South Park, PA
May 19, 2018

The regular monthly meeting of the Pleasant Hills Authority was called to order at 10:05 a.m., Chairman Richard G. Nieman presiding.

Members present: Messrs. Belcher, Bondi, Howley, Nieman, O'Har and Stuncard
Members absent: Messr. Rodeheaver

Also present: Robert Dengler, P.E., representing the Authority Engineer; Jean Crane, Manager; Mike Majzer, Superintendent; and William Trimbath, representing Pleasant Hills Borough.

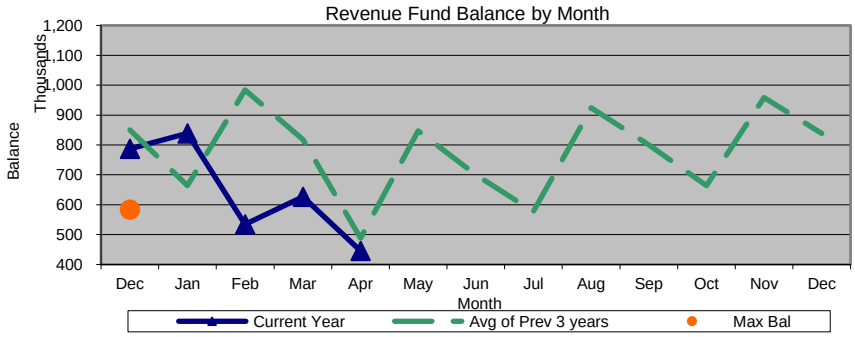
The minutes of the meeting of April 25, 2018 were considered. It was moved by Mr. Howley and seconded by Mr. Belcher to approve the meeting minutes of April 25, 2018 as presented. Motion carried.

Financial Report – The report for April was reviewed. The Capital Fund increased by $351,862 in April primarily due to receipt of Service Fees from Contracting Municipalities. The Debt Service Reserve account balance increased by $129 in April due to interest.

The Treasurer's report for the month of April was presented as follows:

Pleasant Hills Authority
Revenue Fund
Month of April 2018

				April 2018
Dollar Bank	Previous Month		$	250,000.00
Less outstanding checks and Electronic Fund Transfers				104,756.21
Actual Cash Balance	Previous Month		$	145,243.79
DEPOSITS:				
Transfers from Sweep Accounts		165,668.06		
Transfer from Capital Fund	Capital bills	-		
	Service Fees - Contracting Mun	-		
	Service Fees - Contract Customer	-		
Transfer from PennVEST	Reimbursement	9,011.10		
Other	Scrap	237.40		
TOTAL DEPOSITS			$	174,916.56
DISBURSEMENTS:				
O&M Vouchers		170,415.65		
Electronic Fund Transfers		7,722.43		
Capital Vouchers		12,027.76		
Transfers to Sweep Accounts		-		
Other		-		
TOTAL DISBURSEMENTS			$	190,165.84
ADJUSTMENTS:				
Adjust PA Unemp Comp	Rounding difference	0.01		
TOTAL ADJUSTMENTS				0.01
ACTUAL CASH BALANCE	Current Month			**129,994.52**
Add Outstanding Checks and Electronic Fund Transfers				120,005.48
Dollar Bank Balance	Current Month		$	**250,000.00**
REVENUE FUND INVESTMENTS				
Dollar Bank Sweep Account - Principal				367,259.24
Dollar Bank Sweep Account - Accrued Interest		109.33		501.27
TOTAL REVENUE FUND INVESTMENTS				**315,593.88**
TOTAL REVENUE FUND BALANCE (Actual Cash Bal. + Total Invest.)				445,588.40



Pleasant Hills Authority
Pennvest Account

Month of April 2018

			April 2018
Bank BALANCE	Starting balance	$	4,794.78
Less outstanding checks			709,286.08
Actual Cash Balance	Previous Month	$	(704,491.30)
DEPOSITS:			
PENNVEST ACH	Disbursement	2,555,957.68	
From Revenue Fund	For Interest Payment	6,014.16	
Other		-	2,561,971.84
TOTAL CASH BALANCE AND DEPOSITS		$	1,857,480.54
DISBURSEMENTS:			
Checks	1028-1031	1,841,876.82	
PHA Reimbursement	Interest	4,794.78	
PENNVEST ACH	Interest	4,794.78	
Other			
TOTAL DISBURSEMENTS		$	1,851,466.38
ACTUAL CASH BALANCE	Current Month		**6,014.16**
Add Outstanding Checks			1,817,145.90
Bank BALANCE	Current Month	$	**1,823,160.06**

