

ALBANY WATER BOARD
MINUTES OF REGULAR MEETING
April 22, 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, April 22, 2016.

PRESENT: David McGuire, Chairman; Daniel Ranellone, Treasurer; Charles Houghton, Secretary; Rachel Johnson, Member.

EXCUSED ABSENCE: William Clay, Vice Chairman

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; Lisa Merwin, Engineering Aid;

BOARD ADVISORS PRESENT: Kevin Hogan, Engineering Consultant; Anne Letterio, Assistant Corporation Counsel; William Kahn, UHY Advisors; Brian Toombs, Schnabel Engineering; Greg Daviero, Schnabel Engineering; Ryan Weitz, Barton & Loguidice, DPC; Brad Grant, Barton & Loguidice, DPC;

Moment of Silence

The Board observed a Moment of Silence in honor of the memory of Mrs. Emma Clay, wife of Vice Chairman William Clay, who passed away in the month of April.

Welcome New Board Member

The Board welcomed Rachel M. Johnson, newest member of the Albany Water Board.

Approval of March 25, 2016 Annual Meeting Minutes

Chairman David McGuire introduced the minutes of the March 25, 2016 Annual meeting. With no objection, the reading of minutes was dispensed and Chairman McGuire called for a motion to approve the minutes of said meeting. A motion was made by Mr. Ranellone, seconded by Mr. Houghton, and passed unanimously.

Public Comment Period

No public comments were made.

Water Bill Review Committee

There were no water billing appeals for review for this recent period.

Schnabel Engineering Report

Engineering Assessment of Albany Water Board Dams: Greg Daviero, P.E., Ph.D., presented an assessment report on the safety of the Basic Creek Dam and Alcove Dam, and associated recommended repairs and maintenance projects for each, respectively.

Barton & Loguidice Green Infrastructure Presentation

North Swan Street Green Infrastructure Project: Bradley Grant, P.E., presented project plans for the North Swan Street Green Infrastructure Project, a project whose main objective is to replace existing brick and slate sewers between Livingston Ave. and Clinton Ave., and reduce peak flows storm water flow to the sewer system, resulting in lower likelihood of flooding and sewer back-ups along North Swan Street businesses and residences. This project is also an extension of Green Infrastructure implementation by the Water Department (such as the Quail Street Green Infrastructure Project).

Committee & Staff Reports

Committee Assignment Ratification: Due to the changes that have taken place in Board Membership, the updated Board Committee Assignments (attached) were ratified by consensus of the Board.

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 period ending March 31, 2016. The detailed report is attached.

Key Performance Indicators and Critical Numbers Dashboard: Commissioner Coffey presented the monthly Key Performance Indicators as of the end of March, 2016 (attached).

The Commissioner also presented the Albany Water Department One Page 2016 Business Plan and provided information on each key milestone identified for 2016 quarter two completion including the Department Safety Plan, Kronos Timekeeper implementation, and the 10 N. Enterprise Drive Space Planning initiative (attached).

1A Operator Proposal: Currently the Plant Chief Operator position remains vacant, and the Assistant Chief Operator is planning to retire in July, 2016, leaving the Plant without a Responsible Person in Charge with a 1A License, as required by regulatory compliance. Deputy Commissioner William Simcoe presented a consultation proposal submitted by DCK Services, LLC, for services for a 1A Operator for the Feura Bush Filtration Plant (attached).

1385 Washington Avenue Project Update: The developer's proposed water easement line will need to be relocated to complete the project. To accomplish this, the water main will need to be relocated, and a new easement created. Moving forward in this fashion will ensure the Water Department has easy access to the sewers located behind the Bone & Joint Center and will also support larger sewer capacity in the area.

Feura Bush Filtration Plant Repairs & Improvements: The planned work at the Filtration Plant includes improvements to employee and public spaces and phase two of the masonry contract, which include repairs to the Lab Building and Aeration Wings. Deputy Commissioner William Simcoe discussed the extent of the repairs, and submitted a proposal from O'Brien & Gere, which includes an increase in the scope of the project to include heating renovations, due to the continuing deterioration of the old heating system, which dates back to the 1930's.

Consultant Engineer's Report: Kevin Hogan of ARCADIS presented the Consultant Engineer's Report which details progress on upcoming LTCP Projects and ARCADIS Projects (attached). All action items are occurring within scheduled time frames and progressing as expected.

Resolutions

Resolution 16-16: Authorizing Award of Task Order #5 to the Master Services Agreement executed February 12, 2015 with O'Brien & Gere Engineers, Inc. for Design, Bid, and Construction Phase Services for Employee and Public Space Improvements at the Feura Bush Water Treatment Plant for a not to exceed fee of \$275,000 in accordance with the scope of services outlined in the proposal dated March 26, 2016. Project was offered by Chairman McGuire and seconded by Mr. Houghton. Resolution passed unanimously.

Resolution 16-17: Authorizing the Chairman of the Albany Water Board to execute documents associated with the acceptance of a permanent easement needed to provide ingress and egress for the purpose of installation, operation, maintenance, repair, and replacement of a water main, which serves properties at 1385 and 1389 Washington Avenue, Albany, NY was offered by Chairman McGuire and seconded by Mr. Houghton. Resolution passed unanimously.

Executive Session

Commissioner Coffey requested the Board enter in Executive Session to discuss a potential real estate acquisition. No actions were taken during Executive Session.

Chairman Dave McGuire informed all those in attendance that the next meeting of the AWB will be **Thursday, May 26, 2016** at 9:30 a.m. in the AWB Conference Room.

Being no further business, Chairman McGuire called for a motion to adjourn the meeting. A motion was made by Mr. Ranellone, seconded by Mr. Houghton and passed unanimously. The meeting was adjourned at 11:30 a.m.

