

Date of Request: April 17, 2019 Submitted via: ☒ Email ☐ U.S. Mail ☐ Fax ☐ In Person

PERSON MAKING REQUEST:

Name: Cheryl C. Spaulding Company (if applicable): _____

Mailing Address: 406 Lloyd Avenue

City: Downingtown State: PA Zip: 19335 Email: _____

Telephone: _____ Fax: N/A

How do you prefer to be contacted if the agency has questions? ☒ Telephone ☐ Email ☐ U.S. Mail

RECORDS REQUESTED: *Be clear and concise. Provide as much specific detail as possible, ideally including subject matter, time frame, and type of record or party names. Use additional sheets if necessary. RTKL requests should seek records, not ask questions. Requesters are not required to explain why the records are sought or the intended use of the records unless otherwise required by law.*

RE: Proposed MUNICIPAL PUMP STATION PROJECT on Municipal Drive, Caln Twp.

Plans, cost estimates, financing options, requests for proposals and requests for quotes as well as all bids (general, electric and force main) and construction documentation, engineering reports, meeting minutes; correspondence to or from Caln township relating to this project; Directors Report of January 2019; policy documents for reimbursement of tapping fees; list of projects on hold awaiting capacity to construct; legal documents.

DO YOU WANT COPIES? ☒ Yes, electronic copies preferred if available

☐ Yes, printed copies preferred

☐ No, in-person inspection of records preferred (may request copies later)

Do you want certified copies? ☐ Yes (may be subject to additional costs) ☐ No

RTKL requests may require payment or prepayment of fees. See the [Official RTKL Fee Schedule](#) for more details.

Please notify me if fees associated with this request will be more than ☒ \$ 25.00.

ITEMS BELOW THIS LINE FOR AGENCY USE ONLY

Tracking: _____ Date Received: 4/17/19 Response Due (5 bus. days): 4/25/19

30-Day Ext.? ☐ Yes ☒ No (If Yes, Final Due Date: _____) Actual Response Date: 4/18/19

Request was: ☐ Granted ☒ Partially Granted & Denied ☐ Denied Cost to Requester: \$ _____

☐ Appropriate third parties notified and given an opportunity to object to the release of requested records.

NOTE: In most cases, a completed RTKL request form is a public record.
More information about the RTKL is available at <https://www.openrecords.pa.gov>

Form updated Nov. 27, 2018

From: Abbey Swan

Sent: Thursday, April 18, 2019 3:13 PM

To: 'CCSpaulding'

Subject: FW: Right to Know Request regarding Municipal Pump Station

Attachments: 3.27.19 Proof of Publication.pdf; January 2019 Director's Report.pdf; Resolution 2019-1 CTMA Establishing Reservation of SS Capacity Policy an....pdf; 3.25.2019 Guaranteed Revenue Notes 2019 Series.pdf; Eng MDPS Budgetjan2019.pdf; 3.25.19 CTMA Project Status.pdf; Spaulding Municipal Pump Station RTK 04172019.pdf

Dear Barbara and Maria,

Thank you for writing to Caln Township with your request for information pursuant to the Pennsylvania Right to Know Law.

On April 17, 2019, as described on the attached Right to Know form, you requested a variety of documents relating to the proposed municipal pump station project. Please see the links and explanation below regarding the responsive documents. I have attached the document mentioned by Scot in number 9 below. Because we were able to send the information to you via email, there is no charge per page.

Please let me know if you have any questions.

Regards,

Abbey

From: Scott Gill

Sent: Thursday, April 18, 2019 1:03 PM

To: Abbey Swan <aswan@calntownship.org>

Subject: Right to Know Request regarding Municipal Pump Station

Abbey,

I hope this addresses the questions related to the Right to Know Request regarding Municipal Pump Station.

- 1) Link for the plans, specs and addendums:
https://www.dropbox.com/sh/1tvf00fs572kfz7/AABtlzNhQHYbXSTcW_jw8gDMa?dl=0 that you can share with Cheryl, so everything can be downloaded (the file is large).
- 2) Here is the link to the Pennbid website
<https://www.ebidexchange.com/BidsAwards.aspx?cid=e1677bd6-f8b0-44d2-bd37-c244ac8d9bda&uid=00000000-0000-0000-0000-000000000000> for the bids that Cheryl can access to see the results. She can scroll down the list and she will be able to see the 3 contracts related to the Municipal Drive Pump Station and Force Main, Electrical, Municipal Drive Pump Station and Force Main, Force Main and Municipal Drive Pump Station and Force Main, General/Mechanical.
- 3) The meeting minutes she is requesting can be found online.

- 4) Attached is the proof of publication which should address the request for proposals and request for quotes.
- 5) Attached is my January 2019 directors report
- 6) Attached is the 3.25.19 Guaranteed Revenue handout that was discussed with the board for the financing option.
- 7) Attached is the Engineers report related to the preliminary cost estimates that was given to the CTMA at their
- 8) Attached is resolution 2019-1-CTMA which address the request about the policy for reimbursement of tapping fees.
- 9) No documents exist in response to the request of lists of projects on hold awaiting capacity to construct. I did forward you under separate cover the spreadsheet showing status of pending projects that will need capacity in the future that was handed out to the CTMA at their March meeting, this was for the DARA service area.

Thanks,
Scot Gill, Director
Caln Township
Department of Wastewater Operations
253 Municipal Drive
Thorndale, Pa 19372
610-384-0600 ext 147
610-384-4043 fax

☑ Think Green! Please do not print this e-mail unless necessary

"This e-mail message and any files transmitted with it are confidential and are intended solely for the use of the individual or entity to whom it is addressed. If the reader is not the intended recipient or the employee or agent of the intended recipient, you are hereby notified that any dissemination or copying of this e-mail message, including any attachments, is strictly prohibited. If you have received this e-mail message in error, please notify us immediately by telephone or notify us by return e-mail. Also, please send a hard copy of the e-mail message to us at the address listed above via U.S. Mail and delete the message from your computer. Thank you.

AFFIDAVIT OF PUBLICATION
307 Derstine Avenue • Lansdale, PA 19446

CALN TOWNSHIP
253 Municipal DR.
THORNDALE, PA 19372
Attention:

STATE OF PENNSYLVANIA,
COUNTY OF MONTGOMERY

The undersigned *Maureen Schmid*, being duly sworn the he/she is the principal clerk of Daily Local News, Daily Local News Digital, published in the English language for the dissemination of local or transmitted news and intelligence of a general character, which are duly qualified newspapers, and the annexed hereto is a copy of certain order, notice, publication or advertisement of:

CALN TOWNSHIP

Published in the following edition(s):

Daily Local News	03/13/19
Daily Local News	03/27/19
Daily Local News Digital	03/13/19
Daily Local News Digital	03/27/19

COMMONWEALTH OF PENNSYLVANIA

NOTARIAL SEAL

MAUREEN SCHMID, Notary Public
Lansdale Boro., Montgomery County
My Commission Expires March 31, 2021

Sworn to the subscribed before me this 3/27/19.

Maureen Schmid

Notary Public, State of Pennsylvania
Acting in County of Montgomery

NOTICE TO CONTRACTORS
FOR
MUNICIPAL DRIVE PUMP
STATION AND FORCE MAIN
CONTRACT NO. CAL02-14-1A
(GENERAL-MECHANICAL)
CONTRACT NO. CAL02-14-1B
(ELECTRICAL)
CONTRACT NO. CAL02-14-2
(FORCE MAIN)

Sealed bids for construction of Municipal Drive Pump Station (General, Electrical) and Force Main in Caln Township will be received by Caln Township Municipal Authority online at PennBid™ - www.PennBid.net until 10:00 A.M., prevailing time on April 16, 2019 at which time the bids shall be opened on PennBid™ - www.PennBid.net. This project involves construction of a Pump Station on Municipal Drive and 9,532 feet of low-pressure force main to an existing force main connection at Sta. 95+32 and other related work for a complete operating sewer system. The Contract Documents may be obtained online at PennBid™ - www.PennBid.net. Click on the "Solicitations" then "View" tabs. A hard copy of Bid Documents may be viewed at the office of the Caln Township Municipal Authority, 253 Municipal Drive, Thorndale, PA 19372. Only bids submitted online at PennBid™ - www.PennBid.net by the date and time above will be considered and opened. The following professional consultant is responsible to the Authority for the project: Gilmore & Associates, Inc., 65 East Butler Avenue, Suite 100, New Britain, PA 18901. Each bid must be accompanied by a bid bond or a certified check in an amount not less than ten percent (10%) of the amount of the bid in the form and subject to the conditions provided in the Information for Bidders. No bid may be withdrawn for the period days stated in the bid form from the date the bids are open. The successful bidder will be required to furnish satisfactory Performance and Payment Bonds in the amount of 100% of the Contract amount and a Maintenance Bond in the amount equal to fifteen percent (15%) of the Contract amount, thereafter required on the specified Bond Forms included in the Contract Documents and Waiver of Lien. The right is reserved to waive any informality in the Bid, to reject any or all Bids, and to accept any Bid which is deemed most favorable to the Owner, at the time and under the circumstances stipulated. The work in this contract shall be paid for in accordance with the Pennsylvania Prevailing Wage Act (Act No. 442).

