ALBANY WATER BOARD

MINUTES OF REGULAR MEETING

July 28, 2017

A regular meeting of the Albany Water Board was officially convened at 9:30 AM, local time, in the Conference Room at the Albany Water Board, 10 North Enterprise Drive, Albany, New York Friday, July 28, 2017.

PRESENT: William Clay, Chairman; Charles Houghton, Vice Chairman; Rachel Johnson, Secretary; Daniel Ranellone, Treasurer; Anthony Owens, Member;

STAFF PRESENT: Joseph E, Coffey, Jr., P.E., Commissioner; William Simcoe, P.E., Deputy Commissioner; Jessica Carpenter, Accountant; Elizabeth Romand, Confidential Assistant;

BOARD ADVISORS PRESENT: Marisa Franchini, Assistant Corporation Counsel; William Kahn, UHY Advisors;

Approval of Meeting Minutes from the Month of June and July, 2017

Chairman William Clay introduced the minutes of the June 2, 2017, June 23, 2017, and July 6, 2017 meetings. With no objection, the reading was dispensed and Chairman William Clay called for a motion to approve the minutes of said meetings. A motion was made by Mr. Houghton seconded by Mr. Ranellone, and passed unanimously.

Public Comment Period

No comments

Committee & Staff Reports

Financial Report: Jessica Carpenter, staff Accountant, submitted a statement of the Albany Water Board and Albany Municipal Water Finance Authority's Cash Flows and other combined Financial Information for the one month and year to date period ending June 30, 2017. The detailed report is attached.

Key Performance Indicators and Critical Numbers Dashboard: Commissioner Coffey presented a report detailing the Key Performance Indicators and Critical numbers, noting that department overtime costs are down due to multiple vacancies within the department being filled. Report attached.

Commissioner Coffey noted that beginning next month, the department's new CFO, Tom Dufresne, will be joining the team and working with Mr. Kahn and Ms. Carpenter to become acclimated to the processes and procedures of the Board and the Department. Both the Commissioner and Mr. Kahn extended their gratitude to Jessica Carpenter for stepping up and acting as the interim CFO, noting

that she performed very well in this role and was, and continues to be, a valued asset to the department.

CSO Discharge & Sewage Pollution Right To Know: The department has received a Notice of Violation due to a system overflow that wasn't reported in a timely fashion. The department acknowledged a flaw in the chain of reporting and has since implemented new procedures to ensure that an incident like this can be avoided in the future.

Elberon Place Project Update: South Lake Avenue to Quail Street is currently under construction. The project is moving along as scheduled and completion is anticipated by the end of the year.

Acquisition of Property from Albany County: The acquisition of 35 properties along the Krumkill from Albany County is prepared to move forward with a Board resolution. Acquisition of these unbuildable properties will allow for easier access for maintenance and repair to the trunk sewer that runs along the properties.

Albany County Stormwater Coalition: The MOU with the Stormwater Coalition is due for annual renewal. This partnership represents an excellent example of shared services across cities/ counties.

Grant & Financing Report: Deputy Commissioner Simcoe presented an update on our Grant and project financing plans (report attached). Mr. Simcoe noted that three closings were pending this month and that to date, out of the 78 million dollars in proposed projects, we have been granted $9.9 million in funds, with the potential for another $20 million in future funding.

Consultant Engineer's Report: Kevin Hogan, ARCADIS, presented a report detailing the upcoming Long Term Control Plan Projects and due dates, along with the ARCADIS Projects update report (reports attached). His report shows that we are in good shape to stay on track with this year's $3 million budget.

Old Business

Real Estate Property Easement- Delmar Mall, LLC: The agreement is prepared for signature and Board Resolution.

Executive Session

No executive session took place.

Resolutions

Resolution 17-43: Authorizing the Chairman to execute the Intermunicipal Agreement and Memorandum of Understanding with the Albany County Stormwater Coalition to continue an existing Coalition for cooperation on issues relating to Stormwater Management was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed without opposition.

Resolution 17-44: Authorizing the Chairman to execute documents for the purchase of 35 properties along the Krumkill for a price of $10,000 from Albany County was offered by Mr. Houghton and seconded by Mr. Owens. Resolution passed without opposition.

Resolution 17-45: Authorizing the Chairman to execute an easement with Delmar Mall Properties, LLC., was offered by Mr. Houghton and seconded by Mr. Owens. Resolution passed without opposition.

Resolution 17-46: Authorizing the Chairman to sign Commitment Letters for the Albany Water Board to provide the required matching funds for the Consolidated Funding Applications associated with: The Albany Pool Communities Floatable Control Facilities; Rensselaer Lake Dam Safety Rehabilitation; the Albany/Town of Colonie Emergency Water Interconnection, and the Stormwater In-Lieu of Green Infrastructure Banking was offered by Mr. Houghton and seconded by Mr. Owens. Resolution passed without opposition.

Resolution 17-47: Declaring the Rensselaer Lake Dam Safety Rehabilitation a Type II Action under NYS SEQRA and No Further Action Required under SEQRA was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed without opposition.