Approved by: 
Charles Houghton, Secretary

Albany Water Board Meeting
Friday, April 22, 2016 – 9:30 A.M.
10 North Enterprise Drive, Albany, NY

North Swan Street Green Infrastructure Project

Project Objectives

- Rehabilitate Sanitary Sewers & Replace Brick & Slate Sewers
- Separate Storm & Sanitary Drainage
- Reduce & Attenuate Stormwater Runoff through Green Infrastructure Practices
 - (Street-by-Street Approach)
- Improve Utilities Prior to City Mill & Fill of Street
- Improve Neighborhood Streetscape

Design Concepts

- Less is More – Minimize structures & simplify design to reduce maintenance
 - Work around existing site constraints including:
 - Buildings, Vacant Lots, Door Stoops, Driveways
 - Overhead Power Lines
 - Underground Utilities
 - Steep Slopes
 - Existing Trees
 - Build off of North Swan Street Park Project and avoid disturbances to new sidewalks
 - Provide realistic approaches to urban environment
 - Lined practices to prevent basement infiltration
-

North Swan Street Green Infrastructure Project

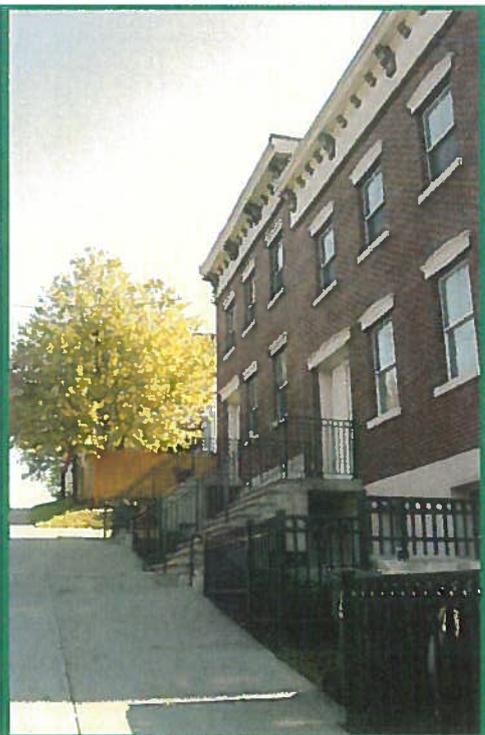
Albany Water Board & City of Albany Department of Water and Water Supply

Background

The Albany Water Board, in conjunction with the City of Albany Department of Water & Water Supply, has retained Barton & Loguidice, D.P.C. to prepare construction documents for the implementation of green infrastructure practices in the historic North Swan Street neighborhood. The project is part of a coordinated renewal, working with the City of Albany Department of General Services, to rehabilitate storm and sanitary infrastructure. Specific work items include the replacement of antiquated brick & slate sanitary sewers and the installation of separated storm sewer facilities with urban green infrastructure practices. The practices aim to increase green infrastructure implementation and awareness in the community, reduce peak stormwater flow into the City's combined sewer system, and stimulate economic development through green aesthetic enhancements.

Urban Green Infrastructure Practices

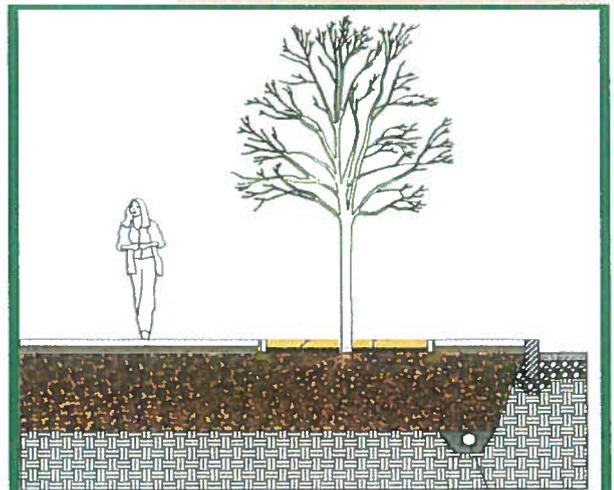
Managing stormwater in an urban environment poses many challenges including extensive impervious surfaces, damaged and compacted soils, and little room for green space for stormwater management facilities. A number of green infrastructure practices are uniquely suited for redevelopment projects such as the North Swan Street Project. This project proposes to install tree pits and flow-through bioretention planters.



urban environment where rooting volume, soil compaction, and vehicular and pedestrian damage are significant concerns.

Tree pits are a green infrastructure technique in which trees are planted in contained areas. Conserving existing trees or planting new trees can reduce stormwater runoff, promote evapotranspiration, increase nutrient uptake, provide shading and thermal reductions, and encourage wildlife habitat.

Critical in the design of tree pits is the selection of appropriate species to align with local codes, prevent interference with overhead utilities, and be a natural fit for the environment. In the case of this project, trees must be able to sustain stresses from being located in an



Contact:

William D. Simcoe, P.E.
Deputy Commissioner
Dept. of Water & Water Supply
10 North Enterprise Drive
Albany, NY 12204
(518) 434-5302
wsimcoe@albanyny.gov

Project Manager:

Bradley D. Grant
Senior Project Manager
Barton & Loguidice, D.P.C.
10 Airline Drive, Suite 200
Albany, NY 12205
(518) 218-1801
bgrant@bartonandloguidice.com

Left

North Swan Street

Existing healthy trees will be retained through the project.

Below

Tree Pit Diagram

Tree pits include large subsurface soil volumes to encourage healthy and prolific growth of street trees.

North Swan Street Green Infrastructure Project

Albany Water Board & City of Albany Department of Water and Water Supply



Above

North Swan Street Park

The North Swan Street Park, completed in 2014, included many green infrastructure practices including porous pavement and bioretention.

