

**ALBANY WATER BOARD**  
**MINUTES OF REGULAR MEETING**  
February 17, 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, February 17, 2017.

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

**STAFF PRESENT:** William Simcoe, P.E., Deputy Commissioner; Elizabeth Romand, Confidential Assistant, AWB; Christopher Quirk, CFO;

**BOARD ADVISORS PRESENT:** Trey Kingston, Assistant Corporation Counsel; Kevin Hogan, ARCADIS; William Kahn, UHY Advisors;

**Approval of December 16, 2016 Meeting Minutes**

Chairman William Clay introduced the minutes of the January 27, 2017 meeting. With no objection, the reading was dispensed and 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.

**New Water Board Member Appointment**

The Board welcomes Anthony Owens as the newest appointed member. Mr. Owens fills the seat vacated as a result of the retirement of David McGuire.

**Public Comment Period**

No public comment.

**Water Bill Review Committee**

There were no water billing appeals for review this period.

**Committee & Staff Reports**

**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 one month and year to date period ending January 31, 2017. The detailed report is attached.

**Key Performance Indicators and Critical Numbers Dashboard:** Deputy Commissioner William Simcoe presented information on upcoming SEQR, SHPO funding applications for the Upper Washington

Avenue Sewer Project; The Upper Washington Avenue Water Project; The Feura Bush Water Filtration Project. Detailed information on each is attached. Deputy Commissioner Simcoe also advised that closing dates for financing of the Long Term Control Plan and the Ryckman, Hansen, and Elberon project have been scheduled for mid- March, 2017.

Consultant Engineer's Report: Kevin Hogan P.E. 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

Working Woodlands and Carbon Development/ Marketing Agreement: This topic was deferred until a future Board Meeting, when the draft contract can be discussed in greater detail, after review by outside legal counsel from Whiteman Osterman and Hanna.

### New Business/ Resolutions

Resolution 17-11: Classifying the Feura Bush Water Filtration Plant proposed project elements consistent with SEQR Type II Regulatory Exemptions was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 17-12: Classifying the Upper Washington Avenue Corridor, proposed project elements consistent with SEQR Type II Regulatory Exemptions was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

Resolution 17-13: Amending the Agreement dated February 12, 2015 between the Albany Water Board and O'Brien & Gere Engineers, Inc., to incorporate the terms of the NYS Revolving Fund Program Bid Packet Requirements- MWBE Combined Goals was offered by Mr. Houghton and seconded by Mr. Ranellone. Resolution passed unanimously.

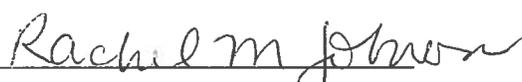
### Executive Session

No Executive Session took place.

Chairman William Clay informed all those in attendance that the next Meeting of the AWB will be **Friday, March 24, 2017** at 9:30 AM in the AWB Conference Room.

Being no further business, 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 10:20 AM.

Recorded by: Elizabeth Romand

Approved by:   
Rachel Johnson, 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 JANUARY 31, 2017**

DATE: February 17, 2017

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

***Water/Sewer Revenue*** Annual Budget - \$39,200,000; Annual Budget Net of Rollover

Actual revenue collections for the month of January 2017 were \$2,816,864 an amount 15% lower than net monthly budget of \$3,313,299. This amount is \$339,096 lower than January 31, 2016.

***Investment Income*** Annual Budget - \$400,000 PAGE 2

As of January 31, 2017 year-to-date investment income was \$15,528 compared to investment income of \$5,651 as of January 31, 2016.

***Operating Expenses*** Annual Budget - \$31,317,746 PAGE 3

Year-to-date operating expenses (excluding capital and debt service expenses) are approximately \$1,356,329 which is \$18,317 or 1.3% lower than 2016, and \$385,774 or 22.1% under adjusted budgeted amounts as of January 31, 2017.

The personnel services category is 18% under budget. Overtime expense is 8% over budget.

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

Approximately \$0 in capital project costs was expended through January 31, 2017.

***Cash Flow after Cap Ex and Deb Service-*** \$971,842 thru January 31, 2017

***Due from the City Of Albany-*** \$4,147,189 at January 31, 2017

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**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER FINANCE AUTHORITY**  
**STATEMENTS OF CASH FLOWS**  
*January 31, 2017*

	One Month Period Ended		Year-To-Date Periods Ended		Percent Variance	Variance	Percent Variance
	2017	2016	2017	2016			
<b>Revenues</b>							
Water/sewer revenue	\$ 2,816,864	\$ 3,155,960	\$ 2,816,864	\$ 3,155,960	-10.7%	\$ (339,096)	-10.7%
Investment income	15,528	5,651	15,528	5,651	174.8%	9,877	174.8%
Total revenues	2,832,392	3,161,611	2,832,392	3,161,611	-10.4%	(329,219)	-10.4%
<b>Operating expenses</b>							
Operation/maintenance costs	1,356,329	1,374,646	1,356,329	1,374,646	-1.3%	(18,317)	-1.3%
Board/Authority expenses	6,371	5,153	6,371	5,153	23.6%	1,218	23.6%
Total expenses	1,362,700	1,379,799	1,362,700	1,379,799	-1.2%	(17,099)	-1.2%
<b>Net operating cash flows before debt service and capital project costs</b>	1,469,692	1,781,812	1,469,692	1,781,812	-17.5%	(312,120)	-17.5%
<b>Debt service costs</b>	(497,850)	(561,580)	(497,850)	(561,580)	-11.3%	63,730	-11.3%
<b>Capital project costs</b>	-	-	-	-	0.0%	-	0.0%
<b>Grant Income</b>							
<b>Net cash flow (deficiency)</b>	\$ 971,842	\$ 1,220,232	\$ 971,842	\$ 1,220,232	-20.4%	\$ (248,390)	-20.4%