Caln Township Municipal
Authority
DL-mar 13, 27-1a

Advertisement Information

Client Id: 884881 **Ad Id:** 1765221 **PO:** **Sales Person:** 093304

NOTICE TO CONTRACTORS
FOR
MUNICIPAL DRIVE PUMP
STATION AND FORCE MAIN
CONTRACT NO. CAL02-14-1A
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Caln Township Municipal
Authority
DL-mar 13, 27-1a

DEPARTMENT OF WASTEWATER OPERATIONS



January 2019

CALN TOWNSHIP WASTEWATER OPERATIONS

TO: CALN TOWNSHIP MUNICIPAL AUTHORITY
FROM: SCOT GILL; DIRECTOR OF WASTEWATER OPERATIONS
SUBJECT: WASTEWATER OPERATIONS MONTHLY PROJECT SUMMARY
DATE: 2/1/2019

Attached and below are a list of current projects which the Department is working on, and their status as of **February 1, 2019**. The majority of projects are on-going, and will be performed at the same time with Township staff or contracted services. **Please find attached the minutes of the December, 2018 CTMA Meeting.**

Inflow and Infiltration Program

- 1) The Department continued this month continued working on televising the collection system to locate any sources of I&I and the also inspecting the structural integrity of the manholes. During the heavy rain events the department is inspecting the MH Lids for leaks and installing new lids or dishes where they are found to have bad or no gaskets.
- 2) At the September CTMA Meeting the authority authorized the purchase of 5 used portable flow meters from Towamencin Township and 1 portable meter from the Meter Guy. The meters were received and placed in various sub-areas throughout the township to narrow down the area with the highest source of I&I. The department is following up on the neighborhoods where the portable flow meters were installed by visually inspecting through the manholes and than televising the line if excessive amount of flow is detected.
- 3) The department is also inspecting the cleanouts and vent caps in all the neighborhoods to see if they are broke and accepting any surface water on rain events. If one is found to be in need of repair a door posting is issued to the property owner notifying them to make the necessary repairs.

New Construction (Sewer Status)

- 1) Woods at Rock Raymond West (120 EDU's/DARA): All the inspections were completed in November by the Department and everything passed for final paving. The Authority's engineer commented on their plans on April 1, 2014 and is waiting for them to submit revisions based on the comments. This project has received PADEP planning approval for sewer. All the manholes passed vacuum testing and Gilmore reviewed the TV Inspection reports and found everything acceptable. Currently the CTMA's Engineer is reviewing the as-builds along with all the legal descriptions for the sanitary sewer. **No change this month.**
- 2) Dwell (400 EDU's/DARA): At the CTMA's September, 2014 meeting the Board executed the Sanitary Sewer Capacity Reservation and Contribution Agreement with Dwell. This

project will require PADEP planning approval for sewer. September, 2016 the department processed their planning module and forwarded back to the developers consultant for submittal to the PADEP. The developer submitted their response to the PADEP on May 1st addressing the DEP's comments in their November, 2016 letter. On June 30th, 2017 the PADEP granted Planning Approval for the project. The CTMA granted a 1 year extension to their capacity reservation agreement at their August meeting. **No change this month.**

- 3) Bondsville Road Apts (57 EDU's/DARA): The Authority's engineer commented on their plans on June 9, 2014 and is waiting for them to submit revisions based on the comments. This project will need PADEP planning approval for sewer which was submitted to the DEP November, 2017 for review and approval. January of 2018 the Developer responded to the DEP's comments related to the planning module. On February 20th, 2018 the PADEP granted Planning Approval for the project. I met with the developers contractor to go over the possibility of pipe splitting and lining the existing offsite sewer this fall that is required as part of the project. October, 2018 the developers engineer submitted the stream crossing permit to the DEP, which will be needed prior to construction of the offsite. **No change this month.**
- 4) NTB: The developer is currently working through the design phase with the CTMA's Engineer and responding to the sewer related comments. No additional capacity is needed to be allocated by the CTMA. No additional PADEP planning approval is needed for this project. **Project is under construction.**
- 5) Hills@Thorndale Woods (262 units/DARA): At the CTMA's May, 2015 meeting the board executed the Sanitary Sewer Capacity Reservation and Contribution Agreement with Hills@Thorndale Woods. This project will require PADEP planning approval for sewer. The PADEP Planning Module was granted approval on May 23, 2016 by the PADEP. June 20, 2016 The CTMA approved a 1st amendment to their capacity reservation agreement to grant an extension of their final payment for their capacity. The developer has put in a request to extend their agreement by 1 year for their final payment of their capacity. The department and the authority's solicitor drafted a 2nd amendment to their agreement which was signed by the developer and also approved by the CTMA at their May, 2017 meeting. On February 26, 2018 the developer has put in a request to extend their agreement by 1 year for their final payment of their capacity. At the April, 2018 CTMA Meeting the board granted a 1 year extension to their agreement. **No change this month.**
- 6) WAWA Bondsville Road: Currently the department and the authority's engineer are working through the review of the preliminary design for the proposed sewer connection and abandonment of the existing connections to the authorities system, that won't be utilized as part of their project. Sewer Planning Exemption request was forwarded to the PADEP in early December and an exemption request was granted by the DEP on February 13, 2017. The plans as submitted were found acceptable by Gilmore on April 6, 2017. **Project is complete and the department is currently waiting for the as-built submission to review.**
- 7) Regal Builders (347 EDU's/DARA): is a project that is being proposed to be built on the property at the corner of Lloyd Ave and Route 322. The developer is proposing 343 residential units and approx. 4 EDU's for commercial. The department is currently working

with the developer on their needed capacity. This project will require a capacity evaluation from their point of connection to the point it connects to the treatment plant and they will also need PADEP planning approval for sewer. **No change this month.**

- 8) 4060 Edges Mill Road Project (3 EDU's/DARA): Currently the department and the authority's engineer are working through the review of the preliminary design for the proposed sewer connection. Sanitary Sewer Capacity Reservation and Contribution Agreement along with an O&M Agreement for their proposed Grinder Pump System was executed by the Authority at their May, 2018 meeting. A full PADEP Planning Module or an Exemption request will be needed for this project. **January, 2019 the CTMA's engineer was working with the developer to resolve the issue with the offsite easements.**
- 9) Taco Bell (DARA): The developer is currently working through the CU phase with the Township. The department is working on the Sewer Extension/Reservation Agreement along with the Commercial Grinder Pump O&M Agreement that will be presented to the authority at a later date. This project will be requesting a PADEP Planning Exemption.
- 10) Hillview Project (96 EDU's/PAWC): The developer is currently working through the design phase with the CTMA's Engineer and responding to the sewer related comments. The project will consist of the construction of a new pump station that will be designed to handle 96 Residential Units and 100 Existing Offsite. This project will need a Sewer Capacity Reservation/Extension Agreement executed with the CTMA and also a PADEP sewer planning approval.
- 11) 150 Parkside Drive Project (47 EDU's/DARA): The developer is currently working through the design phase with the CTMA's Engineer and responding to the sewer related comments. This project will need a Sewer Capacity Reservation/Extension Agreement executed with the CTMA and also a PADEP sewer planning approval. The CTMA solicitor for the authority has been working with the developers attorney on the Capacity Reservation Agreements.

Sewer Extensions (OLDS conversion to Public)

(OLDS=On Lot Disposal Systems)

- 1) Longview and Kings Hwy Extension (31 homes w/OLDS/DARA): To date, twenty (20) connection permits have been issued and twenty (20) connections have been made. This project received PADEP planning approval as part of Kings Grant.
- 2) Woodview & Greenwood Circle Area (25 homes w/OLDS/DARA): To date, Twenty (20) connection permits have been issued and nineteen (19) connections have been made. This project received PADEP planning approval as part of Kings Grant.
- 3) Granger Lane/Caln Meeting House Road Project (33 homes w/OLDS/DARA): To date, one (1) connection permit has been issued and one (1) connection has been made. The connection was made to the Kings Grant System. This project received PADEP planning approval on April 8, 2008. A 2nd grant application for a PA Small Water and Sewer Small Projects to Improve Public Water Supply and Sanitary Sewer Systems, requesting

\$389,363.75 (85% of overall project costs) towards the engineering, legal, additional consulting and construction of a \$458,075.00 Sewer Extension Project was submitted February, 2018.

- 4) Scott Drive (Lower Section): The CTMA was working with CSI on an agreement for their portion of the project. The Department is still awaiting a response from CSI on the agreement. This project will need to be surveyed and designed, prior to going to construction.
- 5) **Dogwood & Scott Drive (54 homes w/OLDS/PAWC): The sewer system has been installed and accepted by the CTMA and now ready for the residents to connect to it. The department is currently processing the tapping fees of those who want to connect and along with the O&M Agreements for the Grinder Pumps.**
- 6) Moore Road Sewer Extension Project (38 Homes): The Department submitted a CDBG grant application on June 16, 2014. This project will need PADEP planning approval. The grant was not awarded at this time. Based on the review of the Hillview project, a portion of Moore Road will be served as part of a sewer extension that is being proposed as part of their project.

Municipal Drive Pump Station Project

- 1) The remaining easements were obtained and the updating of the project bid specifications has been completed. The authority was granted zoning approval at the February 4th, 2016 ZHB Meeting. The department and CTMA Engineer has been in contact with the Chester County Conservation District to start the process for an extension of our NPDES permit which is due to expire April, 2019. The CTMA Engineer will be submitting the application to extend the NPDES Permit to the Conservation District in November. **The NPDES renewal application was sent to the Chester County Conservation District December 3, 2018. Currently the CTMA has an agreement in place with Hill@Thorndale Woods and Dwell Project for the funding of the construction of the Pump Station. Once Regal Builders starts their Sewer Planning/Agreements with the CTMA, they will also be asked to contribute to the station.**

Recycling and Trash program

- 1) The Department Staff continues to deliver recycle carts to homes that are newly constructed and sold, and the serial number is then entered into the WISTAR data base for the purpose of tracking.
- 2) The Department continues each week to respond to residential calls relating to missed trash or recycling collection, and addresses their concerns with the hauler and reschedules the truck to return.
- 3) The Department each week reviews the weight tickets from the landfill and the recycle facility and calculates the tonnages. All tonnages are then added to the monthly tacking form.