Resolution 17-48: Accepting funds from NYS Office of Parks, Recreation, and Historic Preservation associated with Rensselaer Lake Dam Safety Rehabilitation was offered by Mr. Houghton and seconded by Mr. Owens. Resolution passed without opposition.

Chairman William Clay informed all those in attendance that the next Regular Meeting of the Albany Water Board will be **Friday August 25, 2017 at 9:30 AM** in the AWB Conference Room.

A Meeting of the Albany Water Board Finance Committee will also take place **Friday August 25, 2017 at 8:30 AM.**

Being no further business, Chairman Clay called for a motion to adjourn the meeting. A motion was made by Mr. Owens, seconded by Mr. Houghton and passed unanimously. The meeting was adjourned at 10:30 AM.

Recorded by: Elizabeth A. Romand

Approved by: Rachel M Johnson
Rachel Johnson, Secretary

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ALBANY WATER BOARD
ALBANY MUNICIPAL WATER FINANCE AUTHORITY
STATEMENTS OF CASH FLOWS
June 30,2017

	One Month Period Ended June 30				Year-To-Date Periods Ended June 30			
	2017	2016	Variance	Percent Variance	2017	2016	Variance	Percent Variance
Revenues								
Water/sewer revenue	2,592,681	$ 2,603,791	$ (11,110)	-0.4%	17,319,056	16,707,446	$ 611,610	3.7%
Investment income	28,793	8,454	20,339	240.6%	139,838	190,998	(51,160)	-26.8%
Total revenues	2,621,474	2,612,245	9,229	0.4%	17,458,894	16,898,444	560,450	3.3%
Operating expenses								
Operation/maintenance costs	1,247,316	2,415,162	(1,167,846)	-48.4%	10,170,354	10,949,381	(779,027)	-7.1%
Board/Authority expenses	11,685	9,938	1,747	17.6%	56,713	43,861	12,852	29.3%
Total expenses	1,259,001	2,425,100	(1,166,099)	-48.1%	10,227,066	10,993,242	(766,176)	-7.0%
Net operating cash flows before debt service and capital project costs	1,362,473	187,145	1,175,328	628.0%	7,231,828	5,905,202	1,326,626	22.5%
Debt service costs	(497,850)	(561,580)	63,730	-11.3%	(2,489,250)	(2,807,900)	318,650	-11.3%
Capital project costs	(645,242)	(329,510)	(315,732)	0.0%	(902,730)	919,707	(1,822,437)	0.0%
Grant Income	120,328				443,278			
Net cash flow (deficiency)	$ 339,709	$ (703,945)	$ 1,043,654	148.3%	$ 4,283,126	$ 4,017,009	$ 266,117	6.6%

ALBANY WATER BOARD
ALBANY MUNICIPAL WATER FINANCE AUTHORITY
SCHEDULE OF REVENUES
June 30, 2017

	2017 Budget	2017 Actual	Variance Favorable (Unfavorable)	Variance %	2016 Budget	2016 Actual	Variance Favorable (Unfavorable)	Variance %
Water and sewer revenue								
June	$ 2,864,881	$ 2,592,681	$ (272,200)	-10%	$ 2,554,224	$ 2,603,791	$ 49,567	2%
Year-to-Date	$ 17,049,015	$ 17,319,056	$ 270,041	2%	$ 15,953,841	$ 16,707,446	$ 753,605	5%
Investment income								
June	$ 33,333	$ 28,793	$ (4,540)	-14%	$ 16,667	$ 8,454	$ (8,213)	-49%
Year-to-Date	$ 199,998	$ 139,838	$ (60,160)	-30%	$ 100,000	$ 190,998	$ 90,998	91%

Additional Cash Receipts	Monthly	YTD
Misccellaneous		
June	$ -	$ 116
Fishing Permits	$ 1,600	$ 4,760.00
Sales of Scrap	$ 877	$ 4,030
Insurance Recoveries	$ 3,510	$ 7,861
Delaware Plaza Easement	$12,500	$ 12,500
Rent		
Huck Finn	$ 1,000	$ 6,000.00
DASNY Rent	$ 1,250	$ 7,500
Time Warner Rent	$ -	$ 1,500
Sprint	$ 12,442	$ 12,442
Totals	**$ 33,178**	**$ 56,709**

Note: The revenue budgets reflect forecasted revenue collections of $39,290,000 and $37,000,000 for 2017 and 2016, respectively.

