



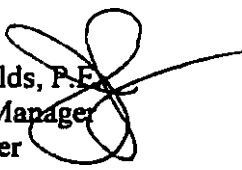
Spencer,
Please see
attachments
to original
memo with ID
John
8/19/16

MEMO

TO Spencer Nahf, FUFA
Public Utility Commission
Bureau of Technical Utility Services
Water/Wastewater Division
P.O. Box 3265
Harrisburg, PA 17105-3265

RECEIVED

AUG 22 2016

FROM Jenifer Fields, P.E.
Regional Manager
Clean Water 

PA PUBLIC UTILITY COMMISSION
SECRETARY'S BUREAU

DATE August 2, 2016

RE Request for Information Regarding Wastewater Treatment
Service Provider
Pennsylvania-American Water Company Wastewater
Division Coatesville District
Aaron King Property
West Caln Township
Chester County
PUC Docket No. A-2015-2507969

MESSAGE:

This is in reply to your request for information on Pennsylvania-American Water Company Wastewater Division Coatesville District's request to "...supply wastewater service to an additional portion of West Caln Township, Chester County...", specifically the Aaron King property (Chester County Tax Parcel UPI# 28-8-76) located at 412 Ash Road in West Caln Township, Chester County.

The Department of Environmental Protection (DEP) approved an Act 537 Plan for West Caln Township as part of the PAWC Coatesville District on November 19, 2009, (copy attached) West Caln Township, as one of the tributary municipalities, provided a resolution of adoption (copy attached). The approval letter indicated West Caln Township as one of several tributary municipalities that are required to conduct further Act 537 planning before they can avail

Exh. 2

Exh 1

expanded capacity in the PAWC treatment plant. However, the plan, on page IV-7, acknowledged that projects could obtain capacity on a first-come basis as part of the DEP planning module or exemption process (copy attached). In addition, the plan, on page IV-1, committed to the continued use of the PAWC Chapter 94 Connection Management Plan for the control and accounting of connections and associated treatment capacity (copy of appropriate portions attached). **Exh 3**
Exh 4

DEP waived the requirement to conduct Act 537 planning on August 4, 2015, for the connection of the proposed new single-family dwelling to the Pennsylvania-American Water Company Wastewater Division Coatesville District's existing forcemain located adjacent to the property.

Please note, the project as originally submitted to DEP in June 2015, contained an existing residence and mobile home connected to a substandard on-lot sewage disposal system. The project proposed the existing dwelling would be demolished and a new home constructed and upon connection to public sewer, the mobile home would be removed from the property and the existing on-lot sewage disposal system abandoned.

We hereby declare our waiver to be the equivalent inclusion of the subject property to West Caln Township's Act 537 Plan's public sewer service area.

Attachments:

cc: Planning Section
Re 30 (GJE16CLW)215-7



EXH. 1

Pennsylvania Department of Environmental Protection

2 East Main Street
Norristown, PA 19401
November 19, 2009

Southeast Regional Office

Phone: 484-250-5970
Fax: 484-250-5971

BY ELECTRONIC MAIL AND U.S. MAIL

Ms. Janet Bugar
Caln Township
253 Municipal Drive
Thorndale, PA 19372

Mr. Harry Walker,
City of Coatesville
One City Hall Place
Coatesville, PA 19320

Mr. George Broadbent
East Fallowfield Township
2264 Strasburg Road
Coatesville, PA 19320

Ms. Pat Montgomery
Highland Township
100 Five Point Road
Coatesville, PA 19320

Mr. Jim Thomas
Parkesburg Borough
329 West First Avenue
Parkesburg, PA 19365

Ms. Lisa A. Myers
Sadsbury Township
P.O. Box 261
Sadsburyville, PA 19369

Ms. Karen E. Chandler
Valley Township
890 West Lincoln Highway
P.O. Box 467
Coatesville, PA 19320

Mr. Ronald A. Rambo, Jr.
West Brandywine Township
198 Lafayette Road
Coatesville, PA 19320

Mr. Gary L. Dunlap
West Caln Township
721 West Kings Highway
P.O. Box 175
Wagontown, PA 19376-0175

Ms. Cynthia Mammarella
West Sadsbury Township
6400 North Moscow Road
Parkesburg, PA 19365

Re: Act 537 Plan Update
Tributary Municipalities of Pennsylvania
American Water Company Wastewater
Treatment Plant
Coatesville Region
Chester County

Ladies and Gentlemen:

This letter is a reissuance and a clarification of our October 21, 2009 approval of the above referenced plan.