			Status of Loan and Disbursements
PENNVEST Loan Amount			17,474,300.00
2017 Disbursements	6 Pay Requests	2,535,027.24	
2018 Disbursements	Pay Request #7 (Jan)	898,345.29	
	Pay Request #8 (Feb)	714,961.37	
	Pay Request #9 (Mar)	709,286.08	
	Pay Request #10 (Apr)	1,846,671.60	
	Pay Request #11 (May)	886,933.65	
Total Disbursements			**7,591,225.23**
			43.44%
Remaining Balance	(Loan Amount less Disbursements)		**9,883,074.77**

It was moved by Mr. Bondi and seconded by Mr. Stuncard that the Treasurer's report be accepted and placed on file. Motion carried.

The bills for the month of May were submitted as follows:

Pleasant Hills Authority
WWTP – Monthly Bills Detail
May 2018

Name	Num	Account	Amount
Utilities - Monthly			
Electricity			
West Penn Power WWTP	2018-04	7020 · Electric - Treatment Plant	19,302.08
Duquesne Light LRPS	615686983274	7025 · Electric - Pump Stations	5,773.45
Duquesne Light SDPS	381793148901	7025 · Electric - Pump Stations	475.75
Natural Gas			
Peoples Gas		7030 · Gas	1,077.54
UGI Energy	G3840377	7030 · Gas	1,438.91
Phone			
Comcast	2018-05	7549 · Telephone	379.64
AT&T Mobility		7549 · Telephone	150.72
Water			
PA Am Water FIRE	2018-04	7040 · Water	102.86
PA Am Water LRPS	2018-04	7040 · Water	652.89
PA American Water SDPS	2018-05	7040 · Water	18.00
PA American Water WWTP	2018-05	7040 · Water	256.48
Total Utilities			**29,628.32**
Bills - Monthly			
Aqua Filter Fresh	486643	-SPLIT-	67.20
Cintas	4 inv	7070 · Personnel Uniform Service	546.59
Daniel's	2018-04	7055 · Materials and Supplies	186.84
PA One Call	768955	7047 · PA-One Call Charges	112.40
Republic Services	0264-002307021	7080 · Sludge / Garbage Disposal	7,132.29
WEX	54102673	7065.2 · Fuel	203.38
Bills - Miscellaneous			
Barrier Protection	232916	7060 · Maintenance - Mach. & Equip.	594.90
Fayette Parts Svc	521974	7060 · Maintenance - Mach. & Equip.	75.98
Hach Company	10949964	7075 · Laboratory Equipment Exp	172.83
Insight Pipe Contracting LLC	8908	7060 · Maintenance - Mach. & Equip.	1,375.00
Kappe Associates	18-4024-J4	7060 · Maintenance - Mach. & Equip.	1,336.99
Konecranes	152088820	7045 · Maintenance / Support Contracts	484.00
MSA	99622092	7060 · Maintenance - Mach. & Equip.	540.80
Option Supply	237965	7055 · Materials and Supplies	80.15
Pace Analytical	1830139289	7085 · Pretreatment Program	502.00
Pace Analytical	1830139722	7075 · Laboratory Equipment Exp	80.00
Pro-Am Safety	37935	7055 · Materials and Supplies	88.30
RA Foster	180440	7055 · Materials and Supplies	395.50
Trumbull Industries	9042326	7060 · Maintenance - Mach. & Equip.	956.00
Univar	PT051558	7050 · Chemicals	925.26
USA Bluebook	555202	7055 · Materials and Supplies	86.98