ALBANY WATER BOARD
ALBANY MUNICIPAL WATER AUTHORITY
SCHEDULE OF OPERATING EXPENSES
June 30, 2017

	2017 ANNUAL BUDGET	YEAR-TO-DATE June 2017 ADJUSTED BUDGET	ACTUAL	(OVER)/ UNDER	2016 YTD ACTUAL
Administration					
Personnel services	1,478,599	739,299	536,456	$ 202,843	504,710
Equipment/Furniture	11,000	-	-	0	-
Contractual and other expenses	212,463	106,231	82,696	23,535	89,321
Benefits	385,745	192,872	130,687	62,185	123,552
	2,087,807	1,038,402	749,838	288,564	717,583
Supply, Power and Pumping					
Personnel services	988,556	494,278	319,516	174,762	334,070
Equipment	36,000	18,000	4,949	13,051	1,313
Contractual and other expenses	135,844	67,922	39,392	28,530	17,558
Benefits	203,159	101,579	105,285	(3,706)	106,619
	1,363,559	681,779	469,142	212,637	459,560
Purification					
Personnel services	1,347,227	673,613	500,051	173,562	481,197
Equipment	207,000	103,500	66,228	37,272	62,720
Contractual and other expenses	1,357,465	678,732	282,226	396,506	322,555
Benefits	443,073	221,536	148,564	72,972	146,829
	3,354,765	1,677,381	997,069	680,312	1,013,301
Transmission/Distribution					
Personnel services	2,727,920	1,363,960	1,200,360	163,600	1,187,088
Equipment	795,000	397,500	178,274	219,226	49,609
Contractual and other expenses	2,302,941	1,151,470	395,174	756,296	685,463
Benefits	941,945	470,972	407,267	63,705	409,523
	6,767,806	3,383,902	2,181,075	1,202,827	2,331,683
Sewer Services					
Personnel services	907,425	453,713	386,182	67,531	296,873
Equipment	257,000	128,500	485	128,015	102,597
Contractual and other expenses	1,882,312	941,156	640,225	300,931	411,212
Benefits	202,518	101,259	142,510	(41,251)	81,326
	3,249,255	1,624,628	1,169,402	455,226	892,008
Pumping Stations					
Personnel services	150,790	75,395	73,773	1,622	41,584
Equipment	30,000	15,000	4,810	10,190	6,578
Contractual and other expenses	417,765	208,883	72,423	136,460	124,215
Benefits	72,035	36,018	29,251	6,767	11,874
	670,590	335,296	180,257	155,039	184,251
Taxes Paid to Municipalities	2,196,853	545,000	566,134	(21,134)	558,282
County Sewer Contract	6,578,505	3,289,253	3,054,422	234,831	3,081,152
Contingencies, Insurance and Other	5,093,686	2,546,843	803,015	1,743,828	837,220
TOTALS	$ 31,362,826	$ 15,122,484	$ 10,170,354	$ 4,952,130	$ 10,075,040

EXPENSE SUMMARY:	2017	2016	Change
Personnel Services	3,016,338	2,845,522	170,816
Equipment	254,746	222,817	31,929
Contractual and other expenses	1,512,135	1,650,324	(138,189)
Benefits	963,564	879,723	83,841
Other	4,423,571	4,476,654	(53,083)
	10,170,354	10,075,040	95,314

Percent Increase/Decrease over 2016	0.9%
Percent under Budget	-32.75%
Personnel Services under Budget	-21%
	-25%

ALBANY WATER BOARD
ALBANY MUNICIPAL WATER AUTHORITY
SCHEDULE OF CAPITAL PROJECT COSTS
June 30, 2017

Actual Expenditures to Date

1995	$	3,459,286
1996		3,148,713
1997		2,977,569
1998		2,059,812
1999		2,696,065
2000		1,771,829
2001		2,437,338
2002		3,384,049
2003		3,845,848
2004		5,673,522
2005		2,389,244
2006		1,575,740
2007		459,599
2008		1,230,331
2009		1,807,010
2010		1,108,164
2011		734,443
2012		2,266,553
2013		2,059,475
2014		1,832,084
2015		2,076,594
2016		8,403,230
2017		1,547,972
	$	**57,396,497**

Comparative Expenditures

[---------- 2016 ----------]			2017		
January	$	-	January	$	-
February			February		5,949
March		423,060	March		94,117
April		72,924	April		383,709
May		94,213	May		418,955
June		329,510	June		645,242
July		115,872	July		
August		253,453	August		
September		1,383,307	September		
October		427,592	October		
November		353,823	November		
December		4,949,476	December		
	$	**8,403,230**		**$**	**1,547,972**

OVERTIME	Budget 6/30/2017 YTD	Actual 6/30/2017 YTD	Budget Difference (over)/under	Actual 6/30/2016 YTD	Actual Difference (over)/under
Supply, Power and Pumping	$ 47,500	$ 24,542	$ 22,958	$ 56,919	$ 32,377
Purification	$ 67,500	$ 31,955	$ 35,545	$ 64,367	$ 32,412
Transmission/Distribution	$ 150,000	$ 184,534	$ (34,534)	$ 179,468	$ (5,066)
Sewer Services	$ 20,000	$ 34,321	$ (14,321)	$ 28,338	$ (5,983)
Pumping Stations	$ 5,000	$ 2,625	$ 2,375	$ 1,656	$ (969)
TOTAL	$ 290,000	$ 277,977	**$ 12,023**	**$ 330,748**	**$ 52,771**
Percentage			**4.15%**		**16.0%**

	6/30/2017
DUE FROM THE CITY OF ALBANY	**$ 10,348,428**
Rt 7 ACCOUNTS RECIEVABLE	**$ 578,352**

Department of Water and Water Supply - 2017 Key Performance Indicators and Critical Numbers Dashboard