We have completed our review of your municipality's updated official sewage facilities plan titled Sewage Facilities Plan Update – Tributary Municipalities of Pennsylvania American Water

Company, as prepared by URS Corporation dated August 2006, revised March 2009. The review was conducted in accordance with the provisions of the Pennsylvania Sewage Facilities Act.

Approval of the plan, as supplemented and amended, is hereby granted subject to the following conditions. This approval provides for the following:

1. The Pennsylvania American Water Company (PAWC) Coatesville wastewater treatment facility will be expanded from 3.85 million gallons per day (MGD) annual average flow to 7.0 MGD annual average flow. Capacity in the expanded facility will first be allocated to bulk customers consistent with the terms and conditions set forth in these municipalities' capacity agreements with PAWC, as presented in Appendix G of the plan. These bulk customers' capacity agreements are the partial basis of the sewage capacity needs projected in the plan. All other customers will be allocated capacity on a "first-come-first serve" basis.
2. The interceptor rehabilitation work approved as part of previous Corrective Action Plan/Connection Management Plan (CAP/CMP) quarterly updates is hereby memorialized through the Act 537 planning process. Additionally, the Department accepts the clarification by URS Corp. to the Department in its November 18, 2009 correspondence that the specific interceptor work identified in the CAP/CMP quarterly updates has been completed or is approved for completion.

The Department offers the following comments on this regional plan:

3. Future improvements to the collection and conveyance system not covered under previous CAP/CMP approvals will be driven largely by the needs of new land development. Additional Act 537 planning must be conducted to address this issue for all municipalities, depending on need. The plan(s) must document existing and future capacities in all major interceptors and pump stations, funding for any required facility expansion, PNDI, and PHMC requirements for any proposed construction projects. The required planning can be included in the sewage facilities planning modules for affected new land developments.
4. We note that PAWC has provided an assurance to the Department that it will work with its customer municipalities to initiate additional Act 537 planning once the annual average flows at the plant reach 80 percent of the 7.0 MGD.
5. The capacity in the expanded plant is currently available to those municipalities that have completed Act 537 planning for their individual municipalities. Specifically, the City of Coatesville and Parkesburg Borough, and Caln, Valley, and West Sadsbury Townships may utilize capacity in the expanded PAWC facility. Additional capacity in the expanded

facility will not be available to East Fallowfield, Highland, Sadsbury, West Brandywine, and West Caln Townships until the Department of Environmental Protection (Department) reviews and approves each municipality's individual Act 537 Plan.

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.

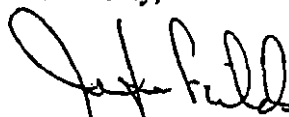
IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

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.

November 19, 2009

If you have any questions, please contact Mr. John M. Veneziaie of this office at the above address or phone number.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Water Management

cc: Chester County Planning Commission
Chester County Health Department
URS Corporation
Mr. Reed - Pennsylvania American Water Company
Brandywine Conservancy
Mr. Veneziaie
Mr. Bram - DEP OCC
Ms. Moore
Ms. Grant
Mr. McHale - RCSOB
Planning Section
Re 30 (joh09wqm)292-8

EXH 2

RESOLUTION OF THE SUPERVISORS OF WEST CALN TOWNSHIP, CHESTER COUNTY,
PENNSYLVANIA (hereinafter "the municipality").