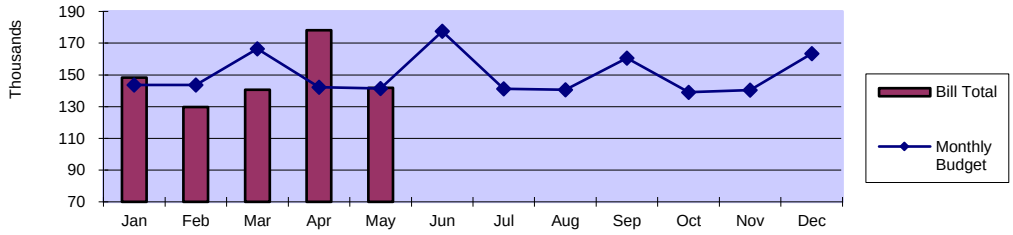
South Park, PA
May 19, 2018

Name	Num	Account	Amount
USA Bluebook	557516	7055 · Materials and Supplies	508.47
WB Mason	I54415478	-SPLIT-	244.36
WB Mason	I54816465	7055 · Materials and Supplies	182.79
WPWPCA	5/18 mtg, MM, JB	7567 · Memberships and Education	45.00
Total Treatment Plant Bills			**46,552.33**

Pleasant Hills Authority
Revenue Fund – Monthly Bills Detail
May 2018

Name	Num	Split		Amount	
Expenses					
Treatment Plant Bill Total				**46,552.33**	
American Water	4000143889	7040 · Water		4.81	
Borough of Pleasant Hills	2018-04			66,969.08	
Cecere Properties	2018-06	7545 · Office Rental		550.00	
Columbia Gas	2018-04	7545 · Office Rental		64.25	
Comcast	2018-05	7549 · Telephone		201.46	
Commonwealth of PA - PV	P 2018-05	9055 · PENNVEST Loan 2017 - Interest		7,954.07	EFT
Data Blueprints	4500	7570 · Annual Licenses / Permits		299.40	
Dickie McCamey	10412898	7515 · Legal Fees		656.00	
Duquesne Light office	336123443157	7545.4 · Office Utilities		26.00	
Gannett Fleming, Inc.	47497.15*54993	7510 · Consulting Engineers		400.00	
	47497.02*54990	7510 · Consulting Engineers		292.32	
	47497.C*54979	-SPLIT-		86.40	
	47497.H*54994	-SPLIT-		966.00	
	47497.I*54995	7510 · Consulting Engineers		68.88	
	47497.J*54996	-SPLIT-		87.23	
	47497.T*54997	7510 · Consulting Engineers		206.64	
Total Gannett Fleming, Inc.				2,107.47	
Industrial Appraisal	2018	7555 · Insurance		740.00	
PA Clean Water Fund	WWTP 2018-04	8020 · EPA/DEP Fines & Assessment		1,000.00	
PA Clean Water Fund	LRPS 2018-04	8020 · EPA/DEP Fines & Assessment		1,000.00	
PA DEP	Inv 1051024	7567 · Memberships and Education		60.00	
PMAA Region 9	5/19 Dinner 5 attend	7567 · Memberships and Education		250.00	
Credit Card - J. Crane	Google	7547 · Office Expense		5.35	
Total Credit Card				5.35	
Sub-Total Expenses				**128,440.22**	
Payroll					
Jean L. Crane - Manager	6,180.00	Less Deductions:	1,651.60	4,528.40	
Trustee Insurance Fund	6 month	Health Insurance		5,956.50	
Trustee Insurance Fund	6 month	Dental Insurance		210.30	
PMRS	May 2018	Retirement Account		494.40	
United States Treasury	May 2018	Federal Taxes, SS & Medicare		1,518.54	EFT
PA Dept of Revenue	May 2018	State Taxes		189.73	EFT
Sub-Total Payroll				**12,897.87**	
Total				**141,338.09**	

Actual Expenses Compared to Monthly Budget Amount



Pleasant Hills Authority
May 19, 2018

Bills Submitted for Approval of Payment from Capital Accounts:

		Approved	Fund	May	YTD	Total TD
COA Compliance						
Gannett Fleming, Inc.						
Inv 055254.A0*	COA WWTP Design	1,166,000		-	-	1,165,897.31
Inv 055254.B0*	COA WWTP Bid Phase	60,000		-	-	60,000.00
Inv 055254.C0*	Construction Support	17,000		-	2,507.14	16,978.66
Inv 055254.D0*55009	Generator Design	14,000	Cap Acct	858.48	4,071.48	4,071.48
Inv 47497.11*	Master Meter - Feasibility	5,000		-	-	4,681.96
Inv 63286.01*55388	Master Meter - Design	117,000	Cap Acct	17,008.97	23,737.86	31,313.68
Inv 63286.02*53690	Master Mtr - Right of Way			-	635.88	635.88
Inv 047497.02*49947	COA Activities			-	425.60	104,387.65
Subtotal Gannett Fleming, Inc.				17,867.45	31,377.96	1,387,966.62
KLH Engineers, Inc.						
Inv 53711	Management	275,000	PennVEST	9,500.00	47,500.00	104,500.00
Inv 53712	Observation	450,000	PennVEST	15,151.39	78,495.69	140,882.21
Subtotal KLH Engineers, Inc.		725,000		24,651.39	125,995.69	245,382.21
Mele & Mele & Sons, Inc.	Pay Application #11	12,221,000	PennVEST	533,438.10	4,037,860.15	6,248,707.79
Guy's Mechanical Systems	Pay Application #	468,000		-	-	6,300.00
Right Electric, Inc.	Pay Application #9	2,924,292	PennVEST	322,830.00	872,100.00	1,033,425.00