Indicators	
	well over goal
	at goal
	caution
	unacceptable - corrective action required

Parameter	Annual Goal or YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Water/Sewer Revenue														
Budget	$39,290,000	$3,313,300	$2,758,360	$2,688,090	$2,500,480	$3,268,240	$2,864,880	$2,452,830	$3,389,440	$3,337,370	$3,767,180	$755,170	$8,194,660	$39,290,000
Actual MTD		$2,816,864	$2,764,149	$3,057,353	$2,591,687	$3,506,660	$2,592,681							
Budget YTD/MTD	$17,049,015	$3,313,300	$6,071,647	$8,759,740	$11,260,221	$14,184,134	$17,049,015							$17,049,015
Actual YTD/MTD	$17,319,056	$2,816,864	$5,576,421	$8,633,774	$10,448,625	$14,726,375	$17,319,056							$17,319,056
% Actual MTD vs Budget MTD		85.02%	100.21%	113.74%	103.65%	107.30%	90.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
% Actual YTD vs Budget YTD	101.58%	85.02%	91.84%	98.56%	92.79%	103.82%	101.58%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	101.58%
Operating Expenses														
Budget	$34,367,830	$1,742,100	$1,337,930	$1,837,290	$4,708,570	$1,537,080	$2,459,610	$2,130,470	$1,993,990	$6,792,500	$1,650,390	$1,967,360	$6,210,540	$34,367,830
Actual MTD		$1,356,329	$807,206	$1,453,350	$1,113,870	$1,034,095	$1,247,316							
BudgetYTD/MTD	$15,122,484	$1,742,100	$3,080,036	$4,917,321	$9,925,593	$13,006,399	$15,122,484							$15,122,484
Actual YTD/MTD	$10,170,354	$1,356,329	$2,163,535	$3,616,885	$7,867,672	$8,912,333	$10,170,354							$10,170,354
% Actual vs Budget MTD/MTD		77.86%	60.33%	79.10%	23.66%	67.28%	50.71%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
% Actual YTD vs Budget YTD	67.25%	77.86%	70.24%	73.55%	79.27%	68.52%	67.25%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	67.25%
		* Note: ACSD expenses of $3,054,422 were not on the March financials												
Net Operating Cash Flows														
Actual MTD/YTD	$7,231,828	$1,469,692	$1,950,705	$1,620,192	$1,474,824	$5,880,060	$1,362,473							$2,590,570
Grant Income	$443,278	$0	$15,578	$307,372	$0	$0	$120,328							
Net Cash Flow after debt service and capital project costs	$4,283,126	$971,842	$1,468,633	$1,028,225	$593,266	$2,811,029	$4,283,126							$438,345
Water Produced														
Monthly total (million gallons)	3155.036	591.334	478.598	509.274	520.110	537.626	518.094							3155.036
Daily average (MGD)	17.424	19.075	17.093	16.428	17.337	17.343	17.270							17.424
ACSD monthly avg flow (MGD)	south plant	23.09	23.60	23.88	26.94	26.77	23.08							
contracted flow 27 MGD	total	26.84	27.48	27.85	30.84	31.11	26.90							
Total Department OT Hrs.	7385	1573	1428	1490	1285	1609								7385
Total Department OT $														
Budget MTD		$44,615	$44,616	$55,679	$48,332	$48,332	$48,335							
Actual MTD		$48,186	$43,461	$53,235	$37,667	$40,948	$56,805							
Budget YTD	$290,000	$44,615	$89,231	$145,000	$193,333	$241,665	$290,000							
Actual YTD	$277,977	$48,186	$91,647	$142,557	$180,224	$221,172	$277,977							
% Budget MTD		108.00%	97.41%	95.61%	77.93%	84.72%	117.52%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
% Budget YTD	95.85%	108.00%	102.71%	98.32%	93.22%	91.52%	95.85%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
Alcove Elevation (first of month)	MTD/YTD	608.31	610.27	614.06	617.38	618.16	618.21	617.87						
% capacity	85.2%	65.9%	72.2%	85.2%	97.6%	100.00%	100.00%	99.50%						
% average month (period of record)	90.7%	81.4%	87.4%	90.7%	100.00%	104.00%	108.00%	113.75%						

Department of Water and Water Supply - 2017 Key Performance Indicators and Critical Numbers Dashboard

