

**ALBANY WATER BOARD**  
**MINUTES OF REGULAR MEETING**  
December 16, 2016

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, December 16, 2016.

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

**STAFF PRESENT:** Joseph E. Coffey, Jr. PE, Commissioner, AWB; William Simcoe, P.E., Deputy Commissioner; Christopher Quirk, Chief Fiscal Officer, AWB; Elizabeth Romand, Confidential Assistant, AWB;

**BOARD ADVISORS PRESENT:** Trey Kingston, Assistant Corporation Counsel; Kevin Hogan, ARCADIS;

**ALSO PRESENT:** Keith Irish, Channel Albany; Steve Reilly and Andrew Petruzzelli, Lacey Thayer Reilly Wilson Architects;

**Approval of November 18, 2016 Meeting Minutes**

Vice Chairman William Clay introduced the minutes of the November 18, 2016 meeting. With no objection, the reading was dispensed and Vice Chairman William Clay called for a motion to approve the minutes of said meeting. A motion was made by Mr. Houghton seconded by Mr. Ranellone, and passed unanimously.

**Public Comment Period**

No public comment.

**Water Bill Review Committee**

There were no water billing appeals for review this period.

**Presentations**

Space Planning and Programming Study and Report- 10 N. Enterprise Drive & 35 Erie Blvd.: Steve Reilly and Andrew Petruzzelli presented the results of the programming study and space planning options for 10 N. Enterprise Drive and 35 Erie Blvd. detailing 3 primary options for space planning for the needs of the Department for the coming 10 years and possibly beyond. The option "2A" was most designated by the AWD space planning team as most ideal given the needs of the Department. The presenters noted that the space within the building could be configured in many ways to meet the needs. The site footprint; however, presents the greatest limitation, as parking, spoils storage, and

building footprint are quickly becoming more than the footprint can sustain. The AWD programming included the continued occupancy by the Traffic Engineering group.

### **Committee & Staff Reports**

**Audit Committee Report:** Charles Houghton, Audit Committee Chairman, reported that the Audit Committee met with BST Auditors to discuss the plans for the 2016 Independent Audit. He reports that BST expects to present audit findings to the Board at the May, 2017 monthly Board Meeting.

**Cash Flows and other combined Financial Information:** Christopher Quirk, Chief Fiscal Officer, submitted a statement of the Albany Water Board and Albany Municipal Water Finance Authority's Cash Flows and other combined Financial Information for the month and year to date period ending November 30, 2016. The CFO highlighted that due to updating policies pertaining to billing and annual tax roll, the November revenues were approximately one million dollars more than previous years. Annual revenue for 2016 is approximately \$1 million less than 2015 and a major component of the drop in revenue is due to the water restrictions in August/September due to the Lake Ave sinkhole and transmission main damage (no sales to Guilderland and drop in City consumption). The CFO will also show grant income in our financial reports beginning this month. The CFO also presented the 2017 Albany Water Board/ Albany Municipal Financing Authority Summary Budget & Transfer Document to the Board. Both detailed reports are attached.

**Key Performance Indicators and Critical Numbers Dashboard:** Commissioner Coffey presented the monthly Key Performance Indicators as of the end of November 2016 (attached). He noted that Overtime continues to be higher than budgeted due to the number of water main breaks/emergencies that have taken place in 2016.

**CFA Results:** Commissioner Coffey notified the Board that the Water Department has received the following grant awards- Patroon Creek Daylighting Grant Award(s) - \$1.1 million NYSEFC Green Innovation Grant Program (GIGP) and \$1.0 million from NYSDEC Water Quality improvement Program (WQIP). Additionally, the Department was awarded a \$ 50,000 CSO Grant Award for monitoring and flow metering projects.

**Capital Program Updates:** Commissioner Coffey presented updates to ongoing Capital Program projects. The Hansen/Ryckman Stormwater and Flood Control Project work continues as planned. The baseball field has been sodded and the majority of the constructed wetland is advancing as planned, with anticipated completion by the end of December, with final planting, paving and restoration work to take place in the Spring. Elberon Place project is now under design review with CHA Engineers. Plans appear to be complete, and the anticipated start date of the work is scheduled for April of 2017, with completion of all work in 2017.

**Grant Financing Update:** Deputy Commissioner William Simcoe presented a report updating grant financing on various projects (attached).

Contract Laboratory Services 2017: A Request for Proposals was issued and Proposals have been received for contracted laboratory services for 2017. After a thorough review of the applicant submissions, the Department recommends Phoenix Labs, based upon price, references and turnaround time for results.

Real Estate Consulting Services: A commercial real estate consulting group was sought to assist the Department in reviewing our programming and space planning study report and to assist us in considering other site options within the City limits. We are also asking the real estate consultant to assist us in our spoils disposals options. Request for Proposals were issued and proposals were received, and after a careful review, the Department staff recommends CBRE Albany to serve as our consultant for real estate support.

Consultant Engineer's Report: Kevin Hogan P.E., presented the Five Year (2017-2021) Capital Improvement Plan, which includes summaries of costs associated with 2017 projects, along with other projects for the programming years. The report also forecasts project financing needs for the next 5 years. The report is attached. Mr. Hogan also presented the ARCADIS monthly Engineering Report, which details the upcoming project dates and deadlines for the Long Term Control Plan and Arcadis projects. Report attached.

### **Old Business**

Albany County Properties – potential transfer to Albany Water Board: The County provided information on several vacant/ foreclosed parcels that run along the Krumkill Trunk Sewer. The lots are not buildable; however, acquiring them would allow better access to the trunk sewer for monitoring, maintenance, and repairs. A map of the properties is attached. The Board authorized the Commissioner to negotiate with Albany County on potential AWB acquisition of the referenced parcels.

### **New Business/ Resolutions**

Resolution 16-45: Authorizing Approval of Change Order #1 to the Quail Street GIGP Project for reduction of Contract Allowance. Change Order is a reduction in the contract allowance of \$43,193. Final Contract value is reduced from \$2,595,000 to \$2,551,807. This was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 16-46: Authorizing a Purchase Order in the amount of \$10,000 with Phoenix Laboratories for Contract Laboratory Services in 2017 was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 16-47: Authorizing the Commissioner to negotiate a contract with the preferred respondent to the AWB RFP for Real Estate Consulting Services was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 16-48: Adopting the 2017 Summary Budget and Transfer Document was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 16-49: Authorizing payment of third quarterly invoice to Hugh Johnson Financial Advisors for investment services was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 16-50: Approving an Amendment to the Financing Agreement by and Among the Albany Water Board, the City of Albany and the Albany Municipal Finance Authority relating to certain projects and authorizing the execution and delivery of certain documents by the Board in connection with the issuance of obligations by the Albany Municipal Finance Authority was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

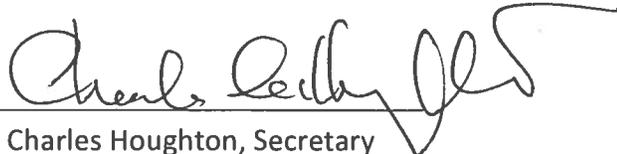
Resolution 16-51: Adopting the Five Year Capital Improvement Program (2017-2021) as prepared by ARCADIS of New York, dated December 2016, was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

#### Executive Session

No Executive Session took place.

Vice Chairman William Clay informed all those in attendance that the Annual Meeting of the AWB will be **Friday, January 27, 2017** at 9:30 AM in the AWB Conference Room. The Vice Chairman further advised all in attendance that the Regular Monthly Meeting will follow the Annual Meeting. The Vice Chairman noted that a meeting of the Governance Committee will be held at **9:00 AM Friday January 27, 2017**.

Being no further business, Vice Chairman Clay called for a motion to adjourn the meeting. A motion was made by Mr. Houghton, seconded by Mr. Ranellone and passed unanimously. The meeting was adjourned at 11:15 AM.

Approved by:   
Charles Houghton, Secretary

## MEMORANDUM

TO: Members of the Albany Water Board and Members of the Albany Municipal Water Finance Authority

FROM: Chris Quirk, Chief Fiscal Officer

RE: **COMBINED STATEMENTS OF CASH FLOWS AND OTHER COMBINED FINANCIAL INFORMATION OF THE ALBANY WATER BOARD AND THE ALBANY MUNICIPAL WATER FINANCE AUTHORITY FOR THE ONE MONTH PERIOD ENDED NOVEMBER 30, 2016**

DATE: December 16, 2016

The following is a discussion of certain highlights and other significant operating matters:

***Water/Sewer Revenue*** Annual Budget - \$37,000,000; Annual Budget Net of Rollover

Actual revenue collections for the month of November 2016 were \$1,453,286 an amount 163% higher than net monthly budget of \$553,476. This amount is \$58,140 lower than November 2015.