**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER FINANCE AUTHORITY**  
**SCHEDULE OF REVENUES**  
**January 31, 2017**

	2017		2017		2016		2016	
	Budget	Actual	Favorable (Unfavorable)	Variance %	Budget	Actual	Favorable (Unfavorable)	Variance %
<b>Water and sewer revenue</b>								
January	\$ 3,313,299	\$ 2,816,864	\$ (496,435)	-15%	\$ 3,014,405	\$ 3,155,960	\$ 141,555	5%
Year-to-Date	\$ 3,313,299	\$ 2,816,864	\$ (496,435)	-15%	\$ 3,014,405	\$ 3,155,960	\$ 141,555	5%
<b>Investment income</b>								
January	\$ 33,333	\$ 15,528	\$ (17,805)	-53%	\$ 16,667	\$ 5,651	\$ (11,016)	-66%
Year-to-Date	\$ 33,333	\$ 15,528	\$ (17,805)	-53%	\$ 16,667	\$ 5,651	\$ (11,016)	-66%
<b>Additional Cash Receipts</b>								
<b>Meter Recovery Fees</b>								
January	\$ -	-	-	-	-	-	-	-
Year-to-Date	\$ -	\$ -	-	-	-	-	-	-
<b>Sales of Scrap</b>								
January	\$ -	\$ 262	262	-	-	-	-	-
Year-to-Date	\$ -	\$ 262	262	-	-	-	-	-
<b>Insurance Recoveries</b>								
January	\$ -	\$ -	-	-	-	-	-	-
Year-to-Date	\$ -	\$ -	-	-	-	-	-	-
<b>Miscellaneous Income</b>								
January	\$ -	\$ 3,750	3,750	-	-	-	-	-
Year-to-Date	\$ -	\$ 3,750	3,750	-	-	-	-	-

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**  
**January 31, 2017**

	YEAR-TO-DATE JANUARY 2017				2016 YTD ACTUAL
	2017 ANNUAL ADJUSTED BUDGET	ADJUSTED BUDGET	ACTUAL	(OVER)/ UNDER	
<b>Administration</b>					
Personnel services	1,390,223	106,940	96,958	\$ 9,982	85,723
Equipment	11,000	-	-	0	-
Contractual and other expenses	212,462	481	-	481	1,623
Benefits	479,122	39,927	28,489	11,438	26,445
	<b>2,092,807</b>	<b>147,348</b>	<b>125,447</b>	<b>21,901</b>	<b>113,791</b>
<b>Supply, Power and Pumping</b>					
Personnel services	942,035	72,464	53,652	18,812	57,966
Equipment	36,000	-	-	0	-
Contractual and other expenses	135,844	1,573	25	1,548	100
Benefits	199,600	16,633	31,578	(14,945)	25,057
	<b>1,313,479</b>	<b>90,671</b>	<b>85,255</b>	<b>5,416</b>	<b>83,123</b>
<b>Purification</b>					
Personnel services	1,347,227	103,633	73,457	30,176	101,516
Equipment	207,000	-	-	0	-
Contractual and other expenses	1,357,466	9,046	-	9,046	72
Benefits	443,073	36,923	38,189	(1,266)	31,093
	<b>3,354,766</b>	<b>149,601</b>	<b>111,646</b>	<b>37,955</b>	<b>132,681</b>
<b>Transmission/Distribution</b>					
Personnel services	2,727,920	209,840	184,199	25,641	235,078
Equipment	795,000	-	-	0	-
Contractual and other expenses	2,302,939	34,742	42	34,700	6,856
Benefits	941,946	78,496	107,477	(28,982)	87,432
	<b>6,767,805</b>	<b>323,077</b>	<b>291,718</b>	<b>31,359</b>	<b>329,366</b>
<b>Sewer Services</b>					
Personnel services	907,425	69,802	54,414	15,388	58,514
Equipment	257,000	-	-	0	-
Contractual and other expenses	1,882,312	11,231	-	11,231	1,714
Benefits	202,518	16,877	28,088	(11,212)	22,454
	<b>3,249,255</b>	<b>97,909</b>	<b>82,502</b>	<b>15,407</b>	<b>82,682</b>
<b>Pumping Stations</b>					
Personnel services	150,790	11,599	11,072	527	6,430
Equipment	30,000	-	-	-	-
Contractual and other expenses	417,765	1,311	-	1,311	617
Benefits	72,035	6,003	5,378	625	2,561
	<b>670,590</b>	<b>18,913</b>	<b>16,450</b>	<b>2,463</b>	<b>9,608</b>
<b>Taxes Paid to Municipalities</b>	<b>2,196,853</b>	<b>624,000</b>	<b>565,784</b>	<b>58,216</b>	<b>558,282</b>
<b>County Sewer Contract</b>	<b>6,578,505</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Contingencies, Insurance and Other</b>	<b>5,093,686</b>	<b>290,584</b>	<b>77,527</b>	<b>213,057</b>	<b>65,113</b>
<b>TOTALS</b>	<b>\$ 31,317,746</b>	<b>\$ 1,742,103</b>	<b>\$ 1,356,329</b>	<b>\$ 385,774</b>	<b>\$ 1,374,646</b>