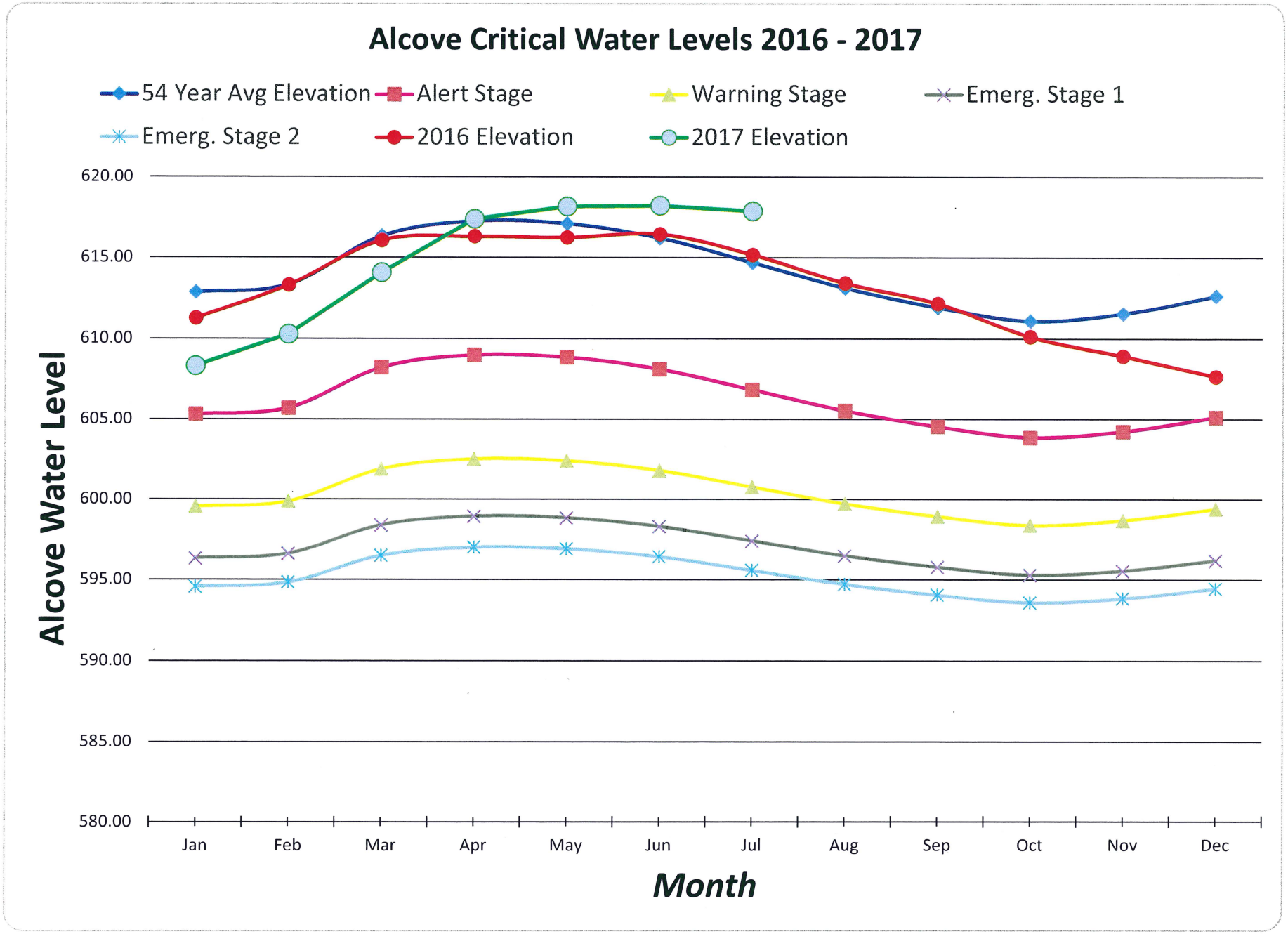
Indicators	
	well over goal
	at goal
	caution
	unacceptable - corrective action required

Parameter	Annual Goal or YTD	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Injury Reports (New)	YTD													
Total Reports Submitted	28	3	10	2	5	8								28
Total resulting in Medical Treatment	17	2	8	1	3	3								17
Total resulting in Time Loss	11	0	5	1	3	2								11
Lost Work Days (injuries)	105	0	43	4	35	23								105
Water Main Breaks	25	7	5	9	2	2	0							25
* 48-inch, ** 36- inch transmission line														
Sewer Repairs	9	0	4	2	2	1	0							9
includes storm sewer repairs														
Valves Repair/Replaced	21	0	8	2	4	3	4							21
MH Repairs	33	3	7	4	2*	8	11							33
(* = includes vault)														
Hydrant Replacements/Installs	14	1	0	1	8	3	1							14
Hydrant Repairs	0	0	0	0	0	0	0							0
Service Terminations	7	1	2	0	1	3	0							7
Service Repairs	34	4	5	4	2	10	9							34
Basin Repairs	64	12	5	8	12	13	14							64
Frozen Service	0	0	0	0	0	0	0							0
Curb Box and Rod replaced	1	0	0	0	0	0	1							1
Valve Box replaced	30	5	5	2	2	6	10							30
Install Valve	7	2	0	0	2	1	2							7
Sewer PM — **LF Cleaned**	181832	20827	13697	21968	26339	51494	47507							181832
LF Camera Inspected	9155	1818	1432	859	456	1912	2678							9155
Leak Detection — **Blocks Tested**	653	108	63	72	104	183	123							653
Leaks Detected	14	5	1	2	2	3	1							14
Orions Installed														
Actual YTD	359	62	78	123	25	25	46							359

Department of Water & Water Supply
2017 Business Plan
Actual versus Plan

Indicators
- well over goal
- at goal
- caution
- unacceptable - corrective action required