Bills Submitted for Approval of Payment from Capital Accounts:

		Approved	Fund	May	YTD	Total TD
Re-imburse PHA	Interest	190,000	PennVEST	6,014.16	20,242.15	57,410.23
Expenses from Previous Years				-	-	968,232.44
Subtotal COA Compliance				**904,801.10**	**5,087,575.95**	**9,947,424.29**
Other Projects						
Digester #2 Lid Replacement & Repairs						
Gannett Fleming						
Design & Bid Spec. Prep	47497.14*54992		Cap Acct	813.26	5,587.12	44,068.56
Construction Support				-	-	-
KLH - Const Obs	Inv #53713		Cap Acct	401.50	401.50	401.50
Mele & Mele & Sons, Inc.				-	-	-
Subtotal Digester #2 Lid Replacement & Repairs		-		1,214.76	5,988.62	44,470.06
Lewis Run Interceptor Sewer Line Replacement						
Gannett Fleming						
Evaluation	47497.13*54991		Cap Acct	159.24	741.78	741.78
PA Small Project Grant				-	413.28	413.28
Route 51 Survey	47497.13*54976		Cap Acct	1,626.80	1,626.80	1,626.80
Contractor				-	-	-
Subtotal Digester #2 Lid Replacement & Repairs		-		1,786.04	2,781.86	2,781.86
Streambank Remediation						
USACOE	PPA - 35%			-	-	322,200.00
Gateway Engineers	baoundary survey WWTP	10,500		-	5,500.00	5,500.00
Subtotal Other Engineering Projects				**3,000.80**	**14,270.48**	**374,951.92**
Total				**907,801.90**	**5,101,846.43**	**10,322,376.21**
		Req #				
Summary by Fund	Capital Account - Dollar		Cap Acct	20,868.25	45,648.44	
			PennVEST	886,933.65	5,056,197.99	7,591,225.23
	Total			**907,801.90**	**5,101,846.43**	

It was moved by Mr. Belcher and seconded by Mr. O'Har that the bills be paid as presented. Motion carried.

There was no Solicitor report.

Mr. Dengler presented and read the Engineer's report as follows:

PLEASANT HILLS AUTHORITY
Engineering Report
May 19, 2018

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1. **Operations Assistance (047497.008)**
- a) The property survey for the WWTP was submitted to the USACOE. We are currently working with the surveyor to identify the locations where the permanent property corner monuments will be installed.
- b) We have been working with the Plant Superintendent on the selection of replacement light fixtures in the Blower Room of the Main Equipment Building.

2. **Pretreatment Program (047497.009 & 010)**
- a) Plant effluent continues to be in compliance with the NPDES Permit and pollutants are below the USEPA Effluent Goals. A summary of the DMR sampling results are attached.
- b) During their review of last year's Industrial Pretreatment Annual Report, the EPA recommended the Authority create a list of dentists within the Authority's service area due to exceedances of mercury. This is due to a new category that was established for dental amalgams. We have received a preliminary list of dentists in the area from the USEPA and will work on identifying the ones in the PHA Service area.

4. **NPDES Permit Renewal (047497.017)**
- a) PaDEP issued the draft NPDES Permit on April 20, 2018. PaDEP will publish notice of the draft permit in the PA Bulletin in the near future. The Authority will be able to provide written comments up to 30 days following the publication of the notice.
- b) We have reviewed the re-draft permit that was issued by PaDEP in response to USEPA comments. The reporting of effluent limits is essentially the same as previous permit, with the exception of theaddition of sampling requirements for mercury. We have prepared a summary of the new permit and the changes to provide to the Authority Manager.
- c) We recommend a comment letter be sent to PaDEP with a request to eliminate or reduce the requirement for mercury sampling.