- 4) The Department compiled and submitted November, 2015 the 2015 Section 902 Recycle grant application with a total request of \$213,386 for a new Truck Leaf Collector Unit, Repairs to the Compost Pad and Educational Material. The department received the executed agreement from the PADEP on September 30, 2016 approving the grant.
- 5) The department finished compiling the 2017 recycling data for the entire Township and it was submitted to the State by their September 28, 2018 deadline.
- 6) The department is working on the 2019-2021 trash contract so it can go out to bid this year. The current trash contract expires December 31, 2018. The Board of Commissioners awarded the 2019-2021 Residential Collection and Disposal of Solid Waste and Single Stream Recyclable materials contract to Eagle Disposal.
- 7) The department is working on the 2019-2021 Recycle Material Processing and Marketing RFP Contract. The current Processing and Marketing Contract expires December 31, 2018. The Board of Commissioners awarded the 2019 recycle Material Processing and Marketing Contract to Eagle Disposal for one year.
- 8) **The department is currently compiling the 2018 recycling data for the entire Township which will submitted to the County by their deadline in March, 2019.**

Maintenance and Upgrades to the Existing Sanitary Sewer System and Pump Stations

- 1) North Caln Road Pump Station: Routine checks are being made on a daily basis and wet well is flushed on a regular basis with cleaner truck.
- 2) Hidden Forest Pump Station: Routine checks are being made on a daily basis and the wet well is flushed on a regular basis with the cleaner truck. June, 2018 the new monitoring system was installed.
- 3) Fisherville Road Pump Station (Kings Grant): Routine checks are being made on a daily basis and wet well is flushed on a regular basis with cleaner truck. The department has been working on issues with the Kings Grant Pump Station to address the regular and after hour's nuisance calls, control panel shutting down and maintenance on the pumps. June the department had the pumps at Kings Grant PS serviced and the lower seal on pump 2 replaced. June, 2018 the new monitoring system was installed. The department is anticipating the new controller for Kings Grant to be installed in July.
- 4) On January 18, 2018 we had a sewer emergency at the intersection of Rt30 and 340 on Marshallton/Thorndale Road. The contractor that is working on the new traffic lights for the new WAWA site bored across Marshallton Thorndale and right through our sewer main and installed 2 conduits right through the sewer pipe. We engaged Propipe to setup a bypass pump, and dig up the damaged section and repair, WW Crew assisted with the work. Gallagher Septic temporarily performed a pump and haul of the sewer. The work was completed on Monday January 22, 2018 with finish paving of the patches will be performed in the spring by Zimmerman.
- 5) **The Wastewater Crew continued this month cleaning and televising the lines in various locations of the Township as part of the I&I and preventative maintenance program.**

- 6) Aston Ave Metering Station: June, 2018 the new monitoring systems was installed.
- 7) **The department is currently working on the 2018 Chapter 94 Report that will need to be submitted to the DARA and PAWC Treatment Plants by the March 1st deadline.**

Education and Safety

As part of the monthly safety awareness program, informational materials on "Equipment and Workers Safety" were distributed to and discussed with the Wastewater crew.

Pennsylvania One Call System Response Summary

Responses for FQ1 as of 2/14/2019 1:35 PM

Date Range: 01/01/2019 through 01/31/2019

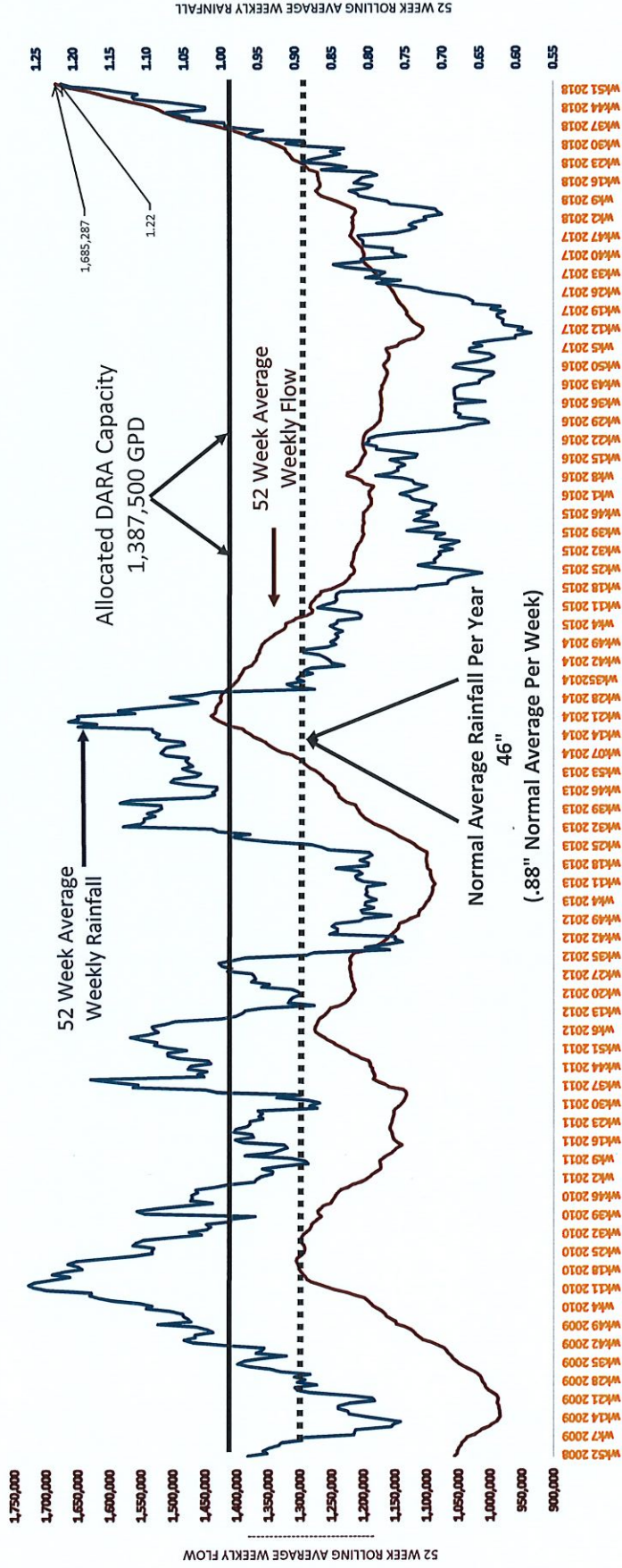
Ticket Responses	Qty	Percent of Total Responded	Percent of Total Delivered
CLEAR - NO FACILITIES	73	73	73
CONFLICT. LINES NEARBY. DIRECT CONTACT TO FOLLOW BY FACILITY OWNER	7	7	7
FIELD MARKED	20	20	20
Total Tickets Delivered: 100 Total Responses Received: 100 Response Rate: 100%			

2019 RESIDENTIAL SOLID WASTE TRACKING REPORT

	Week	Landfill (Tons)	Single Stream Recycle (Tons)	Christmas Trees (Tons) 20 LBS Per Tree	Chipping Program (Tons) 1 Cubic Yd = 500 lbs	White Goods (Tons) Refrigerators/Freezers 1=250 lbs Other Appliances 1=150 lbs	Yard Waste (Tons) Leaves 4 Cubic Yd = 1Ton Grass Clippings 2 Cubic Yards = 1Ton Mixed Yard Waste = 600 lbs/cy (Hauler)	Recycle Rate %
January	1	92.01	39.19	2.26				Christmas Tree Collection
	2	69.34	27.56	2.25				
	3	64.55	23.83	1.23				
	4	62.11	21.88	0.91				
	TOTAL	288.01	112.46	6.65	0.00	0.00	0.00	29.26
February	1	61.85	27.31	0.28				Christmas Tree Collection
	2	68.68	25.81					
	3							
	4							
	TOTAL	130.53	53.12	0.28	0.00	0.00	0.00	29.03
March	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
April	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
May	1							Chipping & YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
June	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
July	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
August	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
September	1							YW Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
October	1							Chipping, YW & Leaf Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
November	1							YW & Leaf Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
December	1							YW & Leaf Collection
	2							
	3							
	4							
	TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	#DIV/0!
YTD Total		418.54	165.58	6.93	0.00	0.00	0.00	0.00

Total Tonnage Collected	591.05	
Total Tons Recycled	172.51	\$4,139.50
YTD Recycle Rate Percentage	29%	
YTD Landfill Costs	\$26,368	
Landfill Yardwaste Costs	\$0.00	

DARA 52 WEEK ROLLING AVERAGE FLOW COMPARED TO RAINFALL



Caln Township Municipal Authority
253 Municipal Drive
Thorndale, PA 19372
Monday December 17, 2018
7:00 PM

Those Present and Absent:

Paul Mullin – Chairperson
George Chambers – Vice Chair
John D. Contento – Treasurer (Absent)
Tony DiSario – Assistant Treasurer/Assistant Secretary
Noel Bernard – Secretary
Scot Gill – Wastewater Department Director
Kristen Denne – Township Manager (Absent)
Jennylyn Tanedo – Recording Secretary
Bill Dingman – P.E., Gilmore & Associates, CTMA Engineer

Mr. Mullin called the meeting to order at 7:00 PM

Minutes of the November 26, 2018 Meeting

Mr. Mullin called for additions or corrections to the November minutes. There were none. After discussion, Mr. Chambers motioned, seconded by Mrs. Bernard, to adopt the November 26, 2018 minutes, as presented. Vote passed 3-0 with 1 Abstained.