Quarter	1		2		3		4		Annual	
	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual	Plan	Actual/YTD
Water/Sewer Revenue	$ 7,860,000	$ 8,633,774	$ 8,095,000	$ 8,691,028	$ 8,405,800		$ 12,640,400		$ 37,000,000	
Expenses	$ 5,545,441	$ 6,671,307	$ 6,959,839	$ 3,395,281	$ 8,639,124		$ 7,310,161		$ 28,454,565	
Net Operating Cash Flow	$ 2,315,000	$ 1,620,192	$ 1,134,994	$ 5,611,635	$ (225,000)		$ 5,330,239		$ 8,500,000	
Total Department OT	$ 145,000	$ 142,557	$ 145,000	$ 135,420	$ 145,000		$ 145,000		$ 580,000	$ 277,977
Incidents Resulting in Lost Time	<2	6	<2		<2		<2		<7	6
Lost Work Days	10	47	10		10		10		40	47
Leak Detection - Blocks Tested	275	265	350	388	350		275		1250	653
PM Sewer - LF Pipe cleaned	25000	62751	75000	119082	75000		50000		225000	181833


Alcove Critical Water Levels 2016 - 2017
54 Year Avg Elevation
Alert Stage
Warning Stage
Emerg. Stage 1
Emerg. Stage 2
2016 Elevation
2017 Elevation
620.00
615.00
610.00
605.00
600.00
595.00
590.00
585.00
580.00
Alcove Water Level
Jan
Feb
Mar
Apr
May
Jun
Jul
Aug
Sep
Oct
Nov
Dec
Month

Albany Water Board
Grants and Financing

Task Name	Project	Total	Grant	Financing	Potential Grant	Local Share
LTCP 2015-2017		**$8,971,786**	**$3,595,500**	**$5,083,286**		**$293,000**
EFC GIGP #764 Grant - Quail Street			$1,795,500			
City Share - Quail Street						$293,000
EFC C4-5402-14-00 CWSRF	LTCP 2015-2017			$5,083,286		
NYS WIIA for C4-5402-14-00 Grant	LTCP 2015-2017		$1,750,000			
DEC HREG T00067GG Grant	Stormwater In-Lieu of		$50,000			
Elberon/Hansen/Ryckman		**$6,250,000**	**$2,287,500**	**$3,962,500**	**$600,000**	
EFC C4-5402-15-00 CWSRF	Elberon/Ryckman/Hansen			$3,962,500		
DEC WQIP C00091GG Grant	Elberon/Ryckman/Hansen		$1,000,000			
EFC GIGP #1290 Grant	Ryckman		$450,000			
NYS WIIA 2016 Grant	Elberon/Ryckman/Hansen		$837,500			
EFC Integrated Solutions Grant - application submitted	Hansen Stormwater Harvesting				$600,000	
Upper Washington Corridor		**$9,708,644**	**$1,900,000**	**$7,808,644**	**$2,692,534**	
ESD #AA727/CFA#54968	Upper Washington Water & Sewer		$1,900,000			
EFC DWSRF #18377	Upper Washington Water			$2,115,350		
EFC C4-5402-16-00 CWSRF	Upper Washington Sewer			$5,693,294		
NYS WIIA 2017 Round 3 Application - Water 6/23/17					$1,269,210	
NYS WIIA 2017 Round 3 Application - Sewer 6/23/17					$1,423,324	
Feura Bush Filtration Plant Study		**$88,083**	**$15,393**			**$72,690**
Feura Bush Filtration Plant Improvements - 2017		**$2,657,400**		**$2,615,650**	**$1,569,390**	
Tivoli Preserve Stream Daylighting		**$3,132,500**	**$2,100,000**			**$1,032,500**
AWB Share - On-going Projects						$1,032,500
EFC GIGP 1387			$1,100,000			
NYSDEC WQIP C00326GG			$1,000,000			
CSO Monitoring		**$55,556**	**$50,000**			
AWB Share						$5,556
NYSDEC SPRTK Grant DEC01-CSOR1-2016-00016			$50,000			
LTCP 2018-2022		**$40,071,127**		**$40,071,127**	**$11,857,177**	
EFC CWSRF IUP Listing 2017 - submitted				$40,071,127		
NYS WIIA 2017 Round 3 Application - 6/23/17					$989,177	
NYS IMG 2017 First Round 6/23/17					$5,868,000	
DEC WQIP - Round VII CFA 7/28/17					$5,000,000	
Albany/Colonie Interconnections		**$1,600,000**		**$1,600,000**	**$1,920,000**	
IUP Project Listing				$1,600,000		
IMG Application 6/23/17					$640,000	
NYS WIIA 6/23/17					$960,000	
ESD - Albany/Colonie Water Interconnections 7/28/17					$320,000	
Rensselaer Lake Dam Safety Rehabilitation		**$3,170,000**		**$0**	**$500,000**	**$2,670,000**
AWB Capital Reserves						$2,670,000
OPRHP EPF - 7/28/17					$500,000	
Green Infrastructure Banking & Trading Program		**$2,000,000**		**$500,000**	**$1,000,000**	**$500,000**
AWB CIP						$500,000
EFC CWSRF				$500,000		
DEC WQIP					$1,000,000	
TOTAL		**$77,705,096**	**$9,948,393**	**$61,641,207**	**$20,139,100**	**$4,570,968**