***Investment Income*** Annual Budget - \$200,000 PAGE 2

As of November 30, 2016 year-to-date investment income was \$388,764 compared to investment income of \$259,693 as of November 30, 2015.

***Operating Expenses*** Annual Budget - \$28,456,200 PAGE 3

Year-to-date operating expenses (excluding capital and debt service expenses) are approximately \$21,854,336 which is \$439,194 or 2% higher than 2015, and \$2,170,521 or 9% under adjusted budgeted amounts as of November 30, 2016.

The personnel services category is 10% under budget. Overtime expense is 14.3% over budget.

***Capital Project Costs*** Annual Budget - \$3,000,000 PAGE 4

Approximately \$3,453,754 in capital project costs was expended through November 30, 2016.

***Cash Flow after Cap Ex, Deb Service and Grant Revenue is -Negative*** \$456,866 thru November 30, 2016

***Due from the City Of Albany-*** \$10,043,641 at November 30, 2016

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**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER FINANCE AUTHORITY**  
**STATEMENTS OF CASH FLOWS**  
**November 30, 2016**

	One Month		Year-To-Date		Percent	Percent	
	Period Ended	Periods Ended	November 30	November 30			
	2016	2015	Variance	Variance	Variance	Variance	
<b>Revenues</b>							
Water/sewer revenue	\$ 1,453,286	\$ 1,511,426	\$ (58,140)	\$ 30,351,268	\$ 31,314,479	\$ (963,211)	-3.1%
Investment income	130,896	117,129	13,767	388,764	259,693	129,071	49.7%
Total revenues	1,584,182	1,628,555	(44,373)	30,740,032	31,574,172	(834,140)	-2.6%
<b>Operating expenses</b>							
Operation/maintenance costs	871,446	1,245,124	(373,678)	21,854,336	21,415,142	439,194	2.1%
Board/Authority expenses	4,699	5,343	(644)	79,862	75,163	4,699	6.3%
Total expenses	876,145	1,250,467	(374,322)	21,934,198	21,490,305	443,893	2.1%
<b>Net operating cash flows before debt service and capital project costs</b>	708,037	378,088	329,949	8,805,834	10,083,867	(1,278,033)	-12.7%
Debt service costs	(561,580)	(564,820)	3,240	(6,177,380)	(6,210,800)	33,420	-0.5%
Capital project costs	(353,823)	(44,554)	(309,269)	(3,453,754)	(1,146,595)	(2,307,159)	201.2%
Grant Income	261,566			368,434			
<b>Net cash flow (deficiency)</b>	\$ 54,200	\$ (231,286)	\$ 285,486	\$ (456,866)	\$ 2,726,472	\$ (3,183,338)	-116.8%

**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER FINANCE AUTHORITY**  
**SCHEDULE OF REVENUES**  
*November 30, 2016*

	2016		2016		2015		2015		Variance Favorable (Unfavorable)	Variance %
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual		
<b>Water and sewer revenue</b>										
November	\$ 553,476	\$ 1,453,286	\$ 899,810		\$ 336,590	\$ 1,511,426	\$ 1,174,836			349%
Year-to-Date	\$ 28,480,857	\$ 30,351,268	\$ 1,870,411		\$ 26,240,394	\$ 31,314,479	\$ 5,074,085			19%
<b>Investment income</b>										
November	\$ 16,667	\$ 130,896	\$ 114,229		\$ 12,500	\$ 117,129	\$ 104,629			837%
Year-to-Date	\$ 183,337	\$ 388,764	\$ 205,427		\$ 137,500	\$ 259,693	\$ 122,193			89%

**Additional Cash Receipts**

<b>Meter Recovery Fees</b>				
November	\$ -			
Year-to-Date	\$ -	\$ -		
<b>Sales of Scrap</b>				
November	\$ -	\$ -		
Year-to-Date	\$ -	\$ 6,082		
<b>Insurance Recoveries</b>				
November	\$ -	\$ -		
Year-to-Date	\$ -	\$ 19,136		
<b>Miscellaneous Income</b>				
November	\$ -	\$ 4,522		
Year-to-Date	\$ -	\$ 93,180		

Note: The revenue budgets reflect forecasted revenue collections of \$37,000,000 and \$34,700,000 for 2016 and 2015, respectively.

**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER AUTHORITY**  
**SCHEDULE OF OPERATING EXPENSES**  
**November 30, 2016**

	2016 ANNUAL ADJUSTED BUDGET	YEAR-TO-DATE NOVEMBER 2016			2015 YTD ACTUAL
		ADJUSTED BUDGET	ACTUAL	(OVER)/ UNDER	
<b>Administration</b>					
Personnel services	1,152,736	\$ 1,043,987	930,800	\$ 113,187	777,002
Equipment	1,000	\$ 750	399	351	975
Contractual and other expenses	193,148	\$ 131,399	156,447	(25,048)	153,624
Benefits	390,398	\$ 357,865	219,406	138,459	202,500
	1,737,282	1,534,001	1,307,052	226,949	1,134,101
<b>Supply, Power and Pumping</b>					
Personnel services	803,481	\$ 727,681	649,729	77,952	590,029
Equipment	43,000	\$ 39,417	43,000	(3,583)	-
Contractual and other expenses	104,913	\$ 81,853	32,849	49,004	70,792
Benefits	358,894	\$ 328,986	201,643	127,343	169,959
	1,310,288	1,177,937	927,221	250,716	830,780
<b>Purification</b>					
Personnel services	1,139,326	\$ 1,031,842	873,668	158,174	986,753
Equipment	190,000	\$ 65,421	82,131	(16,710)	118,477
Contractual and other expenses	1,146,062	\$ 894,158	625,673	268,485	783,563
Benefits	375,037	\$ 343,784	254,021	89,763	307,183
	2,850,425	2,335,205	1,835,493	499,712	2,195,976
<b>Transmission/Distribution</b>					
Personnel services	2,531,584	\$ 2,292,755	2,215,771	76,984	2,004,433
Equipment	745,000	\$ 578,092	482,402	95,690	206,593
Contractual and other expenses	1,628,765	\$ 1,270,762	1,147,978	122,784	1,284,490
Benefits	849,238	\$ 778,468	673,853	104,615	687,529
	5,754,587	4,920,078	4,520,004	400,074	4,183,045
<b>Sewer Services</b>					
Personnel services	825,134	\$ 747,291	584,492	162,799	620,272
Equipment	589,000	\$ 539,917	454,050	85,867	154,396
Contractual and other expenses	1,714,370	\$ 1,337,551	1,075,066	262,485	1,388,010
Benefits	196,956	\$ 180,543	157,232	23,311	115,814
	3,325,460	2,805,302	2,270,840	534,462	2,278,492
<b>Pumping Stations</b>					
Personnel services	149,790	\$ 135,659	103,843	31,816	117,442
Equipment	25,000	\$ 22,917	17,974	4,943	7,223
Contractual and other expenses	400,609	\$ 312,555	206,463	106,092	161,185
Benefits	37,757	\$ 34,611	28,522	6,089	45,886
	613,156	505,741	356,802	148,939	331,736
<b>Taxes Paid to Municipalities</b>					
	2,112,359	\$ 2,112,359	1,948,121	164,238	1,942,768
<b>County Sewer Contract</b>					
	6,177,000	\$ 6,232,000	6,231,856	144	6,121,068
<b>Contingencies, Insurance and Other</b>					
	4,575,643	\$ 2,402,234	2,456,947	(54,713)	2,397,176
<b>TOTALS</b>	<b>\$ 28,456,200</b>	<b>\$ 24,024,857</b>	<b>\$ 21,854,336</b>	<b>\$ 2,170,521</b>	<b>\$ 21,415,142</b>

**EXPENSE SUMMARY:**

	2016	2015	Change
Personal Services	5,358,303	5,095,931	262,372
Equipment	1,079,956	487,664	592,292
Contractual and other expenses	3,244,476	3,841,664	(597,188)
Benefits	1,534,677	1,528,871	5,806
Other	10,636,924	10,461,012	175,912
	21,854,336	21,415,142	439,194

Percent Increase/Decrease over 2015	2.1%
Percent under Budget	-9.03%
Personal Services under Budget	-10%