Public Comment

Mr. Mullin called for public comments. There were none.

DARA Over Capacity Discussion

Mr. Dingman presented and discussed draft form related to Caln Township Act 537 Plan-2018 Summary, PAWC 2023 Capacity Option, DARA 2023 Capacity Option, 2018 Analysis Assumptions, Act 537 Planning/Implementation (1998-2018) and Flow Capacity Discussion Items. Also presented the map from the 2017 Chapter 94 Map of the service area and a PADEP Chapter 94 projected hydraulic load spreadsheet along with the associated chart.

Dogwood/Scott Drive Project Update

Mr. Gill informed the board that to date we received payment for 39 Full Tapping Fees (34 Connected and 5 Still need connected) and 2 five year extensions granted (Special Part Tapping Fee Paid). Mr. Gill presented signed copies of the Grinder Pump Operation and Maintenance Agreement for the properties that will need signed by the Chairman. Mr. Chambers made a motion seconded by Mr. Disario to authorize the Chairman to sign the Operation and Maintenance Agreement for Grinder Pump System for 1327 Skyline Drive. Vote passed 4-0.

Mr. Gill presented a request letter from Fidelity Contracting to release the final retainage in the amount of \$2,010 in order to close out the project. All the punch list items have been addressed. Mr. Disario made a motion, seconded by Mrs. Bernard to authorize the chairman to release the final retainage in the amount of \$2,010 to Fidelity Contracting in order to close out the project. Voted passed 4-0.

2019 Professional Consultant Resolution 2018-4-CTMA

Mr. Gill presented the board the Resolution 2018-4-CTMA, adopting the Professional Consultants fees for the Authority's Professional Consultants. Mr. Chambers made a motion, seconded by Mr. Disario to authorize the chairman to adopt the 2019 schedule of fees for the Authority's Professional Consultants. Voted passed 4-0.

Then Mr. Chambers made a motion, seconded by Mrs. Bernard to authorize the chairman to extend Caln Township Municipal Authority's General Engineering Consulting Agreement, dated December 16, 2013, with Gilmore & Associates, Inc., until December 31, 2019. Voted passed 4-0.

Mr. Gill presented the copies of the Professional Consultants fees for Hydraterra Professionals, LLC. Mrs. Bernard made a motion, seconded by Mr. Disario to authorize the chairman to retain Hydraterra Professionals, LLC for special projects at their proposed 2019 rate schedule and to extend Caln Township Municipal Authority's General Engineering Consulting Agreement, with Hydraterra Professionals, LLC, until December 31, 2019. Voted passed 4-0.

2019 Budget Resolution 2018-5-CTMA

Mr. Gill presented the Resolution 2018-5-CTMA establishing the sewer rates effective January 1, 2019, with the 2019 Operating and Capital Fund budgets. The resolution proposes no increase in sewer rates. Mr. Chambers made a motion, seconded by Mrs. Bernard to authorize the chairman to adopt the 2018-5-CTMA Resolution effective January 1, 2019. Voted passed 4-0.

Financials; Sewer Operating Fund, Act 57 Fund, and Delinquency Reports

Mr. Gill reviewed the cash basis summary and detailed accrual reports of revenue and expenditures for the Sewer Operating Fund, Municipal Authority's Tapping Fee Account, and Capital Fund for the month of November 2018. After discussion Mr. Chambers made a motion and seconded by Mrs. Bernard to approve the November financials, as submitted. Vote passed 4-0.

Mr. Gill reviewed and discussed the current delinquency report for the month of November, reflecting current year accounts past due, prior year's outstanding balances sent to Portnoff Law Associates for collection, and the status of commercial in house collection.

Directors Report

Mr. Gill discussed his November, 2018 department report and noted a list of current projects which the Department is working on, and their progress.

Adjournment

There being no further business, Mr. Chambers made a motion, and seconded by Mrs. Bernard to adjourn the December 2018 meeting at 10:30 pm. Vote passed 4-0.

Respectfully Submitted,

Jennylyn Tanedo,
Administrative Secretary

**CALN TOWNSHIP MUNICIPAL AUTHORITY
CHESTER COUNTY, PENNSYLVANIA
RESOLUTION NO. 2019- 1 -CTMA**

**A RESOLUTION OF THE CALN TOWNSHIP MUNICIPAL AUTHORITY
ESTABLISHING A RESERVATION OF SANITARY SEWER CAPACITY
POLICY AND A RESERVATION OF CAPACITY FEE.**

WHEREAS, the Caln Township Municipal Authority (the "Authority") is empowered to enact and from time to time, to revise a schedule of certain fees to be charged against property owners connecting to the Authority's sanitary sewage collection and transmission lines (the "Sewer System") and where applicable, utilizing a portion of the Authority's sewage treatment capacity; and

WHEREAS, Caln Township (the "Township") is served by two wastewater treatment facilities, one owned by the Downingtown Area Regional Authority ("DARA") and the other owned by Pennsylvania American Water Company ("PAWC"); and

WHEREAS, the Township has entered into agreements with both PAWC and DARA for a fixed quantity of wastewater treatment capacity at each treatment facility; and

WHEREAS, Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the Pennsylvania Sewage Facilities Act, 35 P.S. Section 750.1 et seq. ("Act 537") as amended, and the Rules and Regulations promulgated by the Pennsylvania Department of Environmental Protection ("PADEP") adopted thereunder, which are codified in Chapter 71 of Title 25 of the Pennsylvania Code, requires the Township to develop and implement a comprehensive official plan which provides for the resolution of existing sewage disposal problems, provides for future sewage disposal needs of new land development and provides for future sewage disposal needs of the Township, and

WHEREAS, the Township has prepared an Act 537 Official Sewage Facilities Plan which provides for a sewage facilities for the Township and adopted such plan by **Resolution No. 2005-27** as attached hereto as **Exhibit A**, and

WHEREAS, on March 26, 2010 the PADEP approved the Township's Official Plan, as prepared by EDM Consulting, Inc., a Bursich Company, dated October 2005, last revised by additional information dated June 26, 2007. Attached hereto is the PADEP letter dated March 26, 2010 as **Exhibit B**.

WHEREAS, the Authority, under the direction of the Township, is responsible for the implementation of the Township's Official Plan, and

WHEREAS, the Authority would like to establish a policy for the reservation of allocated sanitary sewer capacity and establish a reservation of capacity fee within the Sewer System.

NOW THEREFORE, BE IT HEREBY RESOLVED by the Board of Directors of the Caln Township Municipal Authority, Chester County, Pennsylvania, to adopt an allocation of sewage capacity policy and reservation of capacity fee, as follows:

SECTION 1

Purpose.

The Authority has determined that allocation to and reservation of sanitary sewer system capacity for future use creates an unreasonable and inequitable economic burden upon the Authority and the existing users of the Sewer System. Until such time as persons who have been granted reserve capacity choose to make use of such capacity, the Authority and ultimately the existing users of the system are required to amortize the costs of the fixed operation expenses and debt needed for such reservation. It is therefore, deemed to be in the interest of the Authority and the existing users of the sanitary sewer system to establish a policy on the payment of tapping fees and establish a reservation of capacity fee for the fixed operation expenses and debt in proportion to the existing users of the system for persons desiring or required to reserve sanitary sewer system capacity.

SECTION 2

Application for reservation of sewer capacity.

- 1) Any applicant whose project proposes to utilize more than one (1) residential equivalent dwelling unit ("EDU") shall prepare and submit to the Authority a development plan in accordance with Authority rules and regulations and a written request for the allocation to and reservation of sanitary sewer capacity.
- 2) The submission for the reservation of such sewer capacity shall contain a connection time schedule for the project and include such other information and supporting data as the Authority shall determine is reasonably necessary to estimate a five-year sewage flow from the project.
- 3) The Authority shall, in its sole discretion, based upon competent engineering advice and all other factors and conditions relating to the sanitary sewage system existing at the time of approval, determine the sewer capacity to be allocated to and reserved by the applicant for the project.
- 4) An escrow will need to be established so the Authority's Engineer can complete an evaluation of the existing system to determine that the project will not create a hydraulic overload in the Sewer System.
- 5) Flow data which shows all the proposed uses that will be needing public sewer along with the official request must be submitted, so the Authority's Engineer can proceed with the capacity evaluation once the escrow is established.

- 6) A plan that shows the proposed project along with any proposed locations of sewer extensions that will need to be installed to serve the project.
- 7) Once the flow data evaluation is complete and if it determines that improvements and/or upgrades are needed in the existing system, they will be addressed as part of a sewer capacity reservation agreement between the Authority, and the applicant.
- 8) Once the evaluation is done and the agreements are executed a complete PADEP sewage planning module, along with the executed agreements will need to be submitted to the PADEP by the applicant for review and approval. Once the applicant receives all governmental approvals, and meets all the conditions outlined in the executed agreements capacity will then be considered allocated for the project in accordance with the executed agreements.
- 9) In the event that the PADEP shall cancel, revoke or stay the effectiveness of any approval or permit for any reason, or should it for any reason impose a ban on connections or extensions to the Sewer System, or should a prohibition on connections or extensions to the Sewer System arise by operation of law or regulation, or if the Authority is unable to permit connection for any reason whatsoever, the Authority shall not as a result thereof incur any liability of any nature to an applicant for allocated capacity.

SECTION 3

Reserved Sewer Capacity.