Tax Map No.	Street No.	Street Name	Municipality	Class Code	Size	Assessed Value
64.37-1-20	30	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.11	$ 100.00
64.37-1-19	32	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.10	$ 100.00
64.37-1-18	34	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.09	$ 100.00
64.37-1-17	36	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.08	$ 100.00
64.37-1-16	38	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.07	$ 100.00
64.37-1-15	40	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.07	$ 100.00
64.37-1-14	42	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.07	$ 100.00
64.37-1-13	44	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.09	$ 100.00
64.37-1-12	46	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.11	$ 100.00
64.37-1-11	48	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.09	$ 100.00
64.37-1-10	50	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.08	$ 100.00
64.37-1-9	52	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.08	$ 100.00
64.37-1-8	54	BROOKLAND AVENUE	City of Albany	311 - Residential Vacant Land	.08	$ 100.00
63.36-1-33	REAR 69	GARDEN AVENUE	City of Albany	311 - Residential Vacant Land	.02	$ 600.00
63.28-1-36	2	OAK STREET	City of Albany	311 - Residential Vacant Land	.11	$ 700.00
63.28-1-34	6	OAK STREET	City of Albany	311 - Residential Vacant Land	.10	$ 1,000.00
63.28-1-35	4	OAK STREET	City of Albany	311 - Residential Vacant Land	.11	$ 1,000.00
64.61-1-46	30	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.39	$ 2,000.00
64.61-1-45	36	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.45	$ 2,000.00
64.61-1-44	42	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.48	$ 2,000.00
64.53-1-27	46	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.45	$ 2,000.00
64.53-1-26	52	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.34	$ 1,000.00
64.53-1-25	56	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.26	$ 1,000.00
64.53-1-24	64	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.54	$ 1,000.00
64.53-1-23	72	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.52	$ 1,000.00
64.53-1-22	78	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.24	$ 1,000.00
64.53-1-21	82	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.10	$ 800.00
64.53-1-20	88	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.08	$ 1,000.00
64.53-1-19	92	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.05	$ 800.00
64.53-1-18	98	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.10	$ 800.00
64.45-1-17	104	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.17	$ 1,000.00
64.45-1-16	108	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.19	$ 1,000.00
64.45-1-15	114	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.14	$ 1,000.00
64.45-1-14	124	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.24	$ 1,000.00
64.45-1-13	134	WOODVILLE AVE	City of Albany	311 - Residential Vacant Land	.27	$ 1,000.00