Right

Harrison Street Bioretention Planter

This bioretention planter was installed on Syracuse's Harrison Street to help filter stormwater and slow peak flow rates. (Cornell University, 2014)

Project Timeline & Milestones

B&L was retained by the Water Board in August 2015. The project will be phased for construction completion by late-summer 2016.

Flow-through bioretention planters are small landscaped stormwater treatment devices that can be placed below ground and can be designed as infiltration or, as is the case here, filtering practices. Biogeochemical processes decrease stormwater quantity and improve quality similar to rain gardens and green roofs. The capacity of the system can also be increased using a deep stone or sand bedding layer to allow for the storage of water in the void spaces in the stone or sand. In an urban setting such as this project, the practice will be designed as a "flow-through" system in which an under drain will allow filtered stormwater to exit the practice and enter the storm drain system. An impermeable liner will prevent infiltration and stormwater from entering adjacent basements.

Bioretention systems are very effective in removing pollutants and reducing stormwater runoff. Water ponds and slowly flows through a mulched bed with native grasses and plants and gradually infiltrates into the distinct engineered soil below which filters pollutants. A portion of the runoff is absorbed by the vegetation and released via evapotranspiration. The vegetation selected for stormwater planters should be relatively self-sustaining and adaptable. Native plant and tree species are recommended, and fertilizer and pesticide use should be avoided whenever possible.





April 20, 2016

Mr. William D. Simcoe, P.E.
Deputy Commissioner, Albany Water Board
10 North Enterprise Drive
Albany, NY 12204

Re: North Swan Street Green Infrastructure Project
State Environmental Quality Review Act (SEQRA)

File: 1802.002.002

Dear Mr. Simcoe:

Enclosed please find a copy of the mailing list for interested/involved agencies and a completed copy of the Full Environmental Assessment Form (FEAF) with an EAF Mapper Summary Report showing the proposed North Swan Street Green Infrastructure Project in the City of Albany. Please review these documents. If found acceptable, we recommend that the Albany Water Board take the following steps towards completing the SEQRA process:

1. Upon review and approval by the Albany Water Board, the Chairman should sign and date at the end of Part 1 on Page 13 of the attached FEAF. Distribute a signed copy of Pages 1 through 13 and the associated EAF Mapper Summary Report along with the attached "Notice of Intent to Establish Lead Agency" letter (to be re-typed on Albany Water Board letterhead and signed by the Chairman) to the interested and involved agencies included on the enclosed mailing list.
2. Notify our office of any comments received from any involved or interested agencies. If, after 30 days from the mailing date of the Lead Agency letter to the interested and involved agencies, the Board does not receive any written objections to its designation as Lead Agency for the proposed project, the Board should pass a resolution formally establishing the Albany Water Board as the Lead Agency for the proposed North Swan Street Green Infrastructure Project. An example of such a resolution is enclosed.





William D. Simcoe, Deputy Commissioner
Albany Water Board
April 20, 2016
Page 2 of 2

3. The Board, as Lead Agency, must then determine the significance of the proposed project (i.e., issue a Negative Declaration if it is found that the project will not have a significant effect on the environment, or issue a Positive Declaration if the project may have significant adverse impacts on the environment) within 20 calendar days of the establishment as Lead Agency. The Board can pass two resolutions at the same meeting; the first one establishing the Board as Lead Agency and the second establishing the significance determination for the proposed project. An example of such a resolution is enclosed for your reference and/or use.
4. If it is determined that the project will have no significant impact on the environment, we will assist the Board in preparation of a Parts 2 and 3 of the FEAF and a Negative Declaration. This step likely represents the completion of the SEQRA process for the North Swan Street Green Infrastructure Project. If it is determined that adverse environmental impacts will occur as a result of the proposed project, a Positive Declaration will be prepared and further review under SEQRA will be required.

If you have any questions or comments regarding the above environmental review process, please do not hesitate to contact me at (518) 218-1801.

Very truly yours,

BARTON & LOGUIDICE, D.P.C.

A handwritten signature in black ink that reads "Bradley D. Grant". The signature is written in a cursive, flowing style.

Bradley D. Grant
Senior Project Manager

BDG/RBW/ojf

Enclosures

Draft
To be Placed on Albany Water Board Letterhead

[Address of Involved or
Interested Agency]

April __, 2016

Re: Notice of Intent to Establish Lead Agency
North Swan Street Green Infrastructure Project

Dear _____:

Pursuant to the State Environmental Quality Review Act ("SEQRA") and 6 NYCRR 617.6(b)(3)(i), please be advised that the Albany Water Board intends to establish itself as Lead Agency for the purposes of fulfilling the SEQRA requirements relative to the proposed North Swan Street Green Infrastructure. The Project will be located in the City of Albany, Albany County, New York.

This project is part of a coordinated effort, working with the City of Albany Department of General Services, to renew storm and sanitary infrastructure in this neighborhood. Specifically, the work of the Albany Water Board entails the replacement of antiquated brick & slate sanitary sewers and the installation of separated storm sewer facilities with appurtenant green infrastructure practices resulting in greater capture and treatment of stormwater runoff and leading to reduction of combined sewer overflows and the resultant adverse impacts to the Hudson River.

Enclosed for your review, as required pursuant to 6 NYCRR 617.6(b)(3)(i), is Part 1 of a completed Environmental Assessment Form (EAF) which describes the proposed action and a EAF Mapper Summary Report identifying the project location. The EAF is complete with all information available at this time. Your agency has been determined to meet the definition of an Interested or Involved Agency, as this term is defined in 6 NYCRR Part 617.2.