- 1) The Authority shall require the payment of applicable tapping fees in no more than three equal installments. Upon receipt by the Authority of the first installment of the tapping in accordance with term outlined in the executed agreement, the applicant shall be deemed to have reserved 33% of the total EDUs requested (total EDUs rounded to lowest EDU) of sewer capacity reserved for the property.
- 2) Upon receipt by the Authority of the second installment of the tapping fee in accordance with term outlined in the executed agreement, the applicant shall be deemed to have reserved 66% of the total EDUs requested (total EDUs rounded to lowest EDU) of sewer capacity for the property.
- 3) Upon receipt by the Authority of the third and final installment of the tapping fee in accordance with term outlined in the executed agreement, the applicant shall be deemed to have reserved all of the sewer capacity for the property.
- 4) If for any reason, the applicant fails to make payment in accordance with SECTION 3 (2) and/or (3) above within 1 year of the date of the executed agreement, then the applicant shall pay a monthly charge of 60% of the average sanitary sewer bill for a residential customer in the same sewer service area for the same billing period for each EDU that is proposed to be connected and for which the tapping fees

having not been paid in order to maintain any reservation of capacity. For any EDU so reserved, the applicant shall pay the prevailing tapping fee in effect at the time of connection. The Authority shall have no monetary obligation to refund applicant for any tapping fees or sewer rentals paid by applicant for any unused EDU(s) if the unused EDU(s) is relinquished.

SECTION 4

Purchased Sewer Capacity

Upon receipt by the Authority of the total amount of the tapping fee in accordance with SECTION 3 (1), (2) and (3) above, Applicant shall be deemed to have purchased the sewer capacity for the property in the Sewer System.

SECTION 5

Reservation and Use Periods; Refunds

- 1) If sewer capacity in the Sewer System is reserved by the applicant under SECTION 3 (1) and (2), but applicant does not reserve all of the capacity under its agreement or the applicant does not obtain sewage planning module approval within five (5) years of the date of execution of the capacity reservation agreement, unless extended by the agreement of the applicant and the Authority, or if the Applicant fails to pay the sewer reservation fee under SECTION 3 (4), Applicant shall return the unused EDU(s) to the Authority, and the agreement with the Authority shall cancel and terminate. All payments by the applicant to the Authority under the capacity reservation agreement shall be nonrefundable.
- 2) If the sewer capacity in the Sewer System is reserved by the applicant under SECTION 3 (1) and (2) and purchased under SECTION 4, then SECTION 5 (1) shall not apply and if the capacity is not used within five years of the date of sewage planning module approval, the applicant may retain any unused EDU(s) by paying the sewer rentals then in effect for each EDU, and upon default of any such payment following reasonable written notice from the Authority with an opportunity to cure, the unused EDU(s) shall be deemed to be returned to the Authority and relinquished. Otherwise, the applicant may return the unused EDU(s) to the Authority. The Authority shall have no monetary obligation to refund the applicant for any tapping fees or sewer rentals paid by the applicant for any unused EDU(s) if the unused EDU(s) is relinquished.
- 3) The applicant will also be required to execute and submit to the Authority in recordable form satisfactory to the Authority a sewer capacity relinquishment agreement for the relinquished EDUs. However, the relinquishment agreement

will only be recorded in accordance with the sewer capacity reservation agreement.

SECTION 6

Miscellaneous provisions.

- 1) Sewer capacity allocated to and reserved by a person shall apply to and be valid only for such persons, or their successor in title, for the unimproved lot, parcel, tract or any part of a subdivision or land development made the subject of the application. Capacity that has been allocated cannot be transferred to another tract of land.
- 2) The reserve capacity applicable to such lot, parcel, tract or part of the subdivision or land development shall be transferred to the new owner thereof, with or without a formal assignment of such reserve capacity.
- 3) Reserved capacity shall not be sold, transferred or assigned to any other person or for the use of any other subdivision or land development, without the express written approval of the Authority. Capacity that has been allocated cannot be transferred to another tract of land.
- 4) In no event shall the Authority or any officer or agent thereof approve an assignment of sewer capacity unless there exists, at the time of such request for sewer capacity, demonstrable treatment and conveyance capacity in the Sewer System as determined by PADEP's approval of the required Act 537 sewage facility planning. The completion of the Chapter 94 consistency requirements of an Act 537 planning module or planning module exemption by the Authority is not an allocation of capacity.

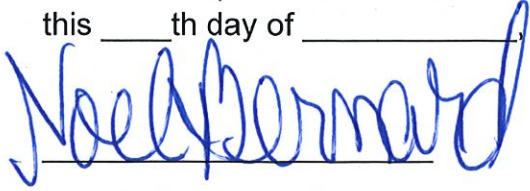
SECTION 7

Resolution 2005-10-CTMA is hereby repealed. This Resolution shall supersede all resolutions or parts thereof inconsistent herewith.

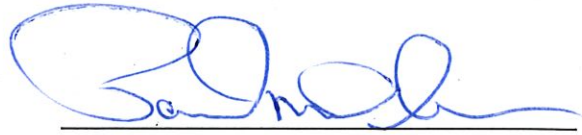
SECTION 8

Unless otherwise provided herein, this Resolution shall be effective upon adoption.

RESOLVED, APPROVED AND ADOPTED by the Caln Township Municipal Authority
this ____th day of _____, 2019.



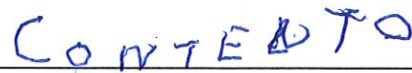
Noel Bernard, Secretary




Paul F. Mullin, Chairperson



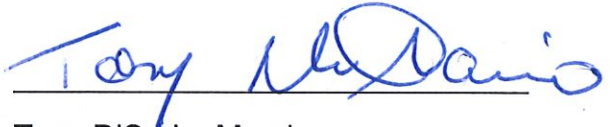
George Chambers, Vice Chairperson



John D. Contento, Member



Noel Bernard, Member



Tony DiSario, Member

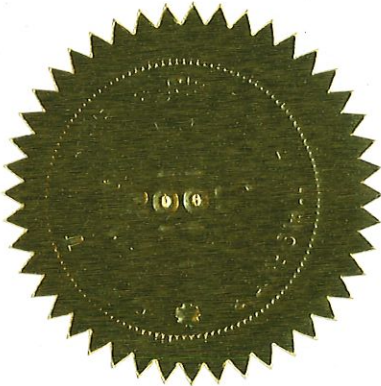


Exhibit A

Resolution No: 2005-27

CALN TOWNSHIP
CHESTER COUNTY, PENNSYLVANIA

RESOLUTION NO. 2005 - 27

A RESOLUTION ADOPTED PURSUANT TO THE PENNSYLVANIA SEWAGE FACILITIES ACT, 35 P.S. SECTION 750.1 ET SEQ. AND THE REGULATIONS PROMULGATED THEREUNDER, APPROVING THE TOWNSHIP'S OFFICIAL WASTEWATER FACILITIES PLAN.

WHEREAS, Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the "Pennsylvania Sewage Facilities Act", 35 P.S. Section 750.1 et seq. (the "Act"), as amended, and the rules and regulations promulgated by the Pennsylvania Department of Environmental Protection (the "Department") adopted thereunder, which are codified in Chapter 71 of Title 25 of the Pennsylvania Code, requires the Township to develop and implement a comprehensive official plan which provides for the resolution of existing sewage disposal problems, provides for future sewage disposal needs of new land developments and provides for future sewage disposal needs of the Township (the "Official Plan"); and

WHEREAS, once adopted by the Township, the Official Plan must be submitted to the Department for approval; and

WHEREAS, the Township has retained EDM Consultants, Inc. to prepare the Official Plan which is attached hereto which is titled, "Act 537 Official Sewage Facilities Plan" and is dated May, 2005; and

WHEREAS, the Official Plan has been submitted to the Caln Township Planning Commission, the Chester County Planning Commission ("CCPC") and the Chester County Health Department ("CCHD") in accordance with the Act; and

WHEREAS, at its July 26, 2005 meeting, the Caln Township Planning Commission reviewed the Official Plan and offered no written comments or recommendations to the Board of Commissioners concerning the Official Plan; and

WHEREAS, the CCPC issued a review letter dated July 28, 2005 wherein it offered several comments and suggestions to the Township regarding possible revisions to the Official Plan; and

WHEREAS, the CCHD issued a review letter dated August 22, 2005 wherein it offered several comments and suggestions to the Township regarding possible revisions to the Official Plan; and

WHEREAS, the Township advertised its intention to adopt the Official Plan in the *Daily Local News* on September 7, 2005 consistent with the Act and provided a thirty (30) day review period for the public to comment; and

WHEREAS, the Township did not receive any public comment on the Official Plan; and

WHEREAS, the Official Plan contemplates the following alternatives to meet the sewage needs of the Township:

Phase 1

1. Provide sewer service for the twenty lots in the Parkside subdivision at an estimated cost of \$172,000.
2. Purchase 75,000 gallons per day (gpd) of sewer treatment capacity at Downingtown Area Regional Authority ("DARA") from the Borough of Downingtown. Estimated cost \$938,000.

Phase 1A

3. Develop and adopt an On-Lot Disposal System Management Ordinance for the areas of the Township not served by public sewers.
4. The Caln Township Municipal Authority ("CTMA") has been established to own, operate and maintain the sewage facilities in the Township. The CTMA, under the direction of the Township, is responsible for the implementation of the Township's Official Plan.
5. Participate in Pennsylvania American Water Company ("PAWC") East End Interceptor improvements to increase the conveyance capacity to allow for the discharge of up to 570,000 gpd of wastewater from Caln Township to the PAWC Coatesville Wastewater Treatment Plant ("WWTP"). Estimated Cost \$1,140,000.
6. Design and construct a new 536 gallon per minute (gpm) pump station and eight inch diameter force main to pump wastewater from the Caln Interceptor near Municipal Drive to the PAWC East End Interceptor in Coatesville as shown on Plate 5. Estimated Cost \$2,400,000.