WHEREAS, Section 5 of the Act of January 24, 1966, P.L. 1535, No. 537, known as the "Pennsylvania Sewage Facilities Act," as amended, and the Rules and Regulations of the Department of Environmental Protection (Department) adopted thereunder, Chapter 71 of Title 25 of the Pennsylvania Code, requires the municipality to adopt an Official Sewage Facilities Plan providing for sewage services adequate to prevent contamination of waters and/or environmental health hazards with sewage wastes, and to revise said plan whenever it is necessary to meet the sewage disposal needs of the municipality, and

WHEREAS, The URS Corporation, on behalf of the Pennsylvania American Water Company (PAWC), has prepared an Act 537 Sewage Facilities Plan Update (the Plan) for the Tributary Municipalities of the Pennsylvania American Water Company, dated August 2006 and revised March 2009, which provides for sewage facilities to serve a portion of West Caln Township, and

WHEREAS, The Plan selects the alternative of expanding the existing PAWC owned stream discharge wastewater treatment plant utilizing oxidation ditch technology to achieve a treatment capacity of seven (7) million gallons per day annual average daily flow and commensurate PAWC owned collection and conveyance system improvements as a means of providing for the sewage disposal needs of the tributary municipalities, and

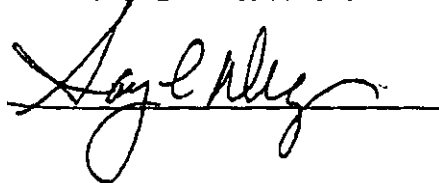
WHEREAS, The Plan provides for an undefined West Caln Township capacity allocation in the expanded PAWC facilities; projects within a Department approved West Caln Township Act 537 plan public sewer service area will be allocated capacity in the PAWC sewerage facilities as is available at the time of any capacity request submitted to PAWC for signature, and

WHEREAS, West Caln Township finds that the Plan described above conforms to applicable zoning, subdivision, other municipal ordinances and plans and to a comprehensive program of pollution control and water quality management.

NOW, THEREFORE, BE IT RESOLVED that the Supervisors of West Caln Township hereby adopt and submit to the Department of Environmental Protection for its approval as a revision to the "Official Plan" of the Township, the above referenced Plan. The Township will ensure a complete and timely implementation of said plan by PAWC as required by law (Section 5, Pennsylvania Sewage Facilities Act, as amended).

I, GARY L. DUNLAP, Secretary, Board of Supervisors of West Caln Township, hereby certify that the foregoing is a true copy of the Township's Resolution No. 26-08, adopted Monday April 13, 2009.

AUTHORIZED SIGNATURE



TOWNSHIP SEAL



Appendix U

Flow Summary

Table IV-1 indicates a projected 5 year total flow of 6,437,328 gpd. As previously indicated, this figure represents all tributary municipality planning information currently available. While some of the required individual Act 537 planning efforts have been completed, there are also several tributary municipalities that have not completed the requisite planning, and their needs are presented on a preliminary basis.

The total Table IV-1 projected 10 year flows are 7,472,417 gpd, and total flows beyond 10 years are 8,743,144 gpd. For the purpose of this planning effort, PAWC proposes construction of a 7 million gallon per day (MGD) wastewater treatment plant, which the composite tributary municipality data suggests will adequately accommodate all projected municipal sewage needs for a period of between 5 and 10 years.

C. CONTRACTED CAPACITIES

In addition to the projected sewage flows, PAWC has committed capacity in the new Wastewater Treatment Plant by agreement with the bulk customer municipalities: Caln Township, Sadsbury Township, Valley Township, and West Brandywine Township. Table IV-1 notes the current contract capacities of these municipalities for reference. PAWC acknowledges that all bulk customers will have a capacity reservation in the expanded WWTP commensurate with all terms of executed contracts.

D. ALLOCATION OF WWTP CAPACITY

As noted above, capacity in the expanded PAWC WWTP will be allocated to bulk customer municipalities in accordance with all executed agreements; however, specific capacity allocations for the remaining municipalities are not feasible. Growth within the region may be constrained if individual municipal planning projections are used to define specific capacity allocations – a municipality that experiences more rapid growth than current projections suggest would not be able to accommodate that growth if needed WWTP capacity is available but allocated to another municipality which does not actually have the need. Flexibility in the overall planning effort must be realized to accommodate for future trends that may result in growth rates different from current projections.