**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER AUTHORITY**  
**SCHEDULE OF CAPITAL PROJECT COSTS**  
*November 30, 2016*

***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
	<b>\$</b>	<b>48,993,267</b>

***Comparative Expenditures***

[----- 2015 -----]		2016	
January	\$ -	January	\$ -
February	77,235	February	
March	33,828	March	423,060
April	84,334	April	72,924
May	86,474	May	94,213
June	17,174	June	329,510
July	161,417	July	115,872
August	59,130	August	253,453
September	208,826	September	1,383,307
October	373,623	October	427,592
November	44,554	November	353,823
December	929,999	December	-
	<b>\$ 2,076,594</b>		<b>\$ 3,453,754</b>

	Budget 11/30/2016 YTD	Actual 11/30/2016 YTD	Budget Difference (over)/under	Actual 11/30/2015 YTD	Actual Difference (over)/under
<b>OVERTIME</b>					
<i>Supply, Power and Pumping</i>	\$ 87,692	\$ 100,222	\$ (12,530)	\$ 49,544	\$ (50,678)
<i>Purification</i>	\$ 124,615	\$ 101,490	\$ 23,125	\$ 110,897	\$ 9,407
<i>Transmission/Distribution</i>	\$ 276,923	\$ 343,275	\$ (66,352)	\$ 307,129	\$ (36,146)
<i>Sewer Services</i>	\$ 36,923	\$ 62,842	\$ (25,919)	\$ 62,258	\$ (584)
<i>Pumping Stations</i>	\$ 9,231	\$ 3,915	\$ 5,316	\$ 8,865	\$ 4,950
<b>TOTAL</b>	\$ 535,385	\$ 611,744	\$ (76,359)	\$ 538,693	\$ (73,051)
<b>Percentage</b>			<b>-14.26%</b>		<b>-13.6%</b>
<b>DUE FROM THE CITY OF ALBANY</b>					
		<b>11/30/2016</b>			
	\$ 10,043,641				

**Albany Water Board**  
**Albany Municipal Water Finance Authority**

**PRELIMINARY**  
**12/13/16**

**Summary Budget and Transfer Document**  
**2017 (With Comparative Numbers for 2016)**

	2017	2016
Water/sewer revenue	\$ 39,290,000	\$ 37,000,000
Investment revenue	400,000	200,000
<b>Total revenue</b>	<b>39,690,000</b>	<b>37,200,000</b>
System operating expenses (Schedule A) (net of capital projects)	31,317,746	28,456,200
Board expenses (Schedule B)	30,000	44,000
Authority expenses (Schedule C)	45,000	75,000
<b>Total expenses</b>	<b>31,392,746</b>	<b>28,575,200</b>
Amount available to fund debt service and capital projects	8,297,254	8,624,800
Debt service (Schedule D)	(5,681,608)	(6,388,522)
Capital projects	(3,000,000)	(3,000,000)
<b>Budgeted cash deficit</b>	<b>\$ (384,354)</b>	<b>\$ (763,722)</b>

**Debt Ratio Computation**

1.15:1 Requirement	<u>\$ 8,297,254</u>	<u>\$ 8,624,800</u>
	<b>\$ 5,681,608</b>	<b>\$ 6,388,522</b>
	<b>= 1.46:1</b>	<b>= 1.35:1</b>

**NOTE:** The Debt Service Budget (Schedule D) and the above Summary Budget will be updated subsequent to the Authority's closing on EFC's LTCP debt financing (in late December 2016, or upon such time when the actual 2017 debt service requirements are made available). This update, however, will not have a material impact on the 2017 Debt Coverage Ratio.

# Albany Water Board

## Schedule of Budgeted Operating Expenditures 2017 (With Comparative Budget Information for 2013, 2014, 2015 and 2016)

	2017	2016	2015	2014	2013
<b>TAXES PAID TO MUNICIPALITIES</b>	<b>\$ 2,196,853</b>	<b>\$ 2,112,359</b>	<b>\$ 2,031,114</b>	<b>\$ 2,000,000</b>	<b>\$ 2,000,000</b>
<b>ADMINISTRATION</b>					
Personal Services	1,390,223	1,152,736	910,771	753,637	735,255
Equipment	11,000	1,000	1,000	-	1,500
Contractual and Other Expenses	212,462	193,148	178,019	139,400	146,900
Benefits	479,122	390,398	346,151	300,156	293,247
	<b>2,092,807</b>	<b>1,737,282</b>	<b>1,435,941</b>	<b>1,193,193</b>	<b>1,176,902</b>
<b>SOURCE OF SUPPLY, POWER AND PUMPING</b>					
Personal Services	942,035	803,481	872,825	916,869	887,862
Equipment	36,000	43,000	-	-	27,500
Contractual and Other Expenses	135,844	104,913	112,030	95,200	123,700
Benefits	199,600	358,894	305,646	265,410	214,921
	<b>1,313,479</b>	<b>1,310,288</b>	<b>1,290,501</b>	<b>1,277,479</b>	<b>1,253,983</b>
<b>PURIFICATION</b>					
Personal Services	1,347,227	1,139,326	1,106,042	1,107,857	1,082,423
Equipment	207,000	190,000	190,000	115,000	115,000
Contractual and Other Expenses	1,357,466	1,146,062	1,123,178	1,003,000	1,070,000
Benefits	443,073	375,037	281,837	245,751	347,805
	<b>3,354,766</b>	<b>2,850,425</b>	<b>2,701,057</b>	<b>2,471,608</b>	<b>2,615,228</b>
<b>TRANSMISSION AND DISTRIBUTION</b>					
Personal Services	2,727,920	2,531,584	2,441,091	2,265,319	2,173,253
Equipment	795,000	745,000	526,000	241,000	318,500
Contractual and Other Expenses	2,302,939	1,628,765	1,636,097	1,443,670	1,535,750
Benefits	941,946	849,238	759,548	663,297	776,348
	<b>6,767,805</b>	<b>5,754,587</b>	<b>5,362,736</b>	<b>4,613,286</b>	<b>4,803,851</b>
<b>SEWER MAINTENANCE</b>					
Personal Services	907,425	825,134	577,104	725,996	699,726
Equipment	257,000	589,000	166,000	120,000	120,000
Contractual and Other Expenses	1,882,312	1,714,370	1,274,710	1,256,000	1,261,000
Benefits	202,518	196,956	217,330	195,539	203,529
	<b>3,249,255</b>	<b>3,325,460</b>	<b>2,235,144</b>	<b>2,297,535</b>	<b>2,284,255</b>
<b>PUMPING STATIONS</b>					
Personal Services	150,790	149,790	149,790	149,790	143,642
Equipment	30,000	25,000	15,000	15,000	25,000
Contractual and Other Expenses	417,765	400,609	334,573	310,650	338,150
Benefits	72,035	37,757	70,259	59,459	65,989
	<b>670,590</b>	<b>613,156</b>	<b>569,622</b>	<b>534,899</b>	<b>572,781</b>
<b>ALBANY COUNTY SEWER CONTRACT</b>	<b>6,578,505</b>	<b>6,177,000</b>	<b>6,050,000</b>	<b>6,000,000</b>	<b>6,200,000</b>
<b>CITY OVERHEAD ALLOCATIONS</b>	<b>1,150,000</b>	<b>1,150,000</b>	<b>750,000</b>	<b>-</b>	<b>-</b>
<b>CONTINGENCIES AND OTHER</b>	<b>3,943,686</b>	<b>3,425,643</b>	<b>3,750,703</b>	<b>2,961,000</b>	<b>3,186,000</b>
<b>TOTALS BEFORE CAPITAL PROJECTS</b>	<b>\$ 31,317,746</b>	<b>\$ 28,456,200</b>	<b>\$ 26,176,818</b>	<b>\$ 23,349,000</b>	<b>\$ 24,093,000</b>

**2016 BUDGET NOTES:**

- The 2017 budget principally reflects estimated expenditures prepared by the Department and the City Budget Office.
- The 2017 contingencies and other category includes budgeted undistributed employee benefits in the amount of \$2,105,018 (\$1,315,413 of which relates to NYS Retirement System contributions), fees and services in the amount of \$808,940, contingencies in the amount of \$650,000, and other items in the amount of \$379,728, as compiled by the City Budget Office.
- The 2017 budget provides for \$3,000,000 in capital expenditures which are not included in the above operating expenditures.
- The 2017 City overhead allocations include an additional \$400,000 in costs relating to engineering services.