5. **Consent Order & Decree (047497.020)**
- a) The Engineer's meeting was held on April 18, 2018.

6. **Lewis Run Interceptor Evaluation (047497.032)**
- a) The request for the modification of the scope for the PA Small Water and Sewer Grant was submitted to the Commonwealth Financing Authority for consideration at their May board meeting.
- b) Site survey work for this project has been completed. An updated preliminary layout is being provided for Board Members review.
- c) Our proposed fee for design phase activities for the new sewer crossing is $15,000, which includes preparation of plans and specifications, PennDOT Highway Occupancy Permit, Erosion & Sediment Control Plan and preparation of three easement exhibits.

7. **Digester #2 Cover Replacement Project (047497.033)**
- a) Job Conference #1 was held on May 2, 2018.
- b) Demolition activities have started on the existing digester lid.
- c) We have been reviewing submittals. The new digester lid is tentatively scheduled to be delivered in September.

8. **SSO Elimination Plan and Capital Additions (055254)**

a) Construction:
- We have been responding to RFIs and questions on the design as presented by KLH Engineers, the Construction Manager.

b) Emergency Power – Automatic Transfer Switch:
- We have been following up with West Penn Power on the status of the installation of the new transfer switch.

c) Emergency Generators Project:
- We have provided preliminary progress prints to the Authority Staff, KLH Engineers and the Electrical Contractor for the proposed changes to keep the emergency power generators.

9. Master Billing Meters Project (063286)

a) We have initiated the Preliminary Design Phase of this project. Tasks that have been performed during the last month include:
- Surveying for the twelve meter sites has been completed.

a) We have scheduled the following tasks over the next month:
- Perform wetlands investigations for the meter sites.
- Continue work on the 30% design drawings.

c) A copy of the current Project Design Schedule is attached.

Respectfully submitted,

ROBERT W. DENGLER II, P.E.

PLEASANT HILLS AUTHORITY
DMR SAMPLE RESULTS
Year 2018

Approved Local Limits 3/15 (mg/l)	3.21	0.0062	0.32	0.0061	Test
EPA Effluent Goals (mg/l)	0.0054	0.00005	0.0228	0.0006	Done By
PHA WWTP Sample Date	Cyanide mg/l	Mercury mg/l	Copper mg/l	Cadmium Mg/l	PACE
6-Mar-18	<0.0030	0.0000057	0.01	<0.00032	X
11-Apr-18	<0.0030	0.0000071	0.0086	<0.00032	X

(Report from KLH Engineers provided for Authority review)

PLEASANT HILLS AUTHORITY
SSO ELIMINATION PROJECT PROGRESS REPORT
May 15, 2018

Contract One, General – Mele & Mele

1. The Headworks Building wet weather diversion pipe tie in to the existing sewer interceptor is complete. The main influent piping and manhole work is in progress.
2. The site storm sewer is 75% complete.
3. Stage 1 channel air supply piping is being installed.
4. All hydraulic gates have been delivered and are being installed.
5. The additional UV building effluent structure concrete work has been completed. We weather influent piping is complete.
6. Shoring installation for the Stage 2 pump station has begun.

Contract Two, Plumbing/ HVAC – Guys Mechanical

1. No work was performed from last reporting period.

Contract Three, Electrical – Right Electric

1. Conduit systems for Primary Clarifiers 1 & 2 and flow control chamber are being installed, as are equipment disconnect switches.
2. Underground duct bank work in Stage 2 is 75% complete. Band to the added outside generator location is being installed.
3. All SCADA cabinets have been delivered to the site.

Miscellaneous Items

1. Existing electrical duct banks (to remain) at the UV building are in conflict with the new piping design. This has caused additional delay.