Phase 2

7. Participate in PAWC East End Interceptor improvements to increase the conveyance capacity to allow for the discharge of up to 800,000 gpd of wastewater from Caln Township to the PAWC Coatesville WWTP. Estimated Cost \$454,000.

The key implementation activities/dates include the following:

<u>Item</u>	<u>Completion</u> <u>Days after PaDEP Plan</u> <u>Approval</u>
<u>Phase 1</u>	
Construct Parkside Area Sewers	(-90 days)
DEP Approval of Plan	0 days
Purchase DARA Capacity (75,000 gpd)	60 days
<u>Phase 1A</u>	
PAWC Phase 1A Improvements	90 days
Adopt OLDS Ordinance	180 days
Design of Municipal Drive Pump Station and Force Main	300 days
Permit and Bid Municipal Drive Pump Station and Force Main	420 days
Construct Municipal Drive Pump Station and Force Main	700 days
<u>Phase 2</u>	
PAWC Phase 2 Improvements and WWTP Expansion	1,095 days

WHEREAS, the Board of Commissioners finds that the Official Plan attached hereto as Exhibit "A" and summarized above conforms to applicable zoning, subdivision, and other applicable municipal ordinances and provides a comprehensive program of pollution control and water quality management; and

WHEREAS, the Board has reviewed the Official Plan and finds that the alternatives set forth therein are adequate for the wastewater disposal and management needs of the entire Township, and as soon as it is approved by the Department intends to implement the Official Plan;

NOW, THEREFORE, BE IT AND IT IS RESOLVED that the Caln Township Board of Commissioners hereby adopts the Official Plan which is attached hereto as Exhibit "A" and which is more particularly defined and summarized above.

ADOPTED AND RESOLVED this 27th day of October 2005.

ATTEST:

**CALN TOWNSHIP
BOARD OF COMMISSIONERS**

Janet Bugar
Janet Bugar, Secretary

Arnold M. Kring
Arnold M. Kring, President

Thomas C. Hinkle
Thomas C. Hinkle, Vice President

Illaria Steele
Illaria Steele, Member

James Sacco
James Sacco, Member

David Mushrush
David Mushrush, Member

I, Janet Bugar, Secretary, of the Board of Commissioners of Caln Township hereby certify that the foregoing is a true copy of the Township's Resolution No. 2005-27, adopted on October 27, 2005.

AUTHORIZED SIGNATURE

Janet Bugar
Janet Bugar, Secretary

Exhibit B

PADEP Letter Dated March 26, 2010



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

MAR 26 2010

RECEIVED MAR 31 2010

Mr. Greg Prowant, Manager
Caln Township
253 Municipal Drive
Thorndale, PA 19372

Re: Act 537 Plan Update
Official Sewage Facilities Plan
APS ID 512869, AUTH ID 619116
Caln Township
Chester County

Dear Mr. Prowant:

This letter is a reissuance and revision of our December 21, 2009, approval of the above-referenced plan.

We have completed our review of your municipality's updated official sewage facilities plan titled Act 537 Official Sewage Facilities Plan, as prepared by EDM Consulting, Inc., a Bursich Company, dated October 2005, last revised by additional information dated June 26, 2007. The review was conducted in accordance with the provisions of the Pennsylvania Sewage Facilities Act.

Approval of the plan is hereby granted. The plan provides for the following:

1. Proposed sewer growth areas, existing sewer service areas, on-lot sewage disposal system areas, the sewer service area served by the Veteran's Administration Hospital, and the sewer service area served by West Brandywine Township are approved as shown in the plan in Appendix A, Plates 5 and 6.
2. Caln Township's (Township) bulk capacity allocation in the Pennsylvania American Water Company's (PAWC) Coatesville Wastewater Treatment Plant will be increased from 0.18 million gallons per day (MGD) to 0.8 MGD, consistent with the terms and conditions set forth in their capacity agreement with PAWC dated March 10, 2005, as provided in Appendix D of the plan.

SCANNED

MAR 31 2010

ELECTRONICALLY FILED

Southeast Regional Office | 2 East Main Street | Norristown, PA 19401-4915

484.250.5970 | Fax 484.250.5971

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3. Under the approved plan and consistent with the Intermunicipal Agreement of December 27, 1985, as amended, on February 23, 2000 (Third Amendment), by and among Downingtown Area Regional Authority (DARA) and its tributary municipalities, sewage flows to DARA's Downingtown Regional Water Pollution Control Center (DRWPCC) from the Township are to remain consistent with prior years, until such time as the plan and Intermunicipal Agreement may be modified in the future.¹ The Intermunicipal Agreement with DARA provides for maximum annual average flows from the Township of 1.3875 MGD and a 12 consecutive week average daily flow not to exceed 150 percent of the lowest 12-week average daily flow to DARA's DRWPCC for any 12-week period during the previous 52 weeks, as adjusted by DARA to account for new connections and unusual weather conditions.
4. The plan provides for a flow diversion from a service area in the western and central portions of the Township. This service area is to be shared between the PAWC Wastewater Treatment Facility and the DARA DRWPCC.
5. Pretreatment requirements for facilities that discharge industrial waste to the public sewers throughout the shared service area will be enforced by the Township and Caln Township Municipal Authority in accordance with the most restrictive pretreatment requirements in effect from either the PAWC facility or the DARA facility. Both DARA and PAWC will be contacted as part of the emergency contact system for the shared service area.
6. Planning approval is granted through this revision for a sewage pumping station and an 8-inch force main that will divert sewage flows to PAWC from the shared PAWC/DARA service area. The Municipal Drive Pump Station will be located adjacent to the existing Caln Interceptor in the vicinity of Municipal Drive Park and will ultimately divert average daily flows of 0.702 MGD to the PAWC system at Manhole 54. The capacity agreement with PAWC for the pumping station provides for a maximum pumping rate from the flow diversion of 536 gallons per minute, or 0.772 MGD. The proposed facilities will be owned and operated by the Caln Township Municipal Authority and are shown on Plate 5, Service Area Alternative MD-1, found in Appendix A.

¹ The Department acknowledge that the December 27, 1985, Intermunicipal Agreement with DARA has been amended by the parties to that agreement on May 1, 1996, January 18, 1999, February 23, 2000, May 18, 2006, and January 18, 2010.

Planning approval for the Municipal Drive Pump Station provides for metering of the total flows received at the pump station, metering the flows pumped to PAWC, and calculating the flows sent by gravity to DARA in order to determine a ratio of flows to each facility. Wet and dry weather flows will be conveyed to the PAWC Wastewater Treatment Facility and DARA's DRWPCC at ratios consistent with the flow rates allowed under the respective DARA Intermunicipal Agreement and the PAWC capacity agreement (referenced in Items 2 and 3, above) up to the maximum allowable flow rate. Flows to DARA will not exceed the maximum annual average flows of 1.3875 MGD and a 12 consecutive week average daily flow not to exceed 150 percent of the lowest 12-week average daily flow to DARA's DRWPCC for any 12-week period during the previous 52 weeks, as adjusted by DARA to account for new connections and unusual weather conditions, subject to the provisions in Item 3, above. Flows to PAWC tributary to the pump station in excess of the maximum allowable flow rate of 0.772 MGD will flow by gravity to DARA's DRWPCC.

7. Planning approval provides for Chapter 94 reporting by the Caln Township Municipal Authority to both PAWC and DARA. The Chapter 94 Report is to provide both total average flows and instantaneous or hourly total wet weather peak flows (1) received at the Municipal Drive Pump Station; (2) pumped to PAWC's Wastewater Treatment Facility; and (3) conveyed by gravity to DARA's DRWPC. The Chapter 94 Report must document that sewage flows from the shared sewer service area are being conveyed to PAWC Wastewater Treatment Facility and DARA's DRWPC consistent with the ratios indicated in Item 6, above, and as set forth in the respective DARA Intermunicipal Agreement and the PAWC capacity agreement, referenced in Items 2 and 3, above.
8. Water Quality Permit No. 1509401 was issued to the Caln Township Municipal Authority for the Municipal Drive Pump Station and associated force main on July 7, 2009. To assure implementation of the Township's plan to control wet weather sewage flows to be conveyed to PAWC's Wastewater Treatment Facility and DARA's DRWPCC through the diversion at the ratios as indicated in Item 6, above, the Caln Township Municipal Authority will install a flow metering and flow controller system necessary to assure that these ratios are maintained during wet weather/high-flow conditions.
9. The Township will develop and implement an On-Lot Sewage Disposal System (OLDS) Sewage Management Program within 5 years for the areas of the Township designated as on-lot sewage disposal system areas in Appendix A, Plates 5 and 6.

MAR 26 2010

10. If future malfunctions are identified in existing on-lot sewage disposal areas, the Township will use the Department of Environmental Protection's (Department) Component 3m to evaluate and adopt sewage facilities planning for the connection of these areas to public sewers.

Please note that when future needs indicate additional or changed sewage facilities needs in the Township that require additional treatment capacity at PAWC or DARA, additional sewage facilities planning must be adopted by the Township and approved by the Department, along with any necessary changes to the inter-municipal agreements that are needed to serve the identified needs.