In accordance with 6 NYCRR 617.6(b)(3)(i), all Involved Agencies must agree upon Lead Agency designation within thirty (30) calendar days of this letter. If you are in agreement with the proposed SEQRA Lead Agency Designation, then no response is required. In the event that you disagree with the proposed designation of the Albany Water Board as Lead Agency for this proposed project, you must send written notice of said disagreement to the following address within thirty (30) calendar days of the date of this letter to: Mr. William Simcoe, Albany Water Board, 10 North Enterprise Drive, Albany, NY 12204.

All questions concerning this notice should be address to the undersigned.

Very Truly Yours,

David R. McGuire
Chairman, Albany Water Board

List of Involved Agencies

Address to: City of Albany
Attention: John J. Reilly, Corporation Counsel
24 Eagle Street, Room 106
Albany, NY 12207

Address to: Albany Municipal Water Finance Authority
Attention: Michael J. Hall, Chairman
10 North Enterprise Drive
Albany, NY 12204

List of Interested Agencies

Address to: New York State Department of Environmental Conservation, Region 4
Attention: Derek Thorsland, P.E.
1130 North Wescott Road
Schenectady, NY 12306

Address to: Albany County Department of Health
Attention: Elizabeth F. Whalen, MD, MPH, Commissioner
175 Green Street
Albany, NY 12202

Address to: Arbor Hill Development Corporation
241 Clinton Avenue
Albany, NY 12210

**Full Environmental Assessment Form
Part 1 - Project and Setting**

Instructions for Completing Part 1

Part 1 is to be completed by the applicant or project sponsor. Responses become part of the application for approval or funding, are subject to public review, and may be subject to further verification.

Complete Part 1 based on information currently available. If additional research or investigation would be needed to fully respond to any item, please answer as thoroughly as possible based on current information; indicate whether missing information does not exist, or is not reasonably available to the sponsor; and, when possible, generally describe work or studies which would be necessary to update or fully develop that information.

Applicants/sponsors must complete all items in Sections A & B. In Sections C, D & E, most items contain an initial question that must be answered either "Yes" or "No". If the answer to the initial question is "Yes", complete the sub-questions that follow. If the answer to the initial question is "No", proceed to the next question. Section F allows the project sponsor to identify and attach any additional information. Section G requires the name and signature of the project sponsor to verify that the information contained in Part 1 is accurate and complete.

A. Project and Sponsor Information.

Name of Action or Project: North Swan Street Green Infrastructure Project		
Project Location (describe, and attach a general location map): North Swan Street from Clinton Avenue to Livingston Avenue		
Brief Description of Proposed Action (include purpose or need): This project is part of a coordinated project, working with the City of Albany Department of General Services, to renew this neighborhood. Specifically, the work of the Albany Water Board entails the replacement of antiquated brick & slate sanitary sewers and the installation of separated storm sewer facilities with appurtenant green infrastructure practices resulting in greater capture and treatment of stormwater runoff and leading to reduction of combined sewer overflows.		
Name of Applicant/Sponsor: Albany Water Board		Telephone: (518) 434-5300 E-Mail: jcoffey@albanyny.gov
Address: 10 North Enterprise Drive		
City/PO: Albany	State: NY	Zip Code: 12204
Project Contact (if not same as sponsor; give name and title/role): William D. Simcoe, P.E., Deputy Commissioner		Telephone: (518) 434-5300 E-Mail: wsimcoe@albanyny.gov
Address: 10 North Enterprise Drive		
City/PO: Albany	State: NY	Zip Code: 12204
Property Owner (if not same as sponsor): City of Albany		Telephone: (518) 434-5100 E-Mail: mayor@albanyny.gov
Address: 24 Eagle Street		
City/PO: Albany	State: NY	Zip Code: 12207

B. Government Approvals

B. Government Approvals, Funding, or Sponsorship. ("Funding" includes grants, loans, tax relief, and any other forms of financial assistance.)

Government Entity	If Yes: Identify Agency and Approval(s) Required	Application Date (Actual or projected)
a. City Council, Town Board, or Village Board of Trustees <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
b. City, Town or Village Planning Board or Commission <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
c. City Council, Town or Village Zoning Board of Appeals <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
d. Other local agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
e. County agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Albany County Department of Health	April 2016
f. Regional agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
g. State agencies <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	SHPO Determination of Effect	April 2016
h. Federal agencies <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
i. Coastal Resources.		
i. Is the project site within a Coastal Area, or the waterfront area of a Designated Inland Waterway?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
ii. Is the project site located in a community with an approved Local Waterfront Revitalization Program?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
iii. Is the project site within a Coastal Erosion Hazard Area?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

C. Planning and Zoning

C.1. Planning and zoning actions.

Will administrative or legislative adoption, or amendment of a plan, local law, ordinance, rule or regulation be the only approval(s) which must be granted to enable the proposed action to proceed? Yes No

- If Yes, complete sections C, F and G.
- If No, proceed to question C.2 and complete all remaining sections and questions in Part 1

C.2. Adopted land use plans.

a. Do any municipally- adopted (city, town, village or county) comprehensive land use plan(s) include the site where the proposed action would be located? Yes No

If Yes, does the comprehensive plan include specific recommendations for the site where the proposed action would be located? Yes No

b. Is the site of the proposed action within any local or regional special planning district (for example: Greenway Brownfield Opportunity Area (BOA); designated State or Federal heritage area; watershed management plan; or other?) Yes No

If Yes, identify the plan(s):
 NYS Heritage Areas: Mohawk Valley Heritage Corridor, NYS Heritage Areas: Albany

c. Is the proposed action located wholly or partially within an area listed in an adopted municipal open space plan, or an adopted municipal farmland protection plan? Yes No

If Yes, identify the plan(s):