ALBANY CITY WATER BOARD
CAPITAL IMPROVEMENTS
7/28/2017 Summary

Project	2017 Proposed Budget	Status	Vendor	Asset	Invoice Date	Amount Spent to Date	Notes
Supply Reservior	***$ 170,000***		Arcadis	Engineering Services	3/20/2017	$ 1,631	Encumbered in 2016
			Arcadis	Engineering Services	4/20/2017	$ 1,061	Encumbered in 2016
						$ 2,692	
Supply Conduit	***$ 15,000***		Schnabel	Engineering Services	4/5/2017	$ 20,553	
						$ 20,553	
Feura Bush Filtration Plant	***(*)***		Ryan-Biggs	FB Plant	3/20/2017	12,508	
			Arcadis	Engineering Services	3/20/2017	$ 19,638	Encumbered in 2016
			Arcadis	Engineering Services	3/21/2017	$ 950	Encumbered in 2016
			Ryan-Biggs	FB Plant	3/17/2017	$ 2,769	
			OBG	Engineering Services	3/21/2017	$ 2,711	
			Arcadis	Engineering Services	4/4/2017	$ 8,692	Encumbered in 2016
						$ 47,267	
Distribution System	***$ 700,000***	Complete	Schnabel	Distribution	3/20/2017	$ 8,950	
			Arcadis	Engineering Services	3/21/2017	$ 8,579	Encumbered in 2016
			Schnabel	Engineering Services	4/5/2017	$ 9,545	
			Arcadis	Engineering Services	4/20/2017	$ 1,932	Encumbered in 2016
			Schnabel	Distribution	5/1/2017	$ 6,349	
						$ 35,354	
Loudonville Reservoir	***$ 290,000***						
						$ -	
Pumping Stations - Water	***$ 100,000***						
						$ -	
Engineering Fees-Water	***$ 100,000***	Open	O'Brien	Engineering Service	3/22/2017	$ 7,734	
			O'Brien	Engineering Service	4/4/2017	$ 3,549	
			Arcadis	Engineering Service	5/8/2017	$ 6,708	
						$ 17,991	
Erie Blvd Facility	***$ 100,000***						
						$ -	
Contingency - Water	**$ 15,000**		Schanbel	Engineering Service	4/5/2017	$ 20,970	
						$ 20,970	
Computers/ Meters	***$ 320,000***	Complete	HP	Workstation	2/28/2017	$ 5,949	
						$ 5,949	
Sewer Separation	**$ 100,000**		Green Mountain Pipeline	Sewer lining repairs	1/31/2017	$ 76,810	
			American Evergreen	Engineering Services	1/31/2017	$ 71,355	
			American Evergreen	Engineering Services	2/28/2017	$ 33,416	
			American Evergreen	Engineering Services	3/1/2017	$ 180,192	
			Arcadis	Engineering Services	3/21/2017	$ 7,510	Encumbered in 2016
			Arcadis	Engineering Services	4/4/2017	$ 3,244	Encumbered in 2016
			August Bohl Contracting	Engineering Services	4/30/2017	$ 206,186	
			Arcadis	Engineering Services	5/8/2017	$ 2,388	
			August Bohl Contracting	Engineering Services	6/1/2017	$ 310,171	
						$ 891,272	
Sewer Rehabilitation	**$ 750,000**	Complete	Kenyon Pipeline	18" CIPP Lining	3/15/2017	$ 32,500	
		Open	CHA	Engineering Services	3/21/2017	$ 8,900	
			Arcadis	Engineering Services	2/15/2017	$ 6,647	Encumbered in 2016
			Arcadis	Engineering Services	3/8/2017	$ 4,277	Encumbered in 2016
			CHA	Engineering Services	5/16/2017	$ 77,258	
			CHA	Elberon Place	5/16/2017	$ 22,700	
						$ 152,282	
Pumping Stations	***$ 150,000***		General Control Systems	Change Order	2/16/2017	$ 24,933	
		Complete	CHA	Engineering Services Sewer	3/17/2017	$ 21,825	
			CHA	Engineering Services Sewer	3/8/2017	$ 110,485	
						$ 157,243	
Engineering Fees-Sewer	***$ 100,000***	Open	CHA	Engineering Services Sewer		$ 1,700	
			CHA	Hansen Ryckman	5/16/2017	$ 750	
						$ 1,700	
Contingency - Sewer	**$ 15,000**		Arcadis	Engineering Services	3/21/2017	$ 12,676	Encumbered in 2016
			Arcadis	Engineering Services	4/4/2017	$ 6,385	
			Arcadis	Engineering Services	4/4/2017	$ 5,967	
			Arcadis	Engineering Services	5/8/2017	$ 1,136	
			Arcadis	Engineering Services	5/8/2017	$ 1,144	
						$ 27,308	
Overflows	**$ 75,000**		Albany Pool Communities	Route 32 Green	12/15/2016	$ 96,528	Encumbered in 2016
			CHA		2/1/2017	$ 1,167	

ALBANY CITY WATER BOARD
CAPITAL IMPROVEMENTS
7/28/2017 Summary

Project	2017 Proposed Budget	Status	Vendor	Asset	Invoice Date	Amount Spent to Date	Notes
			Albany Pool Communities	LTCP	4/28/2017	$ 30,271	
			CHA	Hansen Ryckman	5/16/2017	$ 6,175	
						$ 134,141	

2017 Budgeted Capital Improvements $ 3,000,000

Invoiced	**$ 1,514,722**	**Total Invoices 2017 Capital Improvements (Includes projects funded through grants, long term financing, and reserve funds)**
	$ 173,363	**Less Open 2016 Projects**
	$ 1,341,359	**Completed 2017 Projects**

Notes: Feura Bush Filtration Plant projects will be funded through grants and long term financing in 2017.

ARCADIS Design & Consultancy for natural and built assets

Albany Water Board
Arcadis Engineering Report
Date: July 24, 2017

Upcoming LTCP Projects\Dates

- **Performance of a Codes and Local Law Review, & Green Infrastructure Technical Design Guidance –** Provides each community with assistance in developing green infrastructure guidance for public and private application of green infrastructure. Scope to be further developed within the established budget based upon the goals and needs of each community. Technical Design Guidance is due by 8/1/2017.
- **Floatables Control Facility -** The proposed floatables facility will collect floatable debris and materials associated with CSOs from the Maiden, Stuben, Orange, Jackson and Livingston regulator structures. Contract awarded to Clough Harbor. Completed plans and specifications by 10/1/2017.

Arcadis Projects

- **RedZone Inspection of the Lincoln Park Sewer (Big C Area) -** Contractor completed the inspection of most of the sewer. Two buried manholes were uncovered and they will be returning to complete the inspection in August. Arcadis has started to review the reports.
- **Stevens Farm Erosion –** Arcadis is providing alternatives to address erosion occurring in the vicinity of a transmission main.
- **Large Diameter Brick Sanitary Sewer Chimney Inspection and Retrofit –** Conducting condition inspections of large diameter brick sewer chimneys and designing a retrofit to eliminate loading from road traffic.
- **Asset Management Plan –** The asset management plan will soon be submitted to the NYSDEC in accordance with the LTCP.
- **Miscellaneous Assistance –** CAD drawings for the Elbel Court valve replacement and Pine Bush Pump Station ventilation evaluation.