**Albany Water Board**

**Board Expense Budget  
2017**

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Member Stipends	\$ 25,000
Payroll Taxes	4,000
Financial Advisor Fees	10,000
Other Administrative Costs/Contingencies	5,000
	<hr/>
	\$ 44,000 *

---

*\*Without regard to carryover of unexpended funds from 12/31/16.*

Total 2017 Budget	\$ 44,000
Less: Estimated Cash to be Carried-Over From 2016 to 2017	<u>14,000</u>
Amount of 2017 Transfer	<u>\$ 30,000</u>

## ***Albany Municipal Finance Authority***

### ***Authority Expense Budget 2017***

---

Member Stipends	\$ 30,000
Payroll Taxes	5,000
Legal Fees	15,000
Financial Advisor Fees	10,000
Trustee and EFC Administrative Fees	10,000
Other Administrative Costs/Contingencies	5,000
	<hr/>
	\$ 75,000 *

---

*\*Without regard to carryover of unexpended funds from 12/31/16.*

Total 2017 Budget	\$ 75,000
Less: Estimated Cash to be Carried-Over From 2016 to 2017	<u>30,000</u>
Amount of 2017 Transfer	<u>\$ 45,000</u>

## Albany Municipal Water Finance Authority

### Authority Debt Service Budget 2017

#### 2011 SERIES BONDS

	Total
Interest Payment (June 1, 2017)	\$ 768,175
Principal Payment (December 1, 2017)	3,940,000
Interest Payment (December 1, 2017)	768,175
Total Funding Needed (through December 1, 2017 debt service payments)	<b>5,476,350</b>
Less: Amount of Current Holdings <sup>(D)</sup>	-
Budget Totals	<b>\$ 5,476,350</b> <sup>(A) (C)</sup>
Monthly Transfer (1/11 <sup>th</sup> )	\$ 497,850

#### ADDITIONAL DEBT SERVICE REQUIRED ON SRF BONDS<sup>(B)</sup>

	Total	2016 Issue	2010 C Issue	2012 B (1) Issue	2012 B (2) Issue	2012 B (3) Issue
01/15/2016 Interest <sup>(B)</sup>	\$ 36,465	\$ -	\$ -	\$ -	\$ 29,446	\$ 7,019
01/15/2016 Principal	30,000	-	-	-	30,000	-
02/15/2016 Interest <sup>(B)</sup>	8,171	-	-	8,171	-	-
04/15/2016 Interest <sup>(B)</sup>	887	-	887	-	-	-
07/15/2016 Interest <sup>(B)</sup>	35,677	-	-	-	28,658	7,019
07/15/2016 Principal	50,000	-	-	-	30,000	20,000
08/15/2016 Principal	20,000	-	-	20,000	-	-
08/15/2016 Interest <sup>(B)</sup>	8,171	-	-	8,171	-	-
10/15/2016 Principal	15,000	-	15,000	-	-	-
10/15/2016 Interest <sup>(B)</sup>	887	-	887	-	-	-
<b>Total</b>	<b>\$ 205,258</b> <sup>(C)</sup>	<b>\$ -</b> <sup>(E)</sup>	<b>\$ 16,774</b>	<b>\$ 36,342</b>	<b>\$ 118,104</b>	<b>\$ 34,038</b>

<sup>(A)</sup> See Transfer Schedule

<sup>(B)</sup> Without Regard to EFC Interest Subsidy Credits and Administrative Fees

<sup>(C)</sup> Total Debt Service Requirements for 2017 = **\$5,681,608**

<sup>(D)</sup> Estimated account balance as of December 31, 2016 (to be determined).

<sup>(E)</sup> The Debt Service Requirements relating to the first tranche of the LTCP project financing is currently not quantified and, as such, is excluded from this debt schedule.

**SCHEDULE E**

## Albany Water Board Albany Municipal Water Finance Authority

### Required Transfer Schedule 2017



On The 1st Day Of	Board Expense M&T Bank #8891631650	City Account KeyBank #710990019	Ongoing Projects Fidelity #676202885 (C)	Authority (Expense Fund) Checking M&T Bank #8891632161	2011A Debt Service Fund M&T Trust #1033343
January	\$ 3,000	\$ 2,528,500	\$ -	\$ 5,000	\$ 497,850
February	3,000	1,878,500	250,000	4,000	497,850
March	3,000	5,167,750	250,000	4,000	497,850
April	3,000	1,878,500	250,000	4,000	497,850
May	3,000	1,878,500	250,000	4,000	497,850
June	3,000	1,878,500	250,000	4,000	497,850
July	3,000	1,878,500	250,000	4,000	497,850
August	3,000	1,878,500	250,000	4,000	497,850
September	3,000	3,425,353	250,000	4,000	497,850
October	3,000	5,168,143	-	4,000	497,850
November	-	1,878,500	-	4,000	497,850
December	-	1,878,500	-	-	-
	\$ 30,000	\$ 31,317,746 (D)	\$ 2,000,000	\$ 45,000	\$ 5,476,350

- NOTES:**
- (A) All Authority Debt Service Fund transfers are provided on a priority basis.
  - (B) Any excess balances are to be transferred to (or from) Operation/Maintenance Reserve Account (M&T Bank: #8891631668).
  - (C) Funding budgeted for 2017 represents the 7<sup>th</sup> year of funding.
  - (D) Operating budget of \$31,317,746 to be funded monthly. The capital projects budget of \$3,000,000 will be advanced by the City and repaid through the tax rollover process in December 2017.
  - (E) Excess funds are transferred to Fidelity (#676196705).

COPY TO: M&T BANK; JOHNSON ADVISORS; CITY COMPTROLLER

Department of Water and Water Supply - 2016 Key Performance Indicators and Critical Numbers Dashboard