Project Completion based on billing: 56%
Project Completion based on schedule: 39%
Project billing based on field work: 35%

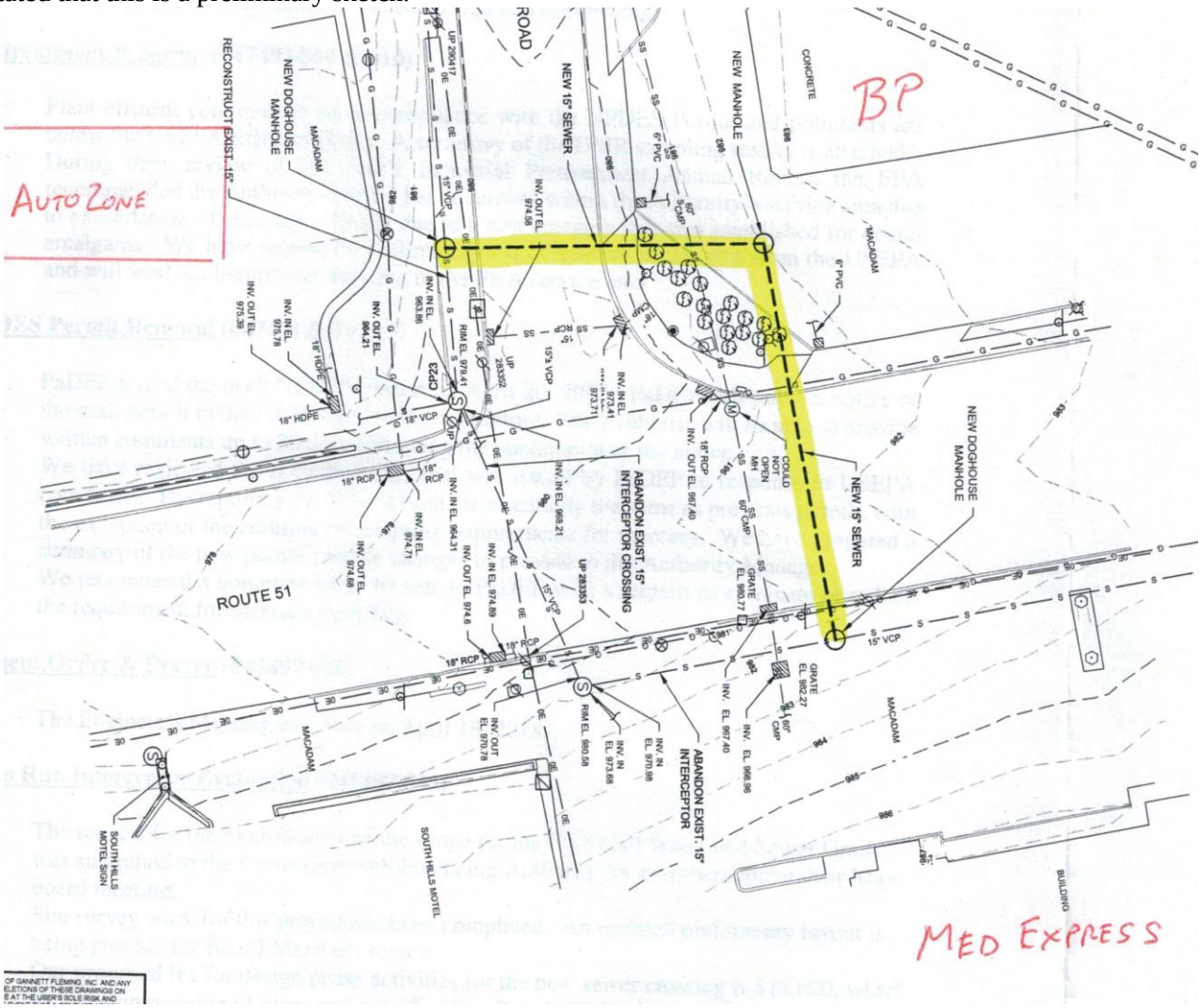
Respectfully submitted,

John C. Mowry, P.E.

Mr. Dengler reported that they are working with the surveyor on placement of the markers (Item #1a on report). The issue is that some of the boundary corners are in the middle of Cochran Mill Road or the railroad. For Cochran Mill Road, the solution will probably be to install a railroad spike that could still be detected and would probably survive re-paving. Mr. Dengler stated that he would deliver a layout for the lights in the Main Equipment Building next week to Mr. Majzer (Item #1b on report).

Mr. Dengler reviewed the NPDES Permit Renewal (Item #4 on report). Mr. Dengler stated that they would draft a letter requesting to reduce the frequency to quarterly instead of monthly. Mr. Majzer stated that when they draft the letter to include clarification, because in one section it is stated to sample monthly, but another section states to report the monthly average. It would always be an average of one sample, which is not really an average. Mr. Majzer stated that he removed the first draft and posted the revised draft so that it will be up for 30 days.