EXPENSE SUMMARY:	2017	2016	Change
Personal Services	473,752	545,227	(71,475)
Equipment	-	-	-
Contractual and other expenses	67	10,982	(10,915)
Benefits	239,199	195,042	44,157
Other	643,311	623,395	19,916
	<b>1,356,329</b>	<b>1,374,646</b>	<b>(18,317)</b>
Percent Increase/Decrease over 2016	-1.3%		
Percent under Budget	-22.14%		
Personal Services under Budget	-18%		

**ALBANY WATER BOARD**  
**ALBANY MUNICIPAL WATER AUTHORITY**  
**SCHEDULE OF CAPITAL PROJECT COSTS**  
*January 31, 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		7,464,053
2017		-
	<b>\$</b>	<b>56,457,320</b>

**Comparative Expenditures**

[----- 2016 -----]		2017	
January	\$ -	January	\$ -
February		February	
March	423,060	March	-
April	72,924	April	-
May	94,213	May	-
June	329,510	June	-
July	115,872	July	
August	253,453	August	
September	1,383,307	September	
October	427,592	October	
November	353,823	November	
December	4,010,299	December	
	<b>\$ 7,464,053</b>		<b>\$ -</b>

	Budget 1/31/2017 YTD	Actual 1/31/2017 YTD	Budget Difference (over)/under	Actual 1/31/2016 YTD	Actual Difference (over)/under
<b>OVERTIME</b>					
<i>Supply, Power and Pumping</i>	\$ 7,308	\$ 8,180	\$ (872)	\$ 8,838	\$ 658
<i>Purification</i>	\$ 10,385	\$ 9,276	\$ 1,109	\$ 15,750	\$ 6,474
<i>Transmission/Distribution</i>	\$ 23,077	\$ 26,673	\$ (3,596)	\$ 31,812	\$ 5,139
<i>Sewer Services</i>	\$ 3,077	\$ 3,869	\$ (792)	\$ 5,355	\$ 1,486
<i>Pumping Stations</i>	\$ 769	\$ 188	\$ 581	\$ 26	\$ (162)
<b>TOTAL</b>	\$ 44,615	\$ 48,186	\$ (3,571)	\$ 61,781	\$ 13,595
<b>Percentage</b>			<b>-8.00%</b>		<b>22.0%</b>
<b>DUE FROM THE CITY OF ALBANY</b>					
		<b>1/31/2017</b>			
	\$	<u>4,147,189</u>			



## Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO  
Governor

ROSE HARVEY  
Commissioner

February 14, 2017

Mr. Scott Mosher  
Scientist  
O'Brien & Gere Engineers  
333 W. Washington St.  
Syracuse, NY 13221

Re: NYSEFC  
Feura Bush Water Filtration Plant Upgrades  
501 Old Quarry Rd, Selkirk, Bethlehem, Albany County, NY 12158  
17PR00950  
DWSRF # 18378

Dear Mr. Mosher:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Michael F. Lynch, P.E., AIA  
Director, Division for Historic Preservation

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Division for Historic Preservation

P O Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [www.nysparks.com](http://www.nysparks.com)

**PROJECT SPONSOR:** ALBANY WATER BOARD

**PROJECT NAME:** FEURA BUSH WATER FILTRATION PLANT UPGRADES

## PROJECT BACKGROUND & PURPOSE

The Albany Water Board proposes improvements to the Feura Bush Water Filtration Plant (WFP), located at 501 Old Quarry Rd, Selkirk, NY. The WFP provides for the treatment of the City of Albany's drinking water. The WFP last underwent a major renovation in the 1990s and has become outdated; repairs and renovations are needed. In response, the Albany Water Board is proposing to renovate the existing WFP and is seeking funding from the NYS Drinking Water State Revolving Fund (DWSRF) Program. In order to be eligible for funding, the Albany Water Board must obtain approval from the NYS Environmental Facilities Corporation (EFC) and the NYS Department of Health (DOH), by complying with the State Environmental Quality Review Act (SEQRA) and State Historic Preservation Act (SHPA). The project elements are detailed below, as well as a discussion on any findings regarding cultural or archaeological resources within the project area.

## PROJECT DESCRIPTION

### *Interior Improvements*

- Interior improvements to the employee and public space areas, including the lab and office areas. Modifications included upgrades to the electrical, plumbing and HVAC systems, as required to coordinate with the revised general arrangement of the spaces.
- Replacement of the existing steam heating system with a new hot water (hydronic) heating system.
- Replace the existing chlorine gas (ton container) feed system with a liquid sodium hypochlorite system. The sodium hypochlorite bulk storage tank and transfer pumps will be located in the current chlorine feed room.

### *Exterior Improvements*

- The plant owns an existing 8,000-gallon vaulted exterior fuel storage tank that is showing signs of age, including rust on the exterior. Based on historic consumption with the existing equipment and estimated future fuel consumption with the new boilers (currently under design), it is recommended that a new 8,000-gallon tank be provided. The International Fire Code requires that the tank be located at least 25 feet from the building (IFC-5704.4.2 and -5704.4.2.4). The existing fuel storage tank location is less than 25 feet from the building, therefore an alternate location for the new tank is required. Attachment 1 includes plans, which illustrate the new vaulted aboveground storage tank (AST) location on the existing site, as well as photographs of the locations of the existing and proposed tanks, and specifications of the proposed 8,000-gallon fuel tank.

## MAPS LOCATING PROJECT

A map illustrating the location of the existing WFP site is provided as Figure 1.

## PHOTOGRAPHS

Photographs illustrating existing conditions on the WFP site are provided as Attachment 2.