To provide the maximum flexibility to accommodate growth throughout the tributary municipalities, capacity in the expanded PAWC WWTP will be allocated to projects within the non-bulk customer municipalities on a “first come, first serve” basis. Provided all necessary DEP approvals are in place, including applicable individual municipality Act 537 planning, projects will be allowed to connect within the available WWTP capacity at the time of any PAWC capacity determination made in response to a planning module or planning module exemption request submitted to PAWC for signature.

As discussed elsewhere in this planning effort, PAWC will initiate efforts to effectuate a WWTP expansion in excess of the currently proposed 7 MGD capacity whenever flows reach 80% of this capacity. It is anticipated that the timing of any needed future

CHAPTER IV

EXISTING AND PROJECTED SEWAGE NEEDS

A. EXISTING AND APPROVED DEVELOPMENT

The Pennsylvania Department of Environmental Protection (DEP), by letter dated December 20, 2005, had requested that each tributary municipality clearly define their existing PAWC service area. This determination was to be based upon areas delineated in DEP approved Act 537 Plans, DEP approved planning modules, existing connections, and projects shown on Table A2 of the November 2005 Connection Management Plan. PAWC has since worked with each municipality to accurately define the existing service areas per the DEP criteria, and the result of this effort is indicated in Map IV-1. It should be noted that, due to the dynamic nature of ongoing planning efforts, some properties are shown that do not meet the original criteria specified, and the Map IV-1 legend and notes clarify status for all such areas.

B. PROJECTED SEWAGE FLOWS

The ten tributary municipalities within PAWC's service area have completed, or are in the process of completing, individual municipal Act 537 Plans to further document existing and proposed sewage needs and service areas. Future sewage needs information commensurate with the level of each individual municipality's Act 537 planning efforts have been incorporated into this Plan. Municipalities which have not completed an Official Act 537 Plan have, at a minimum, provided data on future connections in order to assist in the determination of projected sewage flows.

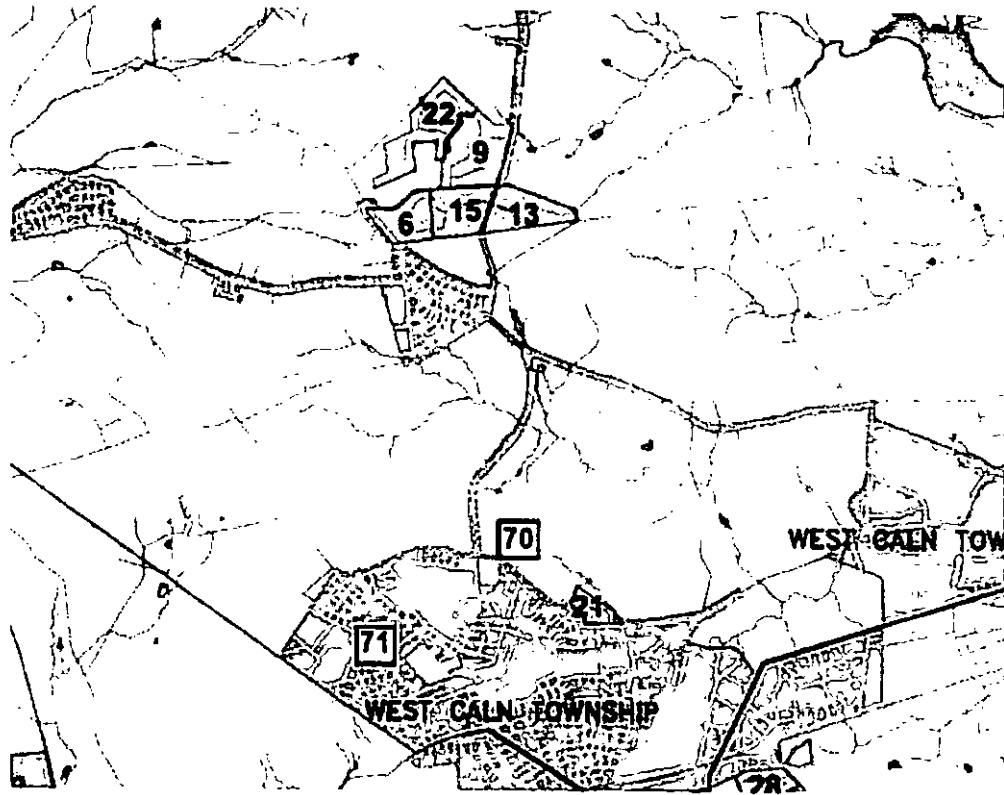
Additionally, PAWC has been actively maintaining and submitting quarterly connection management plans (CMPs). Each CMP presents a summary of all existing connections to the PAWC system, updated as necessary for consistency with the specific quarterly report. The CMPs also contain detailed information regarding the number of connections associated with approved planning modules and the expected timing of these future connections, generally falling within the 0 to 5 year time frame per general Chapter 94 standards for sewage facilities planning. Beyond the 5 year projection, the CMPs also detail the total number of all currently known connection requests from developers and municipalities.