Mr. Dengler reviewed the survey for the Rt. 51 & East Bruceton Road Interceptor Replacement Project (Item #6 on report). The highlighted line will be the new installation. It looks like we will be able to install the new interceptor around the existing utilities. A new easement will be required on the BP property to install the manhole where none currently exists. Two temporary construction easements will be necessary for the Medexpress and Autozone properties for the bore and receiving pits. The existing interceptor on East Bruceton will need to be replaced to be deeper from where the new line intersects to the existing manhole at the corner of Rt 51 and East Bruceton. The Manager asked if this line will also need to be larger, since it will be taking additional flow. Mr. Dengler stated that it probably will be increased to 18", which is the size of the downstream sewer pipe. Mr. Trimbath asked if the hydraulics have been checked, because there are now four 90º turns instead of 2 turns. Mr. Dengler stated that they are working on that but PennDOT requires perpendicular crossings of their roads, which constrains how the sewer line can be laid out. Mr. Dengler stated that this is a preliminary sketch.



Mr. Dengler stated that they are ready to move forward into design and the effort would be $15,000. It was moved by Mr. Belcher and seconded by Mr. Bondi to authorize Gannett Fleming, Inc. to design the Rt. 51 & East Bruceton Interceptor Replacement Project on a cost plus basis not to exceed $15,000. Motion carried.

Mr. Dengler reviewed the Digester #2 Replacement Project (Item #7 on report). Mr. Nieman asked how the demolition of the lid is done. Mr. Majzer stated that they start at the top and burn it off in sections and lift the sections out with a crane. Then, they move on to the frame, and then bust out the grout and then burn and

remove the remainder. The lid is too large to remove in one piece. Mr. Nieman asked how it is delivered. Mr. Majzer stated that it is delivered in pieces and assembled on site.

Mr. Dengler stated that the Authority is setting up a meeting with Bethel Park to discuss the emergency connection from the Bethel Park pump station to the Authority system. The Manager stated that it would probably be next week. The Manager also stated that there is a meeting next week to review the punchlist items for the Baldwin tank with the goal to issue the substantial completion around June 1st. The issuance of the substantial completion will bring the transfer of operation to the Authority. We are still waiting on receipt of O&M Manuals. Mr. Bondi asked if everything is operating well. Mr. Majzer stated that there are still a significant number of minor items on the punchlist, but we will see what has been completed at the meeting.

Mr. Majzer reviewed the operations through 05/19/2018.

- For the plant upgrade, the new gates have been installed in the Flow Diversion Chamber. The new manhole for the Headworks Building has been installed. Piping at the UV Building for the new high flow manhole has been installed. Right Electric has been installing new duct banks and running new conduit for the 1st stage blowers and primary clarifier drives.
- Still working to get the final numbers for the Change Order No 1 and 2 for Mele & Mele completed.
- Working with the Engineer on the lighting for the Main Equipment Building and Generator pad design.
- There are some boundary issues for the Army Corps of Engineers since are boundary is farther from the road than we thought. The Manager will be working with ACOE and DOE to resolve the issues.

The Manager stated that there is a summary of changes for Right Electric. All of these changes will be combined into Change Order #2 for a credit of about $13,000 to be approved at next month's meeting.

Mr. Trimbath reported as follows:

1) They visited the tank yesterday. Mr. Trimbath liked that the vaults were oversized, which is better for maintenance personnel. The only remaining tasks left are the fencing and Comcast. The Manager stated that they are scheduling a meeting with emergency responders to review the tank in mid-June. Mr. Trimbath also stated that they will be doing some additional labeling.
2) Sunrise Drive Project is to be completed on June 7th. Mr. Trimbath would like to compare the flows before and after from the Sunrise Drive Pump Station.
3) Debbie Englert, the Manager for the Borough is retiring at the end of May. Council will be interviewing interim Borough Managers on Monday. The interim manager will be there while the Borough selects a replacement. The Borough is reviewing the duties of the Manager and will be refining the job description. Jan Minch has also retired, so the Borough is reviewing how the offices operate.
4) The Borough is reviewing options for remodeling/replacing the Borough Building.

It was moved by Mr. Stuncard and seconded by Mr. Howley to adjourn the meeting. Motion carried.

Meeting adjourned at 11:00 a.m.

Respectfully submitted,

Jean L. Crane
Manager