## FINDINGS

Based on our review of the project area using the Cultural Resource Information System (CRIS) web tool, the proposed project area is not considered to be "Archaeologically Sensitive", and is not located adjacent to any listed cultural or archaeological resources. Minimal disturbances to the soil profile are expected because the new tank will be located aboveground. Soil will be excavated to a depth of approximately 2 feet to allow for the building of the slab-on-grade tank foundation, which will cover approximately a 250 square foot area. All other improvements will occur within the existing building.

It is our opinion that the project will have no effect on cultural, archaeological or historic resources. We request your concurrence. If you have any questions, please contact Scott Mosher at (315) 956-6456.

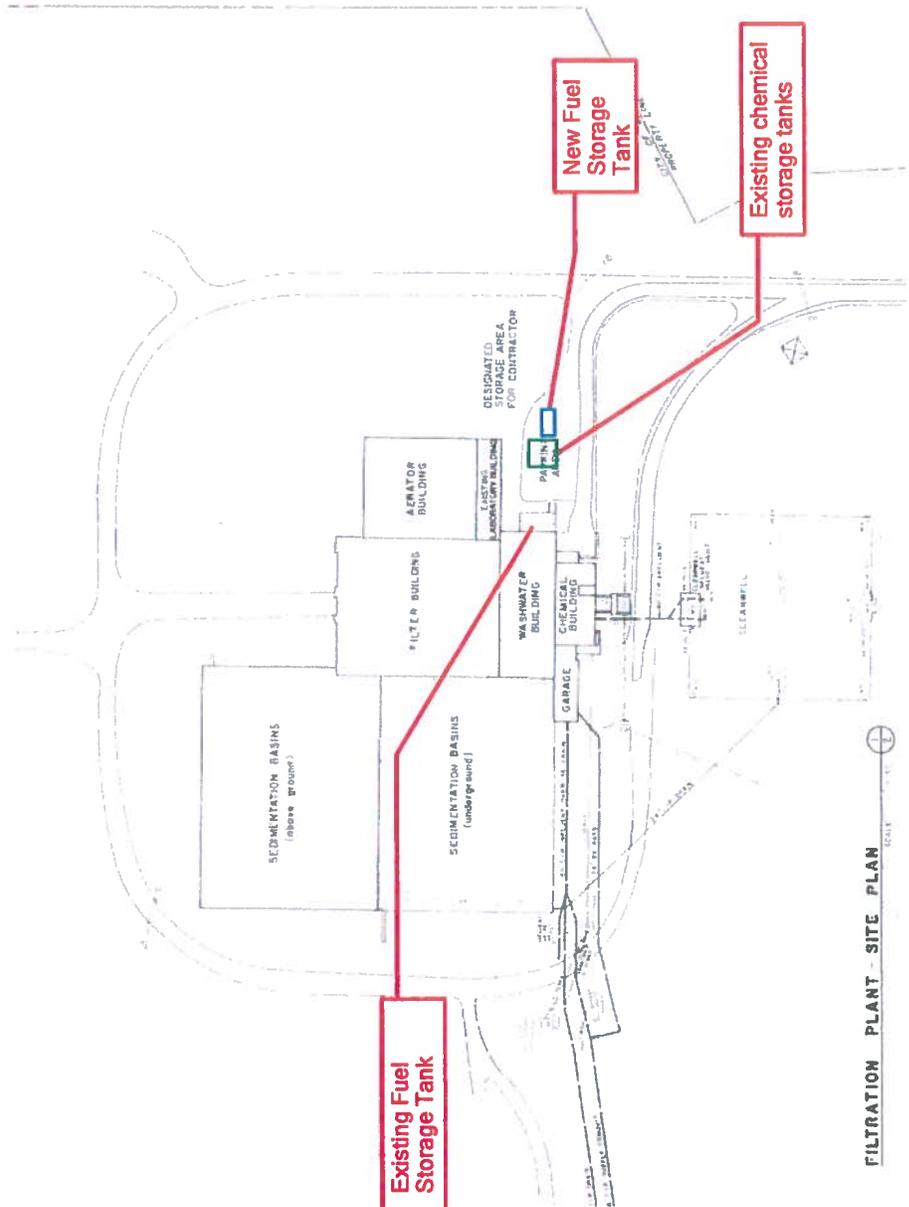
Attachments:

Figure 1 – Location Map

Attachment 1 – Existing and Proposed AST information

Attachment 2 - Photolog



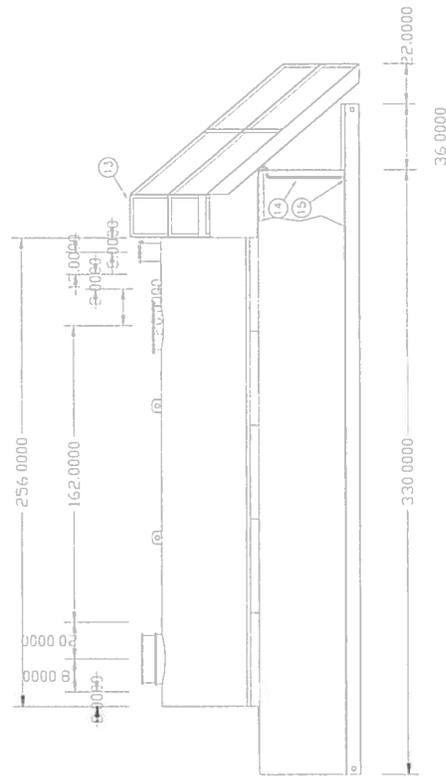
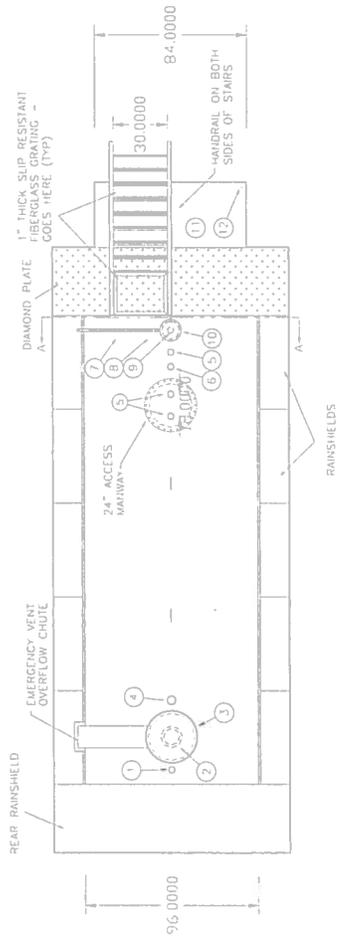