C.3. Zoning

a. Is the site of the proposed action located in a municipality with an adopted zoning law or ordinance. Yes No
 If Yes, what is the zoning classification(s) including any applicable overlay district?
Neighborhood Commercial District (C-1), One- and Two-Family Residential District (R-2A), One- and Two-Family Medium Density Residential District (R-2B)

b. Is the use permitted or allowed by a special or conditional use permit? Yes No

c. Is a zoning change requested as part of the proposed action? Yes No
 If Yes,
 i. What is the proposed new zoning for the site? _____

C.4. Existing community services.

a. In what school district is the project site located? City School District of Albany

b. What police or other public protection forces serve the project site?
City of Albany Police Department

c. Which fire protection and emergency medical services serve the project site?
City of Albany Fire Department

d. What parks serve the project site?
North Swan Street Park

D. Project Details

D.1. Proposed and Potential Development

a. What is the general nature of the proposed action (e.g., residential, industrial, commercial, recreational; if mixed, include all components)? Public Utility

b. a. Total acreage of the site of the proposed action? _____ 1.41 acres
 b. Total acreage to be physically disturbed? _____ 0.28 acres
 c. Total acreage (project site and any contiguous properties) owned or controlled by the applicant or project sponsor? _____ 1.41 acres

c. Is the proposed action an expansion of an existing project or use? Yes No
 i. If Yes, what is the approximate percentage of the proposed expansion and identify the units (e.g., acres, miles, housing units, square feet)? % _____ Units: _____

d. Is the proposed action a subdivision, or does it include a subdivision? Yes No
 If Yes,
 i. Purpose or type of subdivision? (e.g., residential, industrial, commercial; if mixed, specify types) _____
 ii. Is a cluster/conservation layout proposed? Yes No
 iii. Number of lots proposed? _____
 iv. Minimum and maximum proposed lot sizes? Minimum _____ Maximum _____

e. Will proposed action be constructed in multiple phases? Yes No
 i. If No, anticipated period of construction: _____ 5 months
 ii. If Yes:
 • Total number of phases anticipated _____
 • Anticipated commencement date of phase 1 (including demolition) _____ month _____ year
 • Anticipated completion date of final phase _____ month _____ year
 • Generally describe connections or relationships among phases, including any contingencies where progress of one phase may determine timing or duration of future phases: _____

f. Does the project include new residential uses? Yes No
 If Yes, show numbers of units proposed.

	<u>One Family</u>	<u>Two Family</u>	<u>Three Family</u>	<u>Multiple Family (four or more)</u>
Initial Phase	_____	_____	_____	_____
At completion	_____	_____	_____	_____
of all phases	_____	_____	_____	_____

g. Does the proposed action include new non-residential construction (including expansions)? Yes No
 If Yes,

i. Total number of structures _____
 ii. Dimensions (in feet) of largest proposed structure: _____ height; _____ width; and _____ length
 iii. Approximate extent of building space to be heated or cooled: _____ square feet

h. Does the proposed action include construction or other activities that will result in the impoundment of any liquids, such as creation of a water supply, reservoir, pond, lake, waste lagoon or other storage? Yes No
 If Yes,

i. Purpose of the impoundment: _____
 ii. If a water impoundment, the principal source of the water: Ground water Surface water streams Other specify: _____
 iii. If other than water, identify the type of impounded/contained liquids and their source. _____
 iv. Approximate size of the proposed impoundment. Volume: _____ million gallons; surface area: _____ acres
 v. Dimensions of the proposed dam or impounding structure: _____ height; _____ length
 vi. Construction method/materials for the proposed dam or impounding structure (e.g., earth fill, rock, wood, concrete): _____

D.2. Project Operations

a. Does the proposed action include any excavation, mining, or dredging, during construction, operations, or both? Yes No
 (Not including general site preparation, grading or installation of utilities or foundations where all excavated materials will remain onsite)
 If Yes:

i. What is the purpose of the excavation or dredging? _____
 ii. How much material (including rock, earth, sediments, etc.) is proposed to be removed from the site?
 • Volume (specify tons or cubic yards): _____
 • Over what duration of time? _____
 iii. Describe nature and characteristics of materials to be excavated or dredged, and plans to use, manage or dispose of them.

iv. Will there be onsite dewatering or processing of excavated materials? Yes No
 If yes, describe. _____

v. What is the total area to be dredged or excavated? _____ acres
 vi. What is the maximum area to be worked at any one time? _____ acres
 vii. What would be the maximum depth of excavation or dredging? _____ feet
 viii. Will the excavation require blasting? Yes No
 ix. Summarize site reclamation goals and plan: _____

b. Would the proposed action cause or result in alteration of, increase or decrease in size of, or encroachment into any existing wetland, waterbody, shoreline, beach or adjacent area? Yes No
 If Yes:

i. Identify the wetland or waterbody which would be affected (by name, water index number, wetland map number or geographic description): _____

ii. Describe how the proposed action would affect that waterbody or wetland, e.g. excavation, fill, placement of structures, or alteration of channels, banks and shorelines. Indicate extent of activities, alterations and additions in square feet or acres:

iii. Will proposed action cause or result in disturbance to bottom sediments? Yes No
If Yes, describe: _____

iv. Will proposed action cause or result in the destruction or removal of aquatic vegetation? Yes No
If Yes:

- acres of aquatic vegetation proposed to be removed: _____
- expected acreage of aquatic vegetation remaining after project completion: _____
- purpose of proposed removal (e.g. beach clearing, invasive species control, boat access): _____
- proposed method of plant removal: _____
- if chemical/herbicide treatment will be used, specify product(s): _____

v. Describe any proposed reclamation/mitigation following disturbance: _____

c. Will the proposed action use, or create a new demand for water? Yes No
If Yes:

i. Total anticipated water usage/demand per day: _____ gallons/day

ii. Will the proposed action obtain water from an existing public water supply? Yes No
If Yes:

- Name of district or service area: _____
- Does the existing public water supply have capacity to serve the proposal? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No
- Do existing lines serve the project site? Yes No

iii. Will line extension within an existing district be necessary to supply the project? Yes No
If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____
- Source(s) of supply for the district: _____

iv. Is a new water supply district or service area proposed to be formed to serve the project site? Yes No
If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- Proposed source(s) of supply for new district: _____

v. If a public water supply will not be used, describe plans to provide water supply for the project: _____

vi. If water supply will be from wells (public or private), maximum pumping capacity: _____ gallons/minute.

d. Will the proposed action generate liquid wastes? Yes No
If Yes:

i. Total anticipated liquid waste generation per day: _____ gallons/day

ii. Nature of liquid wastes to be generated (e.g., sanitary wastewater, industrial; if combination, describe all components and approximate volumes or proportions of each): _____

iii. Will the proposed action use any existing public wastewater treatment facilities? Yes No
If Yes:

- Name of wastewater treatment plant to be used: _____
- Name of district: _____
- Does the existing wastewater treatment plant have capacity to serve the project? Yes No
- Is the project site in the existing district? Yes No
- Is expansion of the district needed? Yes No

- Do existing sewer lines serve the project site? Yes No
- Will line extension within an existing district be necessary to serve the project? Yes No

 If Yes:

- Describe extensions or capacity expansions proposed to serve this project: _____

iv. Will a new wastewater (sewage) treatment district be formed to serve the project site? Yes No
 If Yes:

- Applicant/sponsor for new district: _____
- Date application submitted or anticipated: _____
- What is the receiving water for the wastewater discharge? _____

v. If public facilities will not be used, describe plans to provide wastewater treatment for the project, including specifying proposed receiving water (name and classification if surface discharge, or describe subsurface disposal plans):

vi. Describe any plans or designs to capture, recycle or reuse liquid waste: _____

e. Will the proposed action disturb more than one acre and create stormwater runoff, either from new point sources (i.e. ditches, pipes, swales, curbs, gutters or other concentrated flows of stormwater) or non-point source (i.e. sheet flow) during construction or post construction? Yes No
 If Yes:

- i. How much impervious surface will the project create in relation to total size of project parcel?
 _____ Square feet or _____ acres (impervious surface)
 _____ Square feet or _____ acres (parcel size)
- ii. Describe types of new point sources. _____
- iii. Where will the stormwater runoff be directed (i.e. on-site stormwater management facility/structures, adjacent properties, groundwater, on-site surface water or off-site surface waters)?

- If to surface waters, identify receiving water bodies or wetlands: _____
- Will stormwater runoff flow to adjacent properties? Yes No

iv. Does proposed plan minimize impervious surfaces, use pervious materials or collect and re-use stormwater? Yes No

f. Does the proposed action include, or will it use on-site, one or more sources of air emissions, including fuel combustion, waste incineration, or other processes or operations? Yes No
 If Yes, identify:

- i. Mobile sources during project operations (e.g., heavy equipment, fleet or delivery vehicles)
During Construction: heavy equipment and delivery trucks; After Construction: None
- ii. Stationary sources during construction (e.g., power generation, structural heating, batch plant, crushers)
No known stationary sources are required for project construction
- iii. Stationary sources during operations (e.g., process emissions, large boilers, electric generation)
No known stationary sources are required during operations

g. Will any air emission sources named in D.2.f (above), require a NY State Air Registration, Air Facility Permit, or Federal Clean Air Act Title IV or Title V Permit? Yes No
 If Yes:

- i. Is the project site located in an Air quality non-attainment area? (Area routinely or periodically fails to meet ambient air quality standards for all or some parts of the year) Yes No
- ii. In addition to emissions as calculated in the application, the project will generate:
 - _____ Tons/year (short tons) of Carbon Dioxide (CO₂)
 - _____ Tons/year (short tons) of Nitrous Oxide (N₂O)
 - _____ Tons/year (short tons) of Perfluorocarbons (PFCs)
 - _____ Tons/year (short tons) of Sulfur Hexafluoride (SF₆)
 - _____ Tons/year (short tons) of Carbon Dioxide equivalent of Hydrofluorocarbons (HFCs)
 - _____ Tons/year (short tons) of Hazardous Air Pollutants (HAPs)

h. Will the proposed action generate or emit methane (including, but not limited to, sewage treatment plants, landfills, composting facilities)? Yes No
 If Yes:
 i. Estimate methane generation in tons/year (metric): _____
 ii. Describe any methane capture, control or elimination measures included in project design (e.g., combustion to generate heat or electricity, flaring): _____

i. Will the proposed action result in the release of air pollutants from open-air operations or processes, such as quarry or landfill operations? Yes No
 If Yes: Describe operations and nature of emissions (e.g., diesel exhaust, rock particulates/dust): _____

j. Will the proposed action result in a substantial increase in traffic above present levels or generate substantial new demand for transportation facilities or services? Yes No
 If Yes:
 i. When is the peak traffic expected (Check all that apply): Morning Evening Weekend
 Randomly between hours of _____ to _____.
 ii. For commercial activities only, projected number of semi-trailer truck trips/day: _____
 iii. Parking spaces: Existing _____ Proposed _____ Net increase/decrease _____
 iv. Does the proposed action include any shared use parking? Yes No
 v. If the proposed action includes any modification of existing roads, creation of new roads or change in existing access, describe: _____

vi. Are public/private transportation service(s) or facilities available within 1/2 mile of the proposed site? Yes No
 vii. Will the proposed action include access to public transportation or accommodations for use of hybrid, electric or other alternative fueled vehicles? Yes No
 viii. Will the proposed action include plans for pedestrian or bicycle accommodations for connections to existing pedestrian or bicycle routes? Yes No