The Township Municipal Authority will need to submit to the Department a request for determination whether the Authority needs to amend Water Quality Management Permit No. 1509401 to reflect a proposed installation of flow metering devices and a flow controller system to assure that wet/dry weather ratios are maintained consistent with this Plan Approval.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

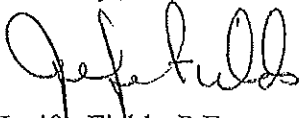
Mr. Greg Prowant, Manager

- 5 -

MAR 26 2010

If you have any questions, please feel free to contact Mr. John M. Veneziale of our office at 484.250.5175.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Water Management

cc: Chester County Planning Commission
Chester County Health Department
EDM Consulting, Inc.
Downingtown Area Regional Authority
Pennsylvania American Water Company
Mr. Veneziale
Ms. Moore
Ms. Grant
Mr. McHale - RCSOB
Planning Section
Re 30 (joh10wqm)075-10

**Caln Township Municipal Authority
Guaranteed Revenue Notes, 2019 Series
Sources and Uses of Funds**

<u>Sources of Funds</u>	<u>Amount</u>
Guaranteed Revenue Notes, 2019 Series	<u>\$ 2,400,000.00</u>
Total sources of funds	<u><u>\$ 2,400,000.00</u></u>

<u>Uses of Funds</u>	
2019 pump station & force main project	<u>\$ 2,386,825.00</u>
Total projects	<u><u>2,386,825.00</u></u>

Costs of Issuance	
DeVal origination costs	12,000.00
DCED application fee	125.00
Newspaper advertisements	<u>1,050.00</u>
Subtotal	<u><u>13,175.00</u></u>
Total uses of funds	<u><u>\$ 2,400,000.00</u></u>

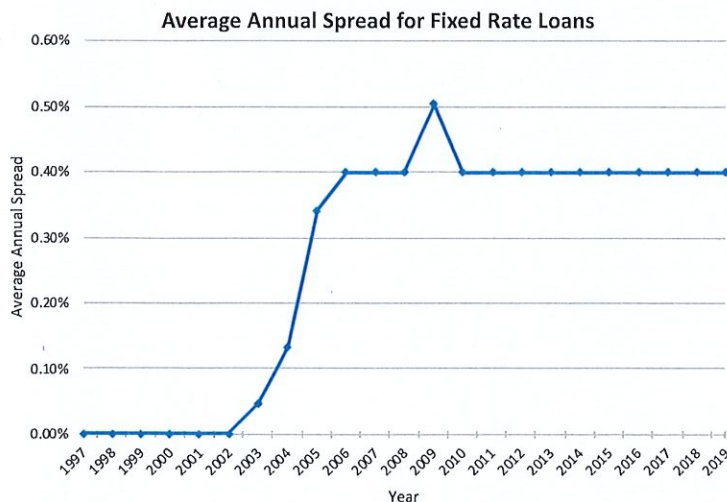
*Delaware Valley Regional Finance Authority
Cahoun Baker Inc., Program Administrator
March 18, 2019*

**Cain Township Municipal Authority
Guaranteed Revenue Notes, 2019 Series
Estimated Debt Service Payments**

<i>Fiscal Year Ending</i>	<i>Principal Amount (1)</i>	<i>Interest Rate (2)</i>	<i>Interest Payment (3)</i>	<i>Total Payment</i>
25-Dec-19	\$ -	2.525%	\$ 29,458.10	\$ 29,458.10
25-Dec-20	94,000.00	2.525%	59,412.78	153,412.78
25-Dec-21	96,000.00	2.525%	57,014.04	153,014.04
25-Dec-22	99,000.00	2.525%	54,552.18	153,552.18
25-Dec-23	101,000.00	2.525%	52,027.20	153,027.20
25-Dec-24	104,000.00	2.525%	49,439.10	153,439.10
25-Dec-25	106,000.00	2.525%	46,787.88	152,787.88
25-Dec-26	109,000.00	2.525%	44,073.54	153,073.54
25-Dec-27	112,000.00	2.525%	41,283.42	153,283.42
25-Dec-28	114,000.00	2.525%	38,430.18	152,430.18
25-Dec-29	117,000.00	2.525%	35,513.82	152,513.82
25-Dec-30	120,000.00	2.525%	32,521.68	152,521.68
25-Dec-31	123,000.00	2.525%	29,453.82	152,453.82
25-Dec-32	126,000.00	2.525%	26,310.24	152,310.24
25-Dec-33	130,000.00	2.525%	23,078.28	153,078.28
25-Dec-34	133,000.00	2.525%	19,757.94	152,757.94
25-Dec-35	136,000.00	2.525%	16,361.88	152,361.88
25-Dec-36	140,000.00	2.525%	12,877.44	152,877.44
25-Dec-37	143,000.00	2.525%	9,304.56	152,304.56
25-Dec-38	147,000.00	2.525%	5,643.30	152,643.30
25-Dec-39	150,000.00	2.525%	1,893.72	151,893.72
Total	\$ 2,400,000.00		\$ 685,195.10	\$ 3,085,195.10

- (1) Principal is payable annually, commencing on: 25-Jun-20
 (2) Fixed rate terminates on: 25-Jun-39 Option date: 25-Jun-29
 Rate assumes spread for the DelVal administrative expenses and net payments on debt service and interest rate swap agreements equals 0.40%.
 (3) Interest is payable monthly, commencing on: 25-Jul-19
 Interest accrues from: 30-Jun-19

*Delaware Valley Regional Finance Authority
Cahoun Baker Inc., Program Administrator
March 22, 2019*

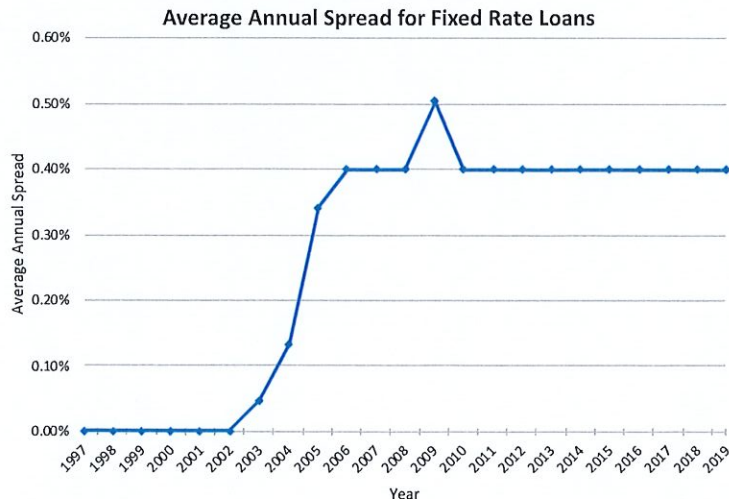


**Cain Township Municipal Authority
Guaranteed Revenue Notes, 2019 Series
Estimated Debt Service Payments**

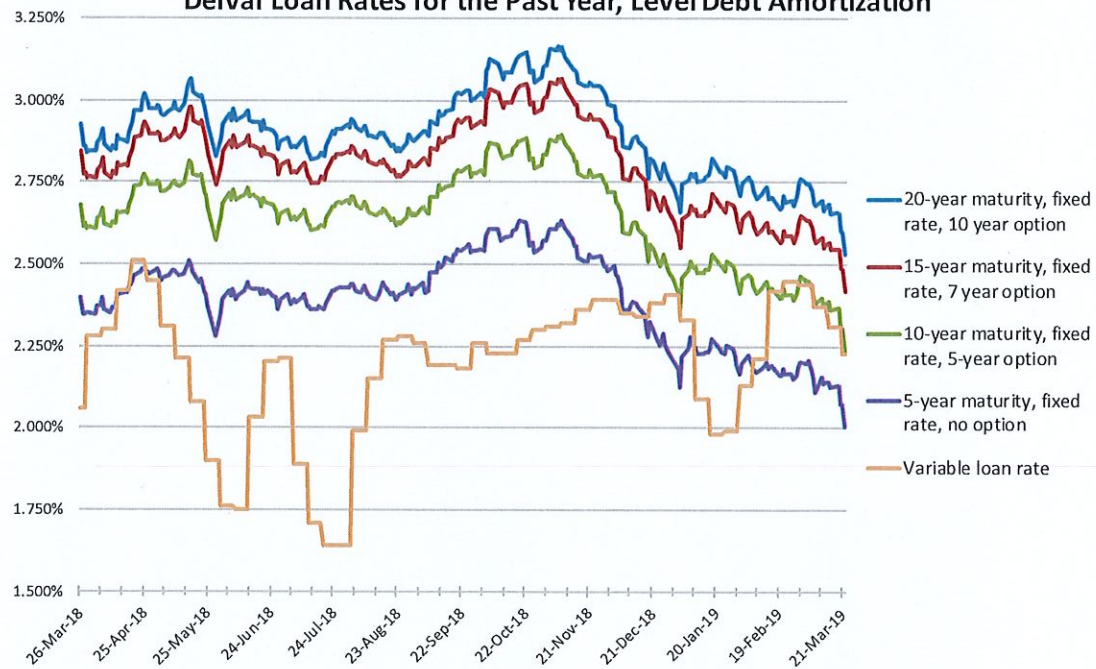
<u>Fiscal Year Ending</u>	<u>Principal Amount (1)</u>	<u>Interest Rate (2)</u>	<u>Interest Payment (3)</u>	<u>Total Payment</u>
25-Dec-19	\$ -	2.724%	\$ 31,780.88	\$ 31,780.88
25-Dec-20	92,000.00	2.724%	64,124.76	156,124.76
25-Dec-21	94,000.00	2.724%	61,591.38	155,591.38
25-Dec-22	97,000.00	2.724%	58,989.84	155,989.84
25-Dec-23	100,000.00	2.724%	56,306.64	156,306.64
25-Dec-24	102,000.00	2.724%	53,555.34	155,555.34
25-Dec-25	105,000.00	2.724%	50,735.88	155,735.88
25-Dec-26	108,000.00	2.724%	47,834.76	155,834.76
25-Dec-27	111,000.00	2.724%	44,851.92	155,851.92
25-Dec-28	114,000.00	2.724%	41,787.30	155,787.30
25-Dec-29	117,000.00	2.724%	38,641.02	155,641.02
25-Dec-30	120,000.00	2.724%	35,413.02	155,413.02
25-Dec-31	123,000.00	2.724%	32,103.24	155,103.24
25-Dec-32	127,000.00	2.724%	28,698.12	155,698.12
25-Dec-33	130,000.00	2.724%	25,197.66	155,197.66
25-Dec-34	134,000.00	2.724%	21,601.92	155,601.92
25-Dec-35	137,000.00	2.724%	17,910.84	154,910.84
25-Dec-36	141,000.00	2.724%	14,124.36	155,124.36
25-Dec-37	145,000.00	2.724%	10,228.92	155,228.92
25-Dec-38	149,000.00	2.724%	6,224.52	155,224.52
25-Dec-39	154,000.00	2.724%	2,097.54	156,097.54
Total	\$ 2,400,000.00		\$ 743,799.86	\$ 3,143,799.86