FILTRATION PLANT - SITE PLAN

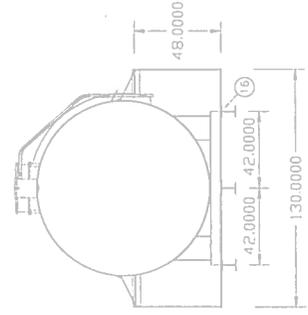


SCALE

ITEM	DESCRIPTION
1	3" NORMAL VENT FITTING
2	8"-8 OZ EMERGENCY VENT - SHIPPED LOOSE
3	VENT DEFLECTOR ASSEMBLY - SHIPPED LOOSE
4	4" FITTING
5	3" FITTING
6	3" FCPLG
7	1" OVERFLOW PIPE - SHIPPED LOOSE
8	1" PIPE UNION
9	4" FILL FITTING
10	FILL CONTAINMENT CHAMBER
11	DRIP PAN PLATFORM WITH 2" LIP
12	1/2" DRAIN FITTING
13	STAIRS, PLATFORM AND HANDRAIL-SHIPPED LOOSE
14	3/4" PUNPOUT PIPE
15	3" PIPE CAP SUMP
16	8" WF (3)



SECTION A-A



AUTHORIZATION

COMPANY NAME \_\_\_\_\_

APPROVED BY (PLEASE PRINT) \_\_\_\_\_

APPROVAL SIGNATURE \_\_\_\_\_

DATE \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_

- NOTES
1. PRIMARY TANK SHELL - 1/4" HEAD - 5/16" CONTAINMENT - 1/4"
  2. MATERIAL - MILD CARBON STEEL
  3. TEST AT 5-7 PSIG.
  4. ENTIRE UNIT UL LISTED
  5. EXTERIOR FINISH -
  6. INTERIOR LINING -
  7. ALL DIMENSIONS APPROXIMATE.

AREO-Power

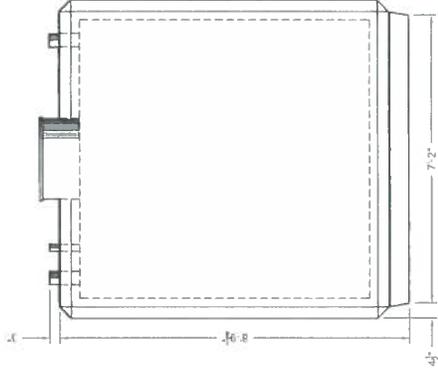
AREO-Power United Paper, Inc.

U.S. PATENT # 4895272 CANADIAN PATENT APPLIED FOR

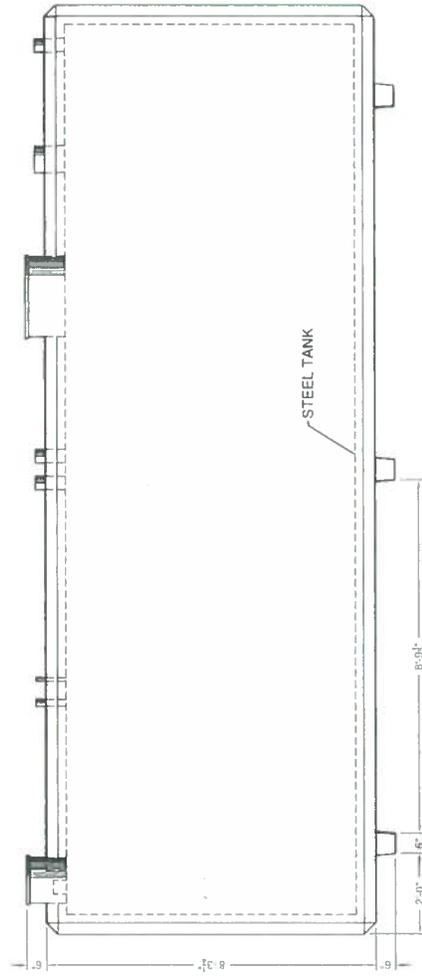
DATE: 8/1/92 DRAWN BY: JF DWG NO: APB670