k. Will the proposed action (for commercial or industrial projects only) generate new or additional demand for energy? Yes No
 If Yes:
 i. Estimate annual electricity demand during operation of the proposed action: _____
 ii. Anticipated sources/suppliers of electricity for the project (e.g., on-site combustion, on-site renewable, via grid/local utility, or other): _____
 iii. Will the proposed action require a new, or an upgrade to, an existing substation? Yes No

l. Hours of operation. Answer all items which apply.
 i. During Construction:
 • Monday - Friday: _____ 7 am - 7 pm _____
 • Saturday: _____ 7 am - 7 pm _____
 • Sunday: _____ 7 am - 7 pm _____
 • Holidays: _____ 7 am - 7 pm _____
 ii. During Operations:
 • Monday - Friday: _____ N/A _____
 • Saturday: _____ N/A _____
 • Sunday: _____ N/A _____
 • Holidays: _____ N/A _____

m. Will the proposed action produce noise that will exceed existing ambient noise levels during construction, operation, or both? Yes No

If yes:

i. Provide details including sources, time of day and duration:
During construction the project may produce noise that will exceed existing ambient noise levels from 7 am to 7 pm from construction equipment and delivery trucks. Operations will not affect local noise levels.

ii. Will proposed action remove existing natural barriers that could act as a noise barrier or screen? Yes No
 Describe: _____

n. Will the proposed action have outdoor lighting? Yes No

If yes:

i. Describe source(s), location(s), height of fixture(s), direction/aim, and proximity to nearest occupied structures:

ii. Will proposed action remove existing natural barriers that could act as a light barrier or screen? Yes No
 Describe: _____

o. Does the proposed action have the potential to produce odors for more than one hour per day? Yes No
 If Yes, describe possible sources, potential frequency and duration of odor emissions, and proximity to nearest occupied structures:
During construction the project may produce odors for more than one hour per day from 7 am to 7 pm from construction equipment and delivery trucks. Operations will not produce odors.

p. Will the proposed action include any bulk storage of petroleum (combined capacity of over 1,100 gallons) or chemical products 185 gallons in above ground storage or any amount in underground storage? Yes No

If Yes:

i. Product(s) to be stored _____

ii. Volume(s) _____ per unit time _____ (e.g., month, year)

iii. Generally describe proposed storage facilities: _____

q. Will the proposed action (commercial, industrial and recreational projects only) use pesticides (i.e., herbicides, insecticides) during construction or operation? Yes No

If Yes:

i. Describe proposed treatment(s):
Pesticides may be used during operation within the proposed sidewalk bioretention areas and/or tree pits. Pesticide use will be in part of an integrated pest management practice determined by the City staff.

ii. Will the proposed action use Integrated Pest Management Practices? Yes No

r. Will the proposed action (commercial or industrial projects only) involve or require the management or disposal of solid waste (excluding hazardous materials)? Yes No

If Yes:

i. Describe any solid waste(s) to be generated during construction or operation of the facility:

- Construction: _____ tons per _____ (unit of time)
- Operation : _____ tons per _____ (unit of time)

ii. Describe any proposals for on-site minimization, recycling or reuse of materials to avoid disposal as solid waste:

- Construction: _____
- Operation: _____

iii. Proposed disposal methods/facilities for solid waste generated on-site:

- Construction: _____
- Operation: _____

s. Does the proposed action include construction or modification of a solid waste management facility? Yes No

If Yes:

i. Type of management or handling of waste proposed for the site (e.g., recycling or transfer station, composting, landfill, or other disposal activities): _____

ii. Anticipated rate of disposal/processing:

- _____ Tons/month, if transfer or other non-combustion/thermal treatment, or
- _____ Tons/hour, if combustion or thermal treatment

iii. If landfill, anticipated site life: _____ years

t. Will proposed action at the site involve the commercial generation, treatment, storage, or disposal of hazardous waste? Yes No

If Yes:

i. Name(s) of all hazardous wastes or constituents to be generated, handled or managed at facility: _____

ii. Generally describe processes or activities involving hazardous wastes or constituents: _____

iii. Specify amount to be handled or generated _____ tons/month

iv. Describe any proposals for on-site minimization, recycling or reuse of hazardous constituents: _____

v. Will any hazardous wastes be disposed at an existing offsite hazardous waste facility? Yes No

If Yes: provide name and location of facility: _____

If No: describe proposed management of any hazardous wastes which will not be sent to a hazardous waste facility: _____

E. Site and Setting of Proposed Action

E.1. Land uses on and surrounding the project site

a. Existing land uses.

i. Check all uses that occur on, adjoining and near the project site.

Urban Industrial Commercial Residential (suburban) Rural (non-farm)

Forest Agriculture Aquatic Other (specify): City Park

ii. If mix of uses, generally describe: _____

b. Land uses and covertypes on the project site.

Land use or Covertypes	Current Acreage	Acreage After Project Completion	Change (Acres +/-)
• Roads, buildings, and other paved or impervious surfaces	1.41	1.41	0
• Forested	0	0	0
• Meadows, grasslands or brushlands (non-agricultural, including abandoned agricultural)	0	0	0
• Agricultural (includes active orchards, field, greenhouse etc.)	0	0	0
• Surface water features (lakes, ponds, streams, rivers, etc.)	0	0	0
• Wetlands (freshwater or tidal)	0	0	0
• Non-vegetated (bare rock, earth or fill)	0	0	0
• Other Describe: _____	0	0	0

c. Is the project site presently used by members of the community for public recreation? Yes No
i. If Yes: explain: North Swan Street is a City-owned street and is used by the community for pedestrian and bicyclist activities.