Parameter	Annual Goal or YTD												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
Water/Sewer Revenue	Budget	\$3,014,405	\$2,563,982	\$2,280,621	\$2,464,072	\$2,554,224	\$2,429,593	\$3,133,190	\$2,843,011	\$3,567,745	\$553,476	\$8,519,144	\$37,000,000
	Actual MTD	\$3,155,960	\$2,381,283	\$3,322,199	\$3,321,607	\$3,370,003	\$1,698,219	\$3,521,286	\$3,802,629	\$3,104,175	\$1,453,286	\$1,453,286	\$28,480,857
	Budget YTD/MTD	\$3,014,405	\$5,578,387	\$7,859,008	\$10,323,080	\$13,399,617	\$18,383,434	\$21,516,624	\$24,359,636	\$27,927,381	\$28,480,857	\$30,351,268	\$30,351,268
	Actual YTD/MTD	\$3,155,960	\$5,537,243	\$8,859,444	\$10,794,051	\$14,107,446	\$18,406,366	\$21,928,402	\$25,786,738	\$28,956,111	\$30,351,268	\$30,351,268	\$30,351,268
	% Actual MTD vs Budget MTD	104.70%	92.87%	104.59%	104.59%	109.56%	109.94%	103.00%	113.73%	107.91%	101.91%	108.57%	108.57%
% Actual YTD vs Budget YTD	104.70%	90.26%	104.59%	104.59%	104.26%	104.72%	100.12%	101.81%	105.86%	101.68%	108.57%	#DIV/0!	106.57%
Operating Expenses	Budget	\$1,453,407	\$1,144,754	\$2,947,280	\$4,293,340	\$1,115,343	\$1,551,156	\$1,729,057	\$5,475,585	\$1,123,610	\$1,756,844	\$4,429,707	\$28,456,200
	Actual MTD	\$1,374,646	\$698,693	\$1,416,578	\$3,803,622	\$1,175,679	\$2,415,162	\$1,217,392	\$5,771,801	\$1,430,491	\$871,446	\$1,430,491	\$24,024,857
	Budget YTD/MTD	\$1,453,407	\$2,598,161	\$5,545,441	\$9,838,780	\$10,954,123	\$14,236,336	\$15,669,485	\$21,144,403	\$22,268,013	\$24,024,857	\$24,024,857	\$24,024,857
	Actual YTD/MTD	\$1,374,646	\$2,073,340	\$3,489,918	\$7,293,540	\$8,463,219	\$12,210,634	\$13,780,598	\$19,552,399	\$20,982,890	\$21,854,336	\$21,854,336	\$21,854,336
	% Actual vs Budget MTD/MTD	94.59%	92.87%	104.59%	104.59%	105.41%	105.17%	92.17%	92.47%	105.41%	92.43%	90.97%	90.97%
% Actual YTD vs Budget YTD	94.59%	92.87%	104.59%	104.59%	104.26%	104.72%	100.12%	101.81%	105.86%	101.68%	108.57%	#DIV/0!	106.57%
Net Operating Cash Flows	Actual MTD/YTD	\$1,781,812	\$3,468,467	\$1,920,152	-\$1,868,855	\$2,325,463	\$1,871,445	\$489,000	\$1,913,902	-\$1,958,115	\$1,692,147	\$708,037	\$8,805,834
	Budget	\$1,220,232	\$2,345,307	\$935,512	-\$2,503,359	\$1,669,670	-\$703,945	-\$188,452	\$1,098,869	-\$3,903,002	\$702,975	\$54,200	-\$456,866
Water Produced	Monthly total (million gallons)	523.875	503.359	535.870	526.286	586.203	596.898	664.859	482.023	579.474	555.692	6073.961	6073.961
	Daily average (MGD)	16.899	17.357	17.286	17.543	21.300	19.900	22.092	16.111	18.663	18.523	18.340	18.340
Total Department OT Hrs.	1967	1986	1916	1853	2141	2081	2045	2375	1709	1497	1580	19580	19580
	Budget MTD	\$55,769	\$44,616	\$44,616	\$55,769	\$44,616	\$55,769	\$44,616	\$55,769	\$44,616	\$44,616	\$44,616	\$580,000
Total Department OT \$	Actual MTD	\$61,781	\$60,885	\$45,587	\$65,800	\$46,568	\$50,327	\$73,963	\$56,681	\$66,640	\$40,350	\$43,362	\$43,362
	Budget YTD	\$55,769	\$100,385	\$145,000	\$200,769	\$245,385	\$290,000	\$345,769	\$390,000	\$446,154	\$490,769	\$535,385	\$535,385
	Actual YTD	\$61,781	\$122,466	\$168,053	\$233,853	\$280,421	\$330,748	\$404,711	\$461,392	\$528,032	\$611,744	\$611,744	\$611,744
	% Budget MTD	110.78%	120.88%	102.19%	117.82%	104.38%	112.89%	117.62%	112.89%	118.29%	90.44%	97.19%	97.19%
	% Budget YTD	110.78%	120.88%	102.19%	117.82%	104.38%	112.89%	117.62%	112.89%	118.29%	90.44%	97.19%	97.19%
ACSD monthly avg flow (MGD)	contracted flow	21.97	22.88	21.47	20.89	20.14	18.71	18.63	20.26	17.46	17.68	18.340	18.340
	total	25.75	26.95	25.48	25.09	24.01	22.45	22.48	24.19	21.18	21.60	21.60	21.60
Locations	regular	228	300	650	710	702	730	629	1061	931	810	543	7294
	emergency	119	93	76	72	87	106	82	120	93	88	100	1036
Leak Detection	Blocks Tested	115	90	76	68	94	62	69	79	113	140	183	1089
	Leaks Detected	4	4	8	5	3	2	5	4	12	5	8	60

Legend:   
well over goal   
at goal   
caution   
unacceptable - corrective action required

Department of Water and Water Supply - 2016 Key Performance Indicators and Critical Numbers Dashboard

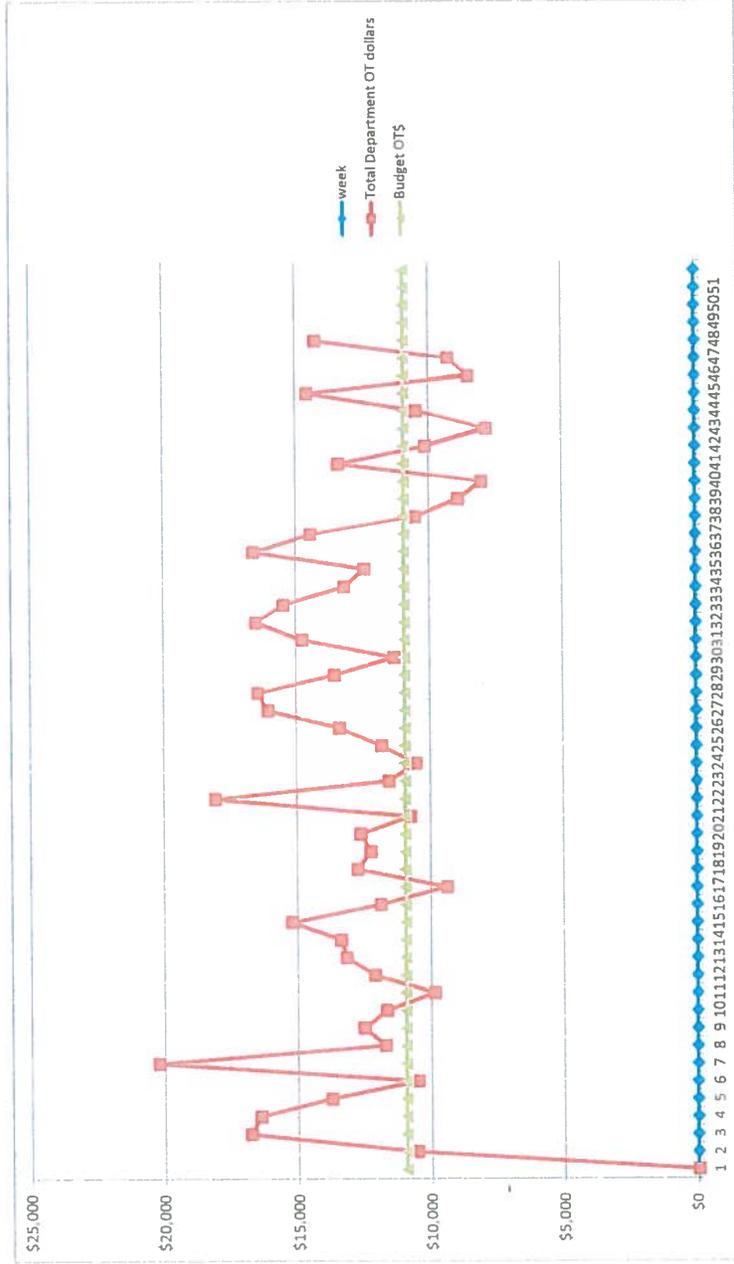
Parameter	Annual Goal or YTD												YTD
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
<b>Injury Reports (New)</b>	8	4	7	4	6	5	0	4	11	5	5	5	59
Total Reports Submitted	4	3	5	4	6	1	0	4	6	4	3	4	40
Total resulting in Medical Treatment	2	3	4	2	2	0	0	1	3	4	3	4	24
Total resulting in Time Loss	11	43	35	2	5	0	0	16	24	37	21	21	194
<b>Lost Work Days (Injuries)</b>	13	5	3	1	2	4	4	3	2	2	2	2	41
Water Main Breaks * 48-inch ** 36-inch transmission line	0	1	1	1	3	0	0	1	0	1	0	0	8
<b>Sewer Repairs</b>	3	4	3	5	5	3	3	2	4	2	4	4	38
<b>Valves Repair/Replaced</b>	0	5	4	1	2	2	6	8	9	11	1	1	49
<b>MH Repairs</b>	0	3	1	1	6	4	2	1	1	1	2	2	22
<b>Hydrant Replacements</b>	0	1	1	0	0	0	0	0	0	0	0	0	2
<b>Hydrant Repairs</b>	2	3	3	2	2	7	4	2	0	1	2	2	28
<b>Service Terminations</b>	4	5	3	5	4	6	6	9	10	15	8	8	75
<b>Service Repairs</b>	8	8	11	14	17	15	14	16	12	16	6	6	139
<b>Basin Repairs</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Frozen Service</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Curb Box and Rod replaced</b>	1	7	8	6	3	1	5	2	8	1	1	1	43
<b>Valve Box replaced</b>	0	0	1	2	1	2	1	2	2	1	1	1	13
<b>Install Valve</b>													
<b>Ortons Installed</b>	241	231	147	142	147	136	115	55	79	72	86	86	1451
Goal													
Actual YTD													