**NOTES:**

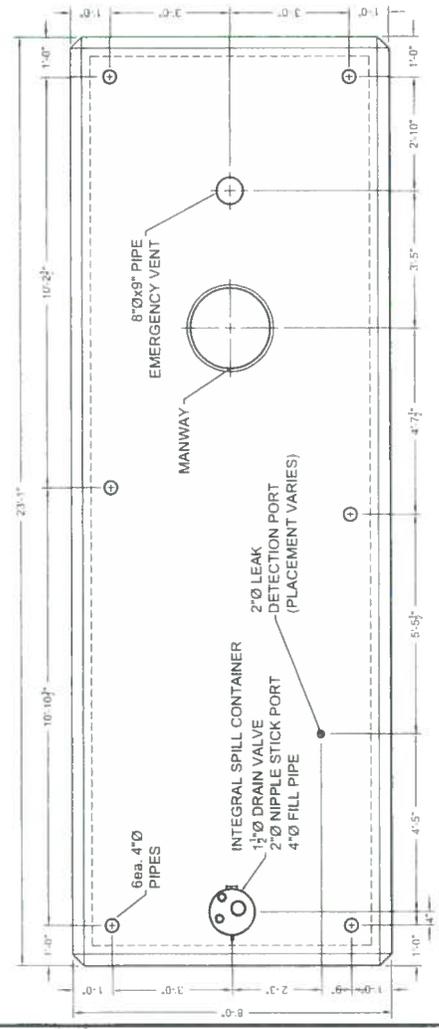
1. STEEL TANK SHALL BE U.L. 142 LISTED FOR ABOVE GROUND STORAGE OF FLAMMABLE LIQUIDS.
2. STEEL TANK SKIN SHALL BE 3/16" THICK A.S.T.M. A-36 STEEL PLATE.
3. ALL EXPOSED METAL WITH THE EXCEPTION OF STAINLESS STEEL MUST BE PAINTER COATED TO INHIBIT CORROSION.
4. STEEL TANKS SHALL BE RECTANGULAR IN SHAPE AND HAVE CONTINUOUS WELDS ON THE OUTSIDE.
5. STEEL TANK AND SECONDARY CONTAINMENT SHALL BE ENCASED IN SIX INCHES OF 4000 P.S.I. REINFORCED CONCRETE.
6. STEEL TANK SHALL BE PRESSURE TESTED AT 5 P.S.I.G. FOR 24 HOURS WITHOUT PRESSURE DROP.
7. TANK WALL SYSTEM SHALL BE LISTED IN ACCORDANCE WITH U.L. STANDARD 2085 AND SHOWN TO HAVE A TWO HOUR FIRE RATING.
8. VAULTS SHALL HAVE THE CAPABILITY OF PHYSICAL MONITORING BETWEEN THE PRIMARY AND THE SECONDARY CONTAINMENT.
9. THE SECONDARY CONTAINMENT SHALL CONSIST OF A 30 MI. HIGH DENSITY POLYETHYLENE GEO LINER.
10. THE VAULT SHALL BE OF A MONOLITHIC (SEAMLESS AND CONTINUOUS) CONCRETE POUR AND CONTAIN NO COLD JOINTS OR HEAT SINKS (HEAT TRANSFER POINTS) ON THE BOTTOM OR SIDES.
11. VAULT SHALL HAVE COATED CONCRETE EXTERIOR TO RESIST WEATHER AND REFLECT SUNLIGHT.



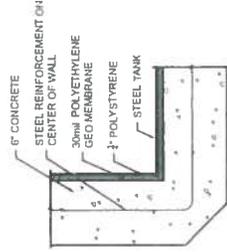
**TYPICAL END VIEW**



**TYPICAL SIDE VIEW**



**TYPICAL PLAN VIEW**



**WALL DETAIL**



2085 Listed  
"Protected" Type

**Oldcastle Precast**  
1-888-865-3227

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**CONVAULT STORAGE TANK**  
6000 GALLON

DATE	ISSUED	REVISIONS	DESIGNED	PERFORMED	CHECKED	DATE
10/27/13						

Scale: Drawings  
REVISE  
DATE  
BY



### ATTACHMENT 2 – PHOTOGRAPHIC LOG

**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** 501 Old Quarry Rd,  
Selkirk, NY

**PROJECT NO.**

DWSRF# 18378

**PHOTO NO. DATE:**

001 N/A

**DESCRIPTION**

Location of the existing 8,000-gallon Vaulted Fuel Tank and proposed 8,000-gallon Aboveground Fuel Tank (Aerial)