d. Are there any facilities serving children, the elderly, people with disabilities (e.g., schools, hospitals, licensed day care centers, or group homes) within 1500 feet of the project site? Yes No
If Yes,
i. Identify Facilities:

e. Does the project site contain an existing dam? Yes No
If Yes:
i. Dimensions of the dam and impoundment:
• Dam height: _____ feet
• Dam length: _____ feet
• Surface area: _____ acres
• Volume impounded: _____ gallons OR acre-feet
ii. Dam's existing hazard classification: _____
iii. Provide date and summarize results of last inspection:

f. Has the project site ever been used as a municipal, commercial or industrial solid waste management facility, or does the project site adjoin property which is now, or was at one time, used as a solid waste management facility? Yes No
If Yes:
i. Has the facility been formally closed? Yes No
• If yes, cite sources/documentation: _____
ii. Describe the location of the project site relative to the boundaries of the solid waste management facility:

iii. Describe any development constraints due to the prior solid waste activities: _____

g. Have hazardous wastes been generated, treated and/or disposed of at the site, or does the project site adjoin property which is now or was at one time used to commercially treat, store and/or dispose of hazardous waste? Yes No
If Yes:
i. Describe waste(s) handled and waste management activities, including approximate time when activities occurred:

h. Potential contamination history. Has there been a reported spill at the proposed project site, or have any remedial actions been conducted at or adjacent to the proposed site? Yes No
If Yes:
i. Is any portion of the site listed on the NYSDEC Spills Incidents database or Environmental Site Remediation database? Check all that apply: Yes No
 Yes – Spills Incidents database Provide DEC ID number(s): _____
 Yes – Environmental Site Remediation database Provide DEC ID number(s): _____
 Neither database
ii. If site has been subject of RCRA corrective activities, describe control measures: _____
N/A
iii. Is the project within 2000 feet of any site in the NYSDEC Environmental Site Remediation database? Yes No
If yes, provide DEC ID number(s): C401052, C401070, E401049A
iv. If yes to (i), (ii) or (iii) above, describe current status of site(s):
Unknown. NYSDEC Environmental Sites are roughly 2000 feet from the site of proposed action.

v. Is the project site subject to an institutional control limiting property uses? Yes No

- If yes, DEC site ID number: _____
- Describe the type of institutional control (e.g., deed restriction or easement): _____
- Describe any use limitations: _____
- Describe any engineering controls: _____
- Will the project affect the institutional or engineering controls in place? Yes No
- Explain: _____

E.2. Natural Resources On or Near Project Site

a. What is the average depth to bedrock on the project site? _____ More than 6 feet

b. Are there bedrock outcroppings on the project site? Yes No
 If Yes, what proportion of the site is comprised of bedrock outcroppings? _____ %

c. Predominant soil type(s) present on project site: Urban land-Udorthents complex (Ut) _____ 100 %
 _____ %
 _____ %

d. What is the average depth to the water table on the project site? Average: _____ 3-6 feet

e. Drainage status of project site soils: Well Drained: _____ % of site
 Moderately Well Drained: _____ 100 % of site
 Poorly Drained _____ % of site

f. Approximate proportion of proposed action site with slopes: 0-10%: _____ 100 % of site
 10-15%: _____ % of site
 15% or greater: _____ % of site

g. Are there any unique geologic features on the project site? Yes No
 If Yes, describe: _____

h. Surface water features.

i. Does any portion of the project site contain wetlands or other waterbodies (including streams, rivers, ponds or lakes)? Yes No

ii. Do any wetlands or other waterbodies adjoin the project site? Yes No

If Yes to either *i* or *ii*, continue. If No, skip to E.2.i.

iii. Are any of the wetlands or waterbodies within or adjoining the project site regulated by any federal, state or local agency? Yes No

iv. For each identified regulated wetland and waterbody on the project site, provide the following information:

- Streams: Name _____ Classification _____
- Lakes or Ponds: Name _____ Classification _____
- Wetlands: Name _____ Approximate Size _____
- Wetland No. (if regulated by DEC) _____

v. Are any of the above water bodies listed in the most recent compilation of NYS water quality-impaired waterbodies? Yes No
 If yes, name of impaired water body/bodies and basis for listing as impaired: _____

i. Is the project site in a designated Floodway? Yes No

j. Is the project site in the 100 year Floodplain? Yes No

k. Is the project site in the 500 year Floodplain? Yes No

l. Is the project site located over, or immediately adjoining, a primary, principal or sole source aquifer? Yes No
 If Yes:
 i. Name of aquifer: _____

m. Identify the predominant wildlife species that occupy or use the project site:	<input type="text"/>
Squirrels _____ Rats _____ Misc. Urban Wildlife _____	
n. Does the project site contain a designated significant natural community?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Describe the habitat/community (composition, function, and basis for designation): _____	
ii. Source(s) of description or evaluation: _____	
iii. Extent of community/habitat:	
<ul style="list-style-type: none"> • Currently: _____ acres • Following completion of project as proposed: _____ acres • Gain or loss (indicate + or -): _____ acres 	
o. Does project site contain any species of plant or animal that is listed by the federal government or NYS as endangered or threatened, or does it contain any areas identified as habitat for an endangered or threatened species?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
p. Does the project site contain any species of plant or animal that is listed by NYS as rare, or as a species of special concern?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
q. Is the project site or adjoining area currently used for hunting, trapping, fishing or shell fishing?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If yes, give a brief description of how the proposed action may affect that use: _____	
E.3. Designated Public Resources On or Near Project Site	
a. Is the project site, or any portion of it, located in a designated agricultural district certified pursuant to Agriculture and Markets Law, Article 25-AA, Section 303 and 304?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes, provide county plus district name/number: _____	
b. Are agricultural lands consisting of highly productive soils present?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
i. If Yes: acreage(s) on project site? _____	
ii. Source(s) of soil rating(s): _____	
c. Does the project site contain all or part of, or is it substantially contiguous to, a registered National Natural Landmark?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. Nature of the natural landmark: <input type="checkbox"/> Biological Community <input type