budget OT\$ weekly OT\$

week

week	budget OT\$	weekly OT\$
1	\$10,943	\$0
2	\$10,943	\$10,549
3	\$10,943	\$16,773
4	\$10,943	\$16,410
5	\$10,943	\$13,739
6	\$10,943	\$10,503
7	\$10,943	\$20,210
8	\$10,943	\$11,720
9	\$10,943	\$12,509
10	\$10,943	\$11,664
11	\$10,943	\$9,871
12	\$10,943	\$12,114
13	\$10,943	\$13,152
14	\$10,943	\$13,370
15	\$10,943	\$15,186
16	\$10,943	\$11,872
17	\$10,943	\$9,385
18	\$10,943	\$12,730
19	\$10,943	\$12,237
20	\$10,943	\$12,606
21	\$10,943	\$10,752
22	\$10,943	\$18,041
23	\$10,943	\$11,546
24	\$10,943	\$10,536
25	\$10,943	\$11,814
26	\$10,943	\$13,371
27	\$10,943	\$16,050
28	\$10,943	\$16,436
29	\$10,943	\$13,542
30	\$10,943	\$11,333
31	\$10,943	\$14,752
32	\$10,943	\$16,487
33	\$10,943	\$15,452
34	\$10,943	\$13,165
35	\$10,943	\$12,413
36	\$10,943	\$16,590
37	\$10,943	\$14,421
38	\$10,943	\$10,504
39	\$10,943	\$8,909
40	\$10,943	\$8,024
41	\$10,943	\$13,375
42	\$10,943	\$10,134
43	\$10,943	\$7,845
44	\$10,943	\$10,468
45	\$10,943	\$14,538
46	\$10,943	\$8,515
47	\$10,943	\$9,267
48	\$10,943	\$14,232
49	\$10,943	
50	\$10,943	
51	\$10,943	
52	\$10,943	
53	\$10,943	





# Environmental Facilities Corporation

ANDREW M. CUOMO  
Governor  
SABRINA M. TY  
President and CEO

December 8, 2016

**RECEIVED**

DEC 14 2016

Department of Water  
And Water Supply  
Albany, N.Y.

Mr. Joseph Coffey  
Commissioner  
Albany Water Board  
10 N. Enterprise Drive  
Albany, NY 12204

Dear Commissioner Coffey:

In 2011, Governor Cuomo launched the Regional Economic Development Councils and the Consolidated Funding Application (CFA) to provide each region with the tools to create and implement their own roadmap for economic prosperity and job creation. This community-based model uses local assets to drive local economic growth and has resulted in unprecedented partnerships and collaboration that are building a reinvigorated economy.

After five successful rounds, the 2016 CFA made \$750 million in economic development resources available from over thirty programs across eleven state agencies. The agency programs provide resources for projects focused on community development and job creation, tourism, waterfront revitalization, energy and environmental improvements, sustainability, and low-cost financing. The New York State Environmental Facilities Corporation (EFC) is proud to have contributed \$10,000,000 to this year's Consolidated Funding Application.

This year's applicant pool was highly competitive, so the EFC is pleased to inform you that CFA No. 67944, the Albany Water Board Tivoli Lake Preserve Stream Daylighting Project, has been selected to receive up to \$1,100,000 in funding for the daylighting and restoration of portions of the Patroon Creek through the Green Innovation Grant Program (GIGP). The GIGP is funded through the U.S. Environmental Protection Agency as part of the New York Clean Water State Revolving Fund Program. The GIGP has been a tremendous success and is quickly making New York State the nation's leader in green infrastructure. None of this would be possible without our partners at the federal, state, and local levels of government. Please note, this award pertains only to GIGP funding. If you applied for funding from other programs or other State agencies, you will receive information from those programs/agencies separately.

Your project coordinator, Rebecca Miller, will contact you shortly to assist you with completing the required submittals. Please review the enclosed Project Checklist to guide you through many of the items that will be required. Please note **the deadline for receipt of all required supporting documents to enter into a Grant Agreement with the EFC is June 30, 2017.**

All projects that receive funding through the EFC are required to seek 20 percent participation by Minority and/or Women Owned Business Enterprises for professional service contracts over \$25,000 and construction contracts over \$100,000. In addition, all contracts funded through this grant must contain the required anti-discrimination language provided by EFC. Additional guidance on these requirements is available on our website <https://www.efc.ny.gov/Default.aspx?tabid=445>.

We look forward to working with you in the coming months to get this exciting project under way. Should you have any questions, please contact Rebecca Miller at 518-402-7461.

Sincerely,

A handwritten signature in black ink, appearing to read 'Sabrina M. Ty', with a stylized flourish extending to the right.

Sabrina M. Ty  
President and CEO

Enclosure

c: W. Simcoe

**OFFICE OF THE COMMISSIONER**

New York State Department of Environmental Conservation  
625 Broadway, 14th Floor, Albany, New York 12233-1010  
P: (518) 402-8545 | F: (518) 402-8541  
www.dec.ny.gov

DEC 09 2016

Mr. Joseph Coffey, Jr.  
City of Albany  
10 North Enterprise Drive  
Albany, NY 12207

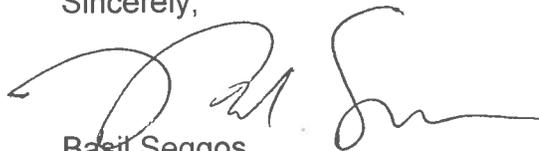
Re: Sewage Pollution Right to Know Grant Application # DEC01-CSOR1-2016-00016

Dear Mr. Coffey, Jr.:

Congratulations! We are pleased to inform you that the City of Albany project has been selected to receive up to \$50,000 through the Sewage Pollution Right to Know (SPRTK) program. The New York State Department of Environmental Conservation (Department) made up to \$500,000 of local assistance funding available to assist communities with the detection, monitoring and reporting of Combined Sewer Overflows (CSOs) to help fulfill the reporting requirements of the Sewage Pollution Right to Know Law.

A contract for your award will be completed in the Grants Gateway system. We will be reaching out to you shortly to provide you with additional information that will assist in getting a contract in place, and look forward to working with you on this important water quality project. On behalf of our partners at the federal, state, and local levels of government, please accept our gratitude for taking the initiative to participate in this program. If you should have any questions, please contact the Department staff at [user.water@dec.ny.gov](mailto:user.water@dec.ny.gov) or call 518-402-8179.

Sincerely,



Basil Seggos  
Commissioner

**RECEIVED**

DEC 12 2016

Department of Water  
And Water Supply  
Albany, N.Y.



Department of  
Environmental  
Conservation

**Albany Water Board**  
**Arcadis Engineering Report**  
**Date: December 15, 2016**

### **Upcoming LTCP Projects\Dates**

- **Performance of a Codes and Local Law Review, & Green Infrastructure Technical Design Guidance** – Technical Design Guidance is due by 8/1/2017.
- **Green Infrastructure Banking System Feasibility Assessment.** Awarded to Arcadis. Work must be completed by 8/1/2017.
- **Marietta Place Stormwater Storage Facility** – Awarded to Barton & Loguidice. Completed plans and specifications due by 10/1/2016.

### **Arcadis Projects**

- **5-Year Capital Improvement Plan**
- **Asset Management Program (Water and Sewer)** – Five workshops have been completed, a draft report will be provided in January. Some components included establishing levels of service, key performance indicators, and consequence of failure.
- **Green Infrastructure Banking System Feasibility Assessment** – A draft of the research report has been completed, including the legal review and the research of other programs.
- **Feura Bush Filtration Plant – (NYSERDA FlexTech Grant)** – Project includes energy evaluation at the Feura Bush filtration plant (blowers, lighting, windows\doors). The project also includes some equipment condition assessment and treatment system evaluation.
- **Other Projects** – Sewer condition assessment, erosion problems, Loudonville Reservoir Basin C wall cap replacement.