**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** 501 Old Quarry Rd,  
Selkirk, NY

**PROJECT NO.**

DWSRF# 18378

**PHOTO NO. DATE:**

002 06/28/16

**DESCRIPTION**

Existing Fuel Tank Vault  
Top Surface

Source: OBG



**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** 501 Old Quarry Rd,  
Selkirk, NY

**PROJECT NO.**

DWSRF# 18378

**PHOTO NO.**    **DATE:**

003            06/28/16

**DESCRIPTION**

Existing 8,000-gallon Fuel Tank

Source: OBG



**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** 501 Old Quarry Rd,  
Selkirk, NY

**PROJECT NO.**

DWSRF# 18378

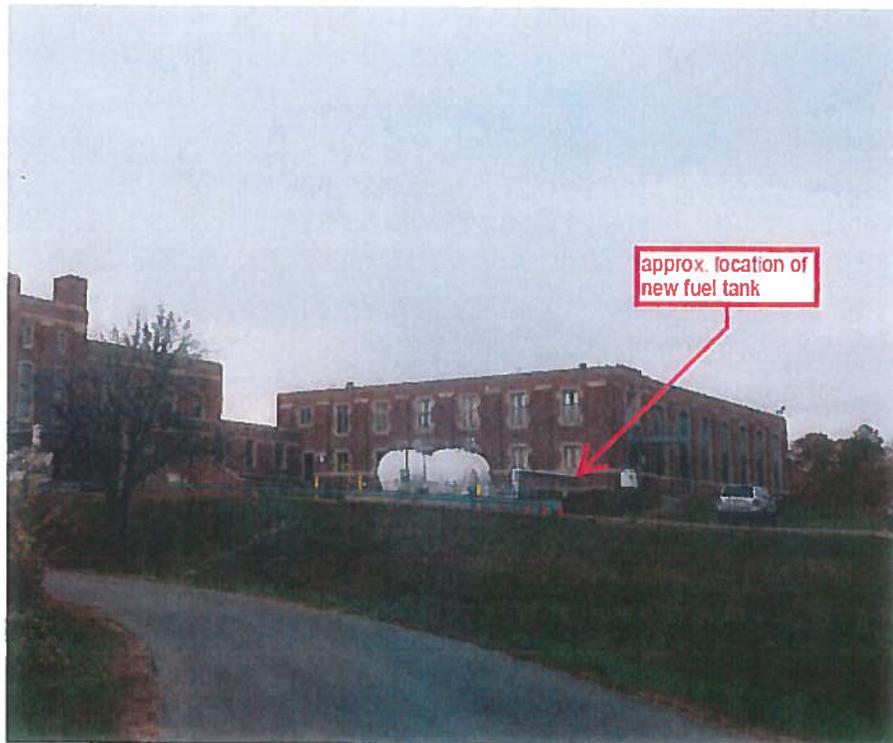
**PHOTO NO.**    **DATE:**

004            06/28/16

**DESCRIPTION**

Proposed location of new  
8,000-gallon Aboveground  
Fuel Tank

Source: OBG







# Parks, Recreation, and Historic Preservation

ANDREW M. CUOMO  
Governor

ROSE HARVEY  
Commissioner

February 10, 2017

Mr. Scott Mosher  
Scientist  
O'Brien & Gere Engineers  
333 West Washington St.  
Syracuse, NY 13221

Re: NYSEFC  
Upper Washington Avenue Corridor Improvements  
17PR00936  
DWSRF #18377

Dear Mr. Mosher:

Thank you for requesting the comments of the State Historic Preservation Office (SHPO). We have reviewed the project in accordance with Section 106 of the National Historic Preservation Act of 1966. These comments are those of the SHPO and relate only to Historic/Cultural resources. They do not include potential environmental impacts to New York State Parkland that may be involved in or near your project. Such impacts must be considered as part of the environmental review of the project pursuant to the National Environmental Policy Act and/or the State Environmental Quality Review Act (New York Environmental Conservation Law Article 8).

Based upon this review, the New York SHPO has determined that no historic properties will be affected by this undertaking.

If further correspondence is required regarding this project, please be sure to refer to the OPRHP Project Review (PR) number noted above.

Sincerely,

Michael F. Lynch, P.E., AIA  
Director, Division for Historic Preservation

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Division for Historic Preservation

P.O. Box 189, Waterford, New York 12188-0189 • (518) 237-8643 • [www.nysparks.com](http://www.nysparks.com)

**PROJECT SPONSOR:** ALBANY WATER BOARD

**PROJECT NAME:** WASHINGTON AVENUE CORRIDOR IMPROVEMENTS

## PROJECT BACKGROUND & PURPOSE

The City of Albany's Upper Washington Avenue Corridor consists of the area located along Washington Avenue between NYS Route 85 and Fuller Rd. This portion of the water distribution system is responsible for serving SUNY-Albany, the NYS-OGS Harriman Campus, several office buildings, and the Pine Bush Pumping Station. The Upper Washington Avenue Corridor has historically had low water pressures, and the area has experienced significant growth in recent years contributing to increased demands and further reduced water pressures. In response, the Albany Water Board is proposing to replace the existing Harriman Campus Water Tank, and install a new booster pump, and is seeking funding from the NYS Drinking Water State Revolving Fund (DWSRF) Program. In order to be eligible for funding, the Albany Water Board must obtain approval from the NYS Environmental Facilities Corporation (EFC) and the NYS Department of Health (DOH), by complying with the State Environmental Quality Review Act (SEQRA) and State Historic Preservation Act (SHPA). The project elements are detailed below, as well as a discussion on any findings regarding cultural or archeological resources within the project area.

## PROJECT DESCRIPTION

- Replacement of the Harriman Campus tank with a new 1.1 MG tank (approximately 120 ft height by 45 ft width). The new tank will replace and be located in the same footprint as one of the existing Harriman Campus tanks, but will occupy additional height of approximately 100 feet.
- Installation of the Colvin Booster Pump Station, The Pump station will be located in a prefabricated building or vault and will include three pumps, a by-pass valve, flow meter and emergency generator located at grade. The pump station will tie into the distribution near the intersection of Colvin Avenue and Roseland St. Two pipelines (pump suction and pump discharge) will be placed in Roseland St from the connections to the distribution to north end of Buell St where the pump station will be located. Pumps will be controlled based on the water level in the new Harriman Campus tank. The entire footprint of the pump station (area of potential effect) is not expected to exceed 600 square feet.

## MAPS LOCATING PROJECT

A map illustrating the location of the two proposed project components is included as Figure 1.

## PHOTOGRAPHS

Photographs illustrating existing conditions at each of the project locations are included as Attachment 1. Viewshed photographs of the proposed tank are also included in Attachment 1.

## FINDINGS

### *Tank Replacement*

Based on our review of the project area using the Cultural Resource Information System (CRIS) web tool, the land which the tank is located on is considered "Archaeologically Sensitive." However, the new, replacement tank will occupy the same footprint as the existing tank. Although substantial below grade disturbance is not anticipated, the overall area was previously disturbed (including site grading, foundation excavations, and utilities) by the construction of existing facilities on the site.

### *Pump Station*

The project area for the proposed pump station was also reviewed using CRIS. The area is not considered to be "Archaeologically Sensitive", and is not located adjacent to any known cultural or archaeological resources.