- (1) Principal is payable annually, commencing on: 25-Jun-20
 (2) Fixed rate terminates on: 25-Jun-39 Option date: 25-Jun-24
 Rate assumes spread for the DelVal administrative expenses and net payments on debt service and interest rate swap agreements equals 0.40%.
 (3) Interest is payable monthly, commencing on: 25-Jul-19
 Interest accrues from: 30-Jun-19

*Delaware Valley Regional Finance Authority
Cahoun Baker Inc., Program Administrator
March 22, 2019*



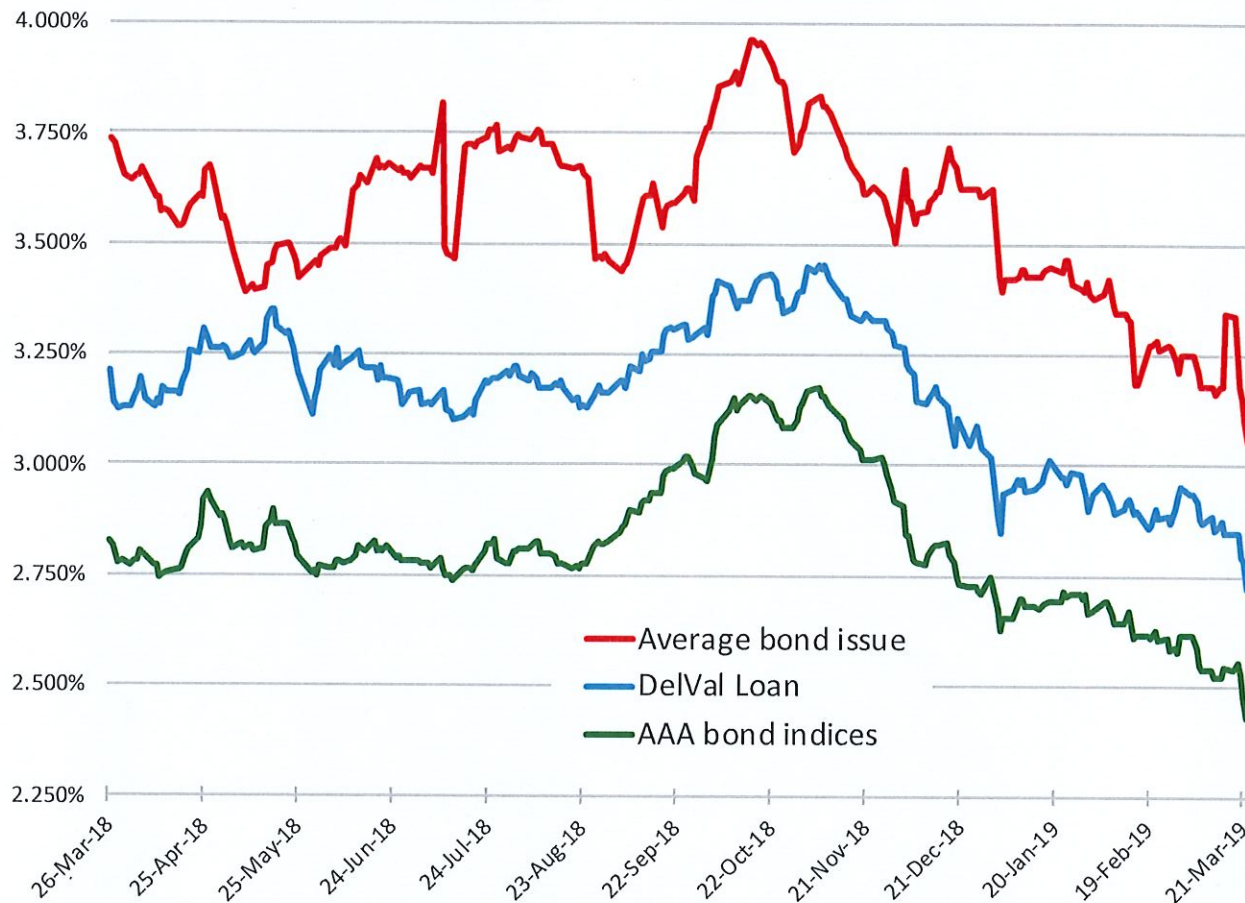
DeVal Loan Rates for the Past Year, Level Debt Amortization



<u>Loan Option</u>	<u>Average Loan Rate</u>			
	<u>Past Year</u>	<u>Past 6-Months</u>	<u>Past 3-Months</u>	<u>Rate as of 22-Mar-19</u>
20-year maturity, fixed rate, 10 year option	2.90%	2.88%	2.73%	2.53%
15-year maturity, fixed rate, 7 year option	2.81%	2.78%	2.62%	2.42%
10-year maturity, fixed rate, 5-year option	2.65%	2.61%	2.44%	2.24%
5-year maturity, fixed rate, no option	2.39%	2.36%	2.19%	2.01%
Variable rate loan	2.19%	2.28%	2.27%	2.23%

Source: Calhoun Baker Inc.

Pro Forma Comparison of All-In True Interest Costs 20-Year, Level Debt Structure



<u>Bond issues in Eastern Pennsylvania*</u>	<u>Month ending</u>			<u>Year Ending</u>
	<u>31-Jan-19</u>	<u>28-Feb-19</u>	<u>22-Mar-19</u>	<u>22-Mar-19</u>
Number of issues	17	17	13	128
Average gross proceeds	\$ 15,766,136	\$ 15,465,302	\$ 11,920,904	\$ 17,000,371
Weighted average rating	AA	AA	AA	AA
Weighted average maturity (years)	10.93	11.65	10.64	11.85
Underwriter fees (% of proceeds)	0.639%	0.541%	0.746%	0.625%
Other costs of issuance (% of proceeds)	0.790%	0.765%	0.888%	0.745%
Debt service costs over:				
Bloomberg AAA General Obligation indices	\$ 1,189,673	\$ 933,263	\$ 894,884	\$ 1,470,649
Comparable DelVal Loan	\$ 967,475	\$ 634,178	\$ 802,008	\$ 1,159,365
All-In True Interest Costs over:				
Bloomberg AAA General Obligation indices	0.744%	0.562%	0.786%	0.744%
Comparable DelVal Loan	0.585%	0.355%	0.590%	0.548%

*Preliminary, some official statements may not have been posted yet or may have been missed inadvertently. Costs of issuance and spreads over (under) the Bloomberg AAA General Obligation Baseline indices are based on the 30-day rolling, weighted average of actual sales of bonds in Eastern Pennsylvania. DelVal rates are based on actual end of day rates and include a 5-year option and rating agency fees.

Past results are not a predictor of future spreads and costs.

Source: Calhoun Baker Inc.

Municipal Drive PS/FM Budget

Bid/Construction Phases -- January 2019

Engineering Municipal Pump Station/Force Main (G/FM)

Pre-Bid Review of Construction Documents (G/FM)	\$15,000
Bid Period Questions/Review & Award Recommendation (G/FM)	\$15,000
Submittal Review/ Constr Adm. (General PS /Force Main)	<u>\$120,000</u>
Total Estimated Engineering Budget (G/FM)	<u>\$150,000</u>

Electrical Engineering Municipal Pump Station/Force Main (Electrical)

Pre-Bid Review of Construction Documents (Electrical)	\$7,000
Bid Period Questions/Review & Award Recommendation (E)	\$5,000
Submittal Review/ Constr Adm. (Electrical)	<u>\$18,000</u>
Total Estimated Engineering Budget (Electrical)	<u>\$30,000</u>

Construction Observation Budget

Construction Observation (G/FM)	Based on 600 Hrs Budget	\$60,000
Construction Observation (E)	Based on 100 Hrs Budget	<u>\$10,000</u>
Total Estimated Engineering Budget (Electrical)		<u>\$70,000</u>

Capital Costs:

1. Construct MDP/FM 2019/2020	\$ 2,910,000
2. PAWC Interceptor Phase 1 Due 2020	\$ 404,000
3. WWTP Capacity Purchase 2020 (130,000 GPD)	<u>\$ 273,000</u>
Total Capital Costs (130,000 GPD)	\$ 3,837,000