Table IV-1 summarizes all available projected flow data for the tributary municipalities. Data sources for the municipal flow projections includes not only the current individual planning efforts, but information provided by the municipalities to PAWC for use in past and current CMPs, various contractual agreements between PAWC and the municipalities, and communications with municipal officials. Baseline flows and connections are predicated upon the PAWC 2007 Chapter 94 Report and 4th Quarter 2007 CMP, which can be found in Appendix D. Contractual agreements between PAWC and the municipalities can be found in Appendix G.

2015 CHAPTER 94 REPORT
Developments Approved or Exempt Under Construction

Map #	NAME	TOTAL EQ. EDU's	EDUS EQ. ACTIVE	EDUS REMAINING	Equivalent Population *
City of Coatesville					
16	Cambria Terrace	69	43	26	65
Valley Township (d)					
7	Hillview	512	512	-	0
See Trib 94	Oak Crest (Dague)	188	103	85	213
See Trib 94	Lambert Subdivision	3	2	1	3
See Trib 94	Highlands Corp. Center Phase I, II, III	90	36	54	135
See Trib 94	Valley Farm & Mt. Airy Road	81	54	27	68
See Trib 94	London Tract	14	14	-	0
Cain Township (d)					
See Trib 94	Hills of Thorndale Woods(Southdown/Duca)	262	-	262	655
See Trib 94	Dogwood & Scott Drive Sewer Extension	72	-	72	180
See Trib 94	Cain Plaza Shopping Center	4	4	-	0
West Brandywine Township (d)					
See Trib 94	YMCA	67	19	48	120
See Trib 94	West Brandywine Hospital	416	210	206	515
See Trib 94	CASD	100	32	68	170
See Trib 94	Nunemaker Subdivision	2	1	1	3
See Trib 94	Monacy Manor	42	9	33	83
See Trib 94	Traditions at Applecross	382	-	382	955
Sadsbury Township (d)					
40	Sadsbury Park	461	67	394	985
See Trib 94	Lafayette Square	130	40	90	225
See Trib 94	Sadsbury Township existing residents	85	20	65	163
East Fallowfield Township					
12	Stone Creek (Robins Cove)	53	53	-	0
18	North Woods (Thompson North)	27	24	3	8
23	Mendenhall Tract	74	9	65	163
20	Providence Hill (Chen Tract)	218	218	-	0
14	Manchester Farms (Thompson South)	112	111	1	3
49	Ridgecrest (Martin)	72	-	72	180
66	Cardinal Drive Area	77	75	2	5
Parkesburg Borough					
26	Parkesburg Knoll	171	158	13	33
West Sadsbury Township					
73	Lower Valley Road Partners, LP (Victory)	311	232	79	198
72	Upper Valley Road Daycare/Apartment	6	6	-	0
West Cain Township					
22	Cainshire West	124	97	27	68
70	Arron King	1	-	1	3
71	Aaron Glick	2	-	2	5
TOTAL				2,079	5,198

* - Population estimated by multiplying EDU projections by 2.5 people per EDU.



Reference: PAWC
Chapter 94 map