Additionally, the soil, which consists of "Udipsamments, smoothed", is defined by the US Department of Agriculture (USDA) as "disturbed, sandy soils." The Web Soil Survey Soil Map, and Albany County Soil Survey are included as Attachment 2.

In addition, as noted in plans included as Figure 2, the proposed site of the pump station has been disturbed by prior modern anthropogenic activities such as road construction-related grading and excavations to install utility infrastructure.

It is our opinion that the project will have no effect on cultural, archaeological or historic resources. We request your concurrence. If you have any questions, please contact Scott Mosher at (315) 956-6456.

**Attachments:**

Figure 1 – Location Map

Figure 2 – Existing Site Plans (Pump Station Site)

Attachment 1 – Photolog

Attachment 2 – USDA Soil Map & Albany County Soil Survey Report

FIGURE-1



ALBANY WATER BOARD  
WASHINGTON AVENUE CORRIDOR IMPROVEMENTS  
ALBANY, NY

SITE LOCATION



FILE NO. 1146661784  
DATE: February 2017



O'BRIEN & GERE ENGINEERS, INC.



### ATTACHMENT 1 – PHOTOGRAPHIC LOG

<b>CLIENT NAME:</b> ALBANY WATER BOARD	<b>SITE LOCATION:</b> Albany, NY	<b>PROJECT NO.</b> DWSRF# 18377
--	----------------------------------	------------------------------------

<b>PHOTO NO.</b>	<b>DATE:</b>
001	N/A

**DESCRIPTION**  
Location of the existing Harriman Campus Tank to be replaced(Aerial)



*Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community*

<b>CLIENT NAME:</b> ALBANY WATER BOARD	<b>SITE LOCATION:</b> Albany, NY	<b>PROJECT NO.</b> DWSRF# 18377
--	----------------------------------	------------------------------------

<b>PHOTO NO.</b>	<b>DATE:</b>
002	07/19/16

**DESCRIPTION**  
Photo of the existing Harriman Campus Tank to be replaced.



*Source: OBG*



**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** Albany, NY

**PROJECT NO.**

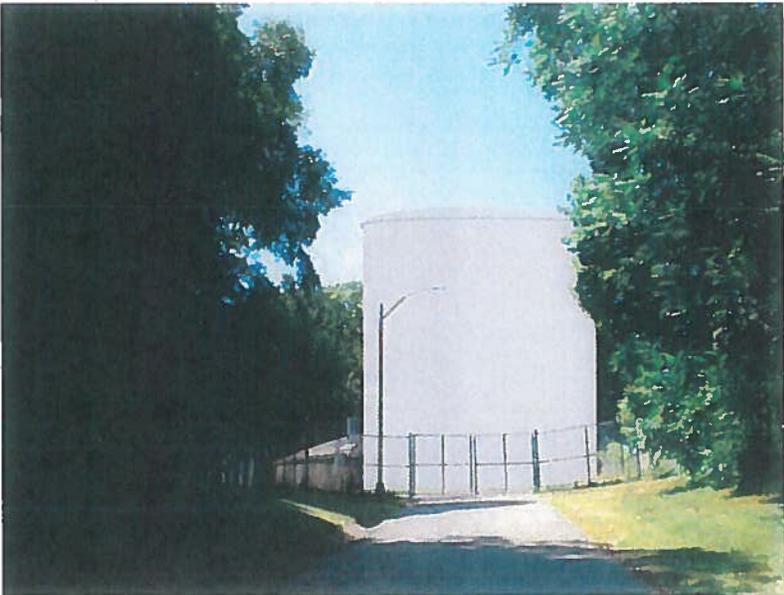
DWSRF# 18377

**PHOTO NO. DATE:**

003 06/28/16

**DESCRIPTION**

Rendering of replacement tank which will be built within the same footprint as the existing tank.



Source: OBG

**CLIENT NAME:** ALBANY WATER BOARD

**SITE LOCATION:** Albany, NY

**PROJECT NO.**

DWSRF# 18377

**PHOTO NO. DATE:**

004 N/A

**DESCRIPTION**

Location of the proposed Colvin Booster Pump Station.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



CLIENT NAME: ALBANY WATER BOARD

SITE LOCATION: Albany, NY

PROJECT NO.

DWSRF# 18377

PHOTO NO.

DATE:

005

01/27/17

DESCRIPTION

Location of the proposed Colvin Booster Pump Station (view from the northeast).



Source: OBG

CLIENT NAME: ALBANY WATER BOARD

SITE LOCATION: Albany, NY

PROJECT NO.

DWSRF# 18377

PHOTO NO.

DATE:

006

1/27/17

DESCRIPTION

Location of the proposed Colvin Booster Pump Station (view from the west).



Source: OBG



Soil Map—Albany County, New York  
(Soils Map)





**Albany Water Board  
Arcadis Engineering Report  
Date: February 17, 2017**

**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.

**Arcadis Projects**

- **Asset Management Program (Water and Sewer)** – Draft Sewer AMP report is in internal review and will be submitted next week.
- **Green Infrastructure Banking System Feasibility Assessment** – A draft of the research report has been completed and delivered to the communities, a meeting with the communities is scheduled for February.
- **Feura Bush Filtration Plant – (NYSERDA FlexTech Grant)** – A draft report is in internal review. 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.
- **Sewer Condition Assessment** – Condition assessment and cost estimates for the Warren Street sewer has been completed and is in internal review.
- **Loudonville Reservoir Basin C wall cap replacement** – Design completed, making some minor updates based on AWD feedback.
- **RedZone Inspection of the Lincoln Park Sewer** - Presently coordinating a time with the contractor to begin inspection.