ALBANY CITY WATER BOARD  
CAPITAL IMPROVEMENTS  
12/16/2016 Summary

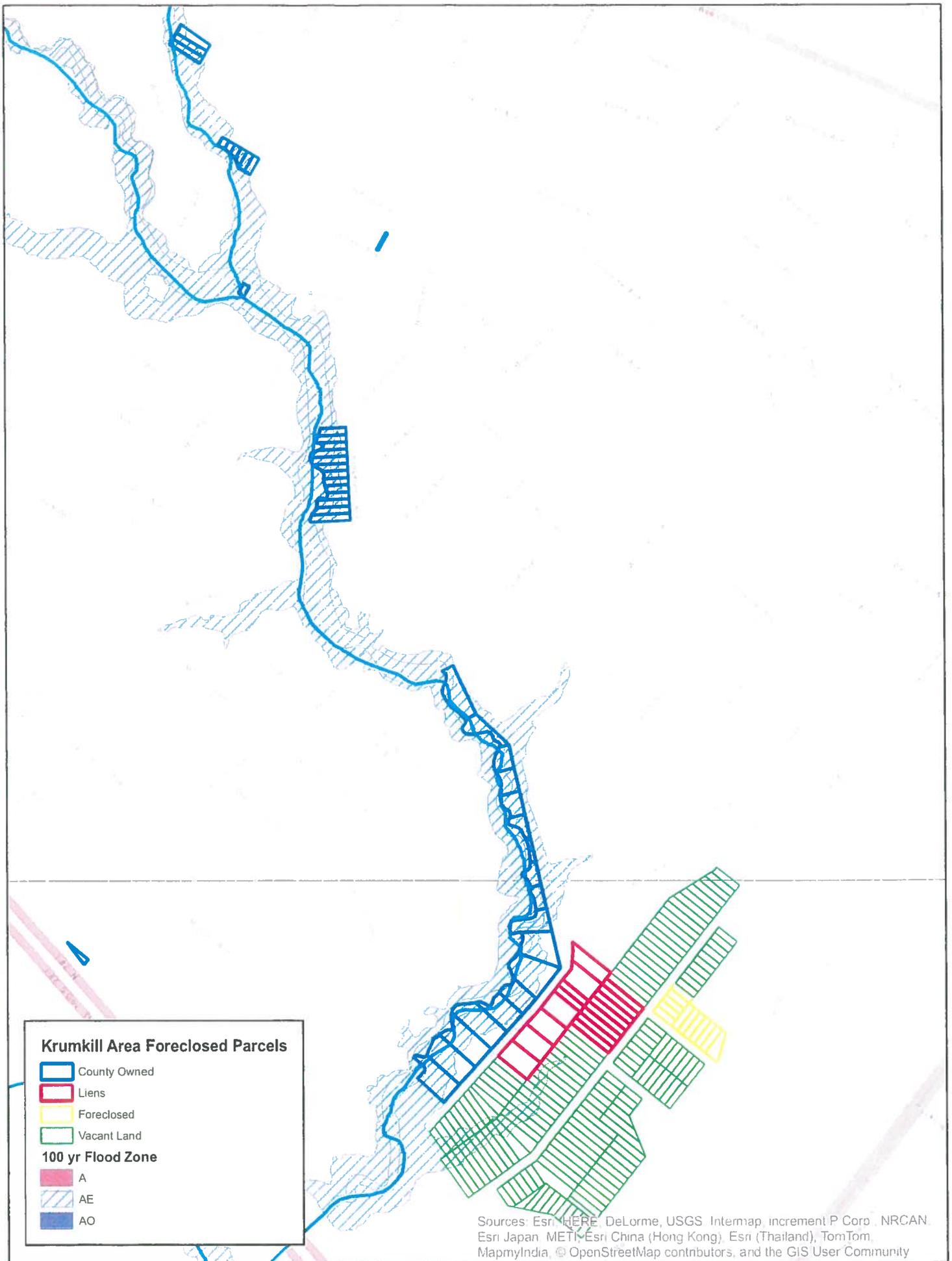
Project	2016 Proposed Budget	Status	Vendor	Asset	Invoice Date	Amount Spent to Date	Description of Project
Supply Reservoir	\$ 325,000	Complete	Arcadis	Loudonville Reservoir	11/17/2016	\$ 4,206	
Supply Conduit	\$ 90,000	Complete	General Controls Schnabel Engineering	Pinebush Pump Station Albany Dams Work Order #2 Albany Dams Work Order #2	4/13/2016 10/15/2016 11/29/2016	\$ 11,750 \$ 9,605 \$ 15,828	
Fuera Bush Filtration Plant	\$ 310,000	Open	Ryan-Biggs	FB Plant	4/4/2016	\$ 37,183	
		Open	Ryan-Biggs	FB Plant	5/17/2016	\$ 10,356	
		Open	Ryan-Biggs	FB Plant	5/26/2016	\$ 11,117	
		Open	Ryan-Biggs	FB Plant	6/24/2016	\$ 2,654	
		Open	Ganem Construction	FB Plant	7/20/2016	\$ 2,706	
		Open	Ryan-Biggs	FB Plant	7/25/2016	\$ 48,649	
		Open	O'Brien & Gere	FB Plant	8/1/2016	\$ 3,671	
		Open	O'Brien & Gere	FB Plant	9/1/2016	\$ 10,527	
		Complete	Gartner	FB Plant Hypo Skid	9/1/2016	\$ 8,326	
		Open	Ryan-Biggs	Settling Ponds	9/16/2016	\$ 11,972	
		Open	Ryan-Biggs	Settling Ponds	9/27/2016	\$ 6,955	
		Open	O'Brien & Gere	FB Plant	10/6/2016	\$ 7,748	
		Open	O'Brien & Gere	FB Plant	10/6/2016	\$ 29,355	
		Open	Arcadis	FB Plant	10/11/2016	\$ 12,248	
		Complete	Scientific Dust Collectors	FB Plant	10/24/2016	\$ 16,180	
		Open	O'Brien & Gere	FB Plant	11/4/2016	\$ 7,114	
Distribution System	\$ 400,000	Open	CHA	Distribution	4/1/2016	\$ 189,417	
		Open	CHA	Distribution	6/16/2016	\$ 11,665	
		Open	Arcadis	Distribution	8/30/2016	\$ 96,890	
		Open	Underground Imaging Tech	Distribution	8/30/2016	\$ 5,525	
		Complete	Fl Miller	S Lake Sinkhole	9/27/2016	\$ 400	
		Open	Arcadis	Distribution	10/11/2016	\$ 22,519	
		Complete	HD Supply	S Lake Sinkhole (PIPE)	10/12/2016	\$ 2,159	
		Complete	HD Supply	S Lake Sinkhole (PIPE)	10/12/2016	\$ 39,368	
		Complete	HD Supply	S Lake Sinkhole (PIPE)	11/3/2016	\$ 16,546	
		Complete	ADS Pipe	S Lake Sinkhole (PIPE)	11/8/2016	\$ 1,436	
		Complete	Fl Miller	S Lake Sinkhole (PIPE)	11/15/2016	\$ 9,933	
		Complete	Latham Water (Water)	S Lake Sinkhole (PIPE)	11/20/2016	\$ 8,600	
		Complete	Gartner	Loudonville Hypo Skid	11/20/2016	\$ 179,344	
Loudonville Reservoir	\$ 365,000	Complete	Gartner	Loudonville Hypo Skid	9/16/2016	\$ 394,385	
Pumping Stations - Water	\$ 130,000					\$ 11,870	
Engineering Fees-Water	\$ 100,000	Open	Arcadis	Engineering Service	3/28/2016	\$ 6,311	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	3/9/2016	\$ 2,729	Engineering Services Water
		Open	Arcadis	Engineering Service	4/28/2016	\$ 11,461	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	5/20/2016	\$ 23,862	Engineering Services Water
		Open	Arcadis	Engineering Service	6/3/2016	\$ 10,991	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	6/27/2016	\$ 7,789	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	8/1/2016	\$ 3,267	Engineering Services Water
		Open	Arcadis	Engineering Service	8/22/2016	\$ 5,040	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	8/30/2016	\$ 4,695	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	9/1/2016	\$ 5,000	Engineering Services Water
		Open	O'Brien & Gere	Engineering Service	9/1/2016	\$ 4,036	Engineering Services Water
		Open	Arcadis	Engineering Service	11/4/2016	\$ 6,912	Engineering Services Water
Erle Blvd Facility	\$ 100,000					\$ 92,283	
Contingency - Water	\$ 75,000					\$ -	
Computers/ Meters	\$ 400,000	Complete	Badger	Software V7 Migration	3/8/2016	\$ 1,500	
		Complete	Accela	Woodville Pumpstations	4/1/2016	\$ 6,703	
		Complete	General Controls	Office	4/30/2016	\$ 16,900	
		Complete	ABS Solutions	Office Computers	5/9/2016	\$ 453	
		Complete	B&H	Printers	5/18/2016	\$ 6,708	
		Complete	B&H	Laptop	6/15/2016	\$ 292	
		Complete	B&H	Laptop	8/12/2016	\$ 1,598	
		Complete	B&H	Laptop	9/16/2016	\$ 772	
		Open	CHA	Upper Washington Ave Corridor	6/24/2016	\$ 34,926	
Sewer Separation	\$ 50,000	Open	Arcadis	Engineering Services	7/12/2016	\$ 4,800	
		Open	CHA	Upper Washington Ave Corridor	8/1/2016	\$ 10,800	
		Open	Arcadis	Engineering Services	8/22/2016	\$ 12,700	

ALBANY CITY WATER BOARD  
CAPITAL IMPROVEMENTS  
12/16/2016 Summary

Project	2016 Proposed Budget	Status	Vendor	Asset	Invoice Date	Amount Spent to Date	Description of Project
		Open	Arcadis	Engineering Services	8/30/2016	\$ 67,803	
		Open	Wm Keller	Madison Ave Sinkhole	9/1/2016	\$ 407,909	
		Open	Kanyon Pipe	S. Lake Liner	9/14/2016	\$ 822,147	
		Open	CHA	Engineering Services Washington Corridor	9/15/2016	\$ 17,500	
		Open	Arcadis	Engineering Service GIS	9/12/2016	\$ 5,700	
		Open	Albany Pool Joint Venture	Engineering Service Big C	10/7/2016	\$ 250,000	
		Open	Arcadis	Engineering Study	10/11/2016	\$ 6,712	
		Open	Arcadis	Engineering Study	11/4/2016	\$ 4,246	
		Open	Green Mtn Service	Beacon Ave	11/5/2016	\$ 21,500	
		Open	Arcadis	Engineering Study	11/18/2016	\$ 34,068	
		Complete	Kanyon Pipeliner	Cured in Place Pipe relining		\$ 1,678,225	Various Streets
	\$ 155,000	Open	CHA	Eberon Place Flood Mitigation Study		\$ 15,873	Eberon Place Flood Mitigation
		Open	Barton and Loguidice	N Swan St GIP		\$ 1,053	N Swan GIP
		Open	Barton and Loguidice	Stormwater Credit and Banking feasibility	5/13/2016	\$ 6,000	
		Open	Arcadis	Eberon Place Flood Mitigation Study	5/18/2016	\$ 12,992	
		Open	CHA	Hanson Ryckman	5/26/2016	\$ 22,170	
		Open	CHA	Eberon Place Flood Mitigation Study	6/17/2016	\$ 112,325	
		Open	CHA	Eberon Place Flood Mitigation Study	6/17/2016	\$ 74,788	
		Open	Barton and Loguidice	N Swan St GIP	6/10/2016	\$ 13,260	
		Open	Arcadis	Stormwater credit and Banking feasibility	6/10/2016	\$ 5,962	
		Open	Barton and Loguidice	N Swan St GIP	7/12/2016	\$ 7,740	
		Open	Arcadis	Stormwater Credit and Banking feasibility	7/25/2016	\$ 4,834	
		Open	CHA	Hanson Ryckman	8/1/2016	\$ 39,663	
		Open	Barton and Loguidice	Eberon Place Flood Mitigation Study	8/1/2016	\$ 22,162	
		Open	Arcadis	Engineering Services Sewer	8/22/2016	\$ 2,400	
		Open	CHA	Hanson Ryckman	9/14/2016	\$ 2,263	
		Open	CHA	Eberon Place Flood Mitigation Study	9/27/2016	\$ 39,875	
		Open	CHA	Eberon Place Flood Mitigation Study	10/11/2016	\$ 13,125	
		Open	Arcadis	Engineering Services Sewer	10/11/2016	\$ 9,567	
		Complete	General Controls	Pumping Stations SCADA	11/29/2016	\$ 15,778	
	\$ 225,000	Open	General Controls	Pumping Stations SCADA	7/11/2016	\$ 40,179	
		Open	General Controls	Pumping Stations SCADA	11/9/2016	\$ 29,450	
		Open	Barton and Loguidice	Engineering Services Sewer Plant Line feed	5/18/2016	\$ 7,965	Engineering Services Sewer 14-04
	\$ 100,000	Complete	Barton and Loguidice	N Swan St GIP Monitoring	8/22/2016	\$ 1,980	
		Complete	CHA	Engineering Services Sewer	9/1/2016	\$ 1,239	
		Complete	CHA	Hanson Ryckman	9/14/2016	\$ 15,385	
		Complete	Arcadis	Engineering Services Sewer Lime Feed System	10/11/2016	\$ 885	
		Complete	Barton and Loguidice	Engineering Services Sewer Lime Feed System	10/11/2016	\$ 2,756	
		Complete	CHA	Hanson Ryckman	10/12/2016	\$ 1,182	
		Complete	National Direct	MIC7 Micro Image Machine	10/19/2016	\$ 4,953	
		Complete	CHA	Preliminary Engineering Report	10/20/2016	\$ 20,000	
		Complete	Arcadis	Engineering Services Sewer	8/1/2016	\$ 5,713	
	\$ 100,000	Complete	Aug Bohl	Quail St Retention	8/22/2016	\$ 13,323	
		Open	Arcadis	Engineering Services Sewer	8/30/2016	\$ 23,063	
		Complete	Arcadis	Engineering Services Sewer-Asset Management	8/30/2016	\$ 7,611	
		Complete	Atold Construction	Main Drain Valve	Not yet invoiced		
		Complete	JAT Construction	Replace Sanitary Sewer Force Main New Scotland Ave	Not yet invoiced		
		Open	CHA	Engineering Services Sewer	Not yet invoiced		
		Open	CHA	Engineering Services Sewer	4/1/2016	\$ 49,710	
	\$ 75,000	Open	CHA	Engineering Services Sewer	8/1/2016	\$ 3,739	
		Open	CHA	Engineering Services Sewer		\$ 3,551	
						\$ 7,290	

Invoiced \$ 3,453,755 Total Invoices 2016 Capital Improvements

2016 Budgeted Capital Improvements \$ 3,000,000  
Rolled from 2015 Projects \$ 786,071





City of Albany, NY  
Department of Water & Water Supply

CHANGE ORDER

CHANGE ORDER NO.: 01  
DATE OF ISSUE: December 2, 2016  
CONTRACT NO.: 8788 CONTRACT DATE: 3/20/2015  
PROJECT NAME: Quail Street Green Infrastructure Project  
CONTRACTOR'S NAME: August Bohl Contracting, Inc  
CONTRACTOR ADDRESS: 197 Broad St, Albany, NY 12202  
CONTRACTOR PHONE: (518) 463-6696

CHANGE IN CONTRACT AMOUNT

		% Change
Original Contract Amount	\$ 2,595,000.00	
Contract Amount after previous Change Order	\$ 2,595,000.00	
Change due to this Change Order	\$ -43,193.00	-1.66%
New Contract Amount including this Change Order	\$ 2,551,807.00	

(Attach Contractor's detailed cost proposal)

CHANGE IN CONTRACT TIME

Original Contract Time	N/A
Contract Time after previous Change Order	N/A
Change due to this Change Order	N/A
New Contract Time including this Change Order	N/A

APPROVALS

Commissioner: Joseph E. Coffey, Jr.  
Joseph E. Coffey, Jr., P.E.

Date: 12/8/16

CONTRACTOR: Donald S. Quay

Date: 12/3/16

ALBANY WATER BOARD: \_\_\_\_\_

Date: \_\_\_\_\_

(Attach Board Resolution)

## CHANGE ORDER

CHANGE ORDER NO: **01**

CONTRACT NO: **8788**

PROJECT NAME: **Quail Street Green Infrastructure Project**

### DESCRIPTION OF CHANGE

Narrative description:

**Close out of allowance items**

Drawing reference(s):

Specification reference(s):

### REASON FOR CHANGE

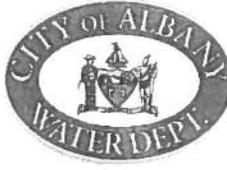
Necessity for change:

**Contract amount included \$150,000.00 in Allowance Item to be used for unforeseen existing conditions. Of that Allowance, \$106,807.00 was approved.**

Why was it not foreseen during the design:

Other alternatives:

Cost-effectiveness of this alternative:



City of Albany, NY  
Department of Water & Water Supply

CHANGE ORDER

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(Attach Contractor's detailed cost proposal)

CHANGE IN CONTRACT TIME

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APPROVALS

Commissioner: Joseph E. Coffey, Jr.  
Joseph E. Coffey, Jr., P.E.

Date: 12/8/16

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Date: 12/3/16

ALBANY WATER BOARD: \_\_\_\_\_

Date: \_\_\_\_\_

(Attach Board Resolution)

## CHANGE ORDER

CHANGE ORDER NO: **01**

CONTRACT NO: **8788**

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### DESCRIPTION OF CHANGE

Narrative description:

**Close out of allowance items**

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Other alternatives:

Cost-effectiveness of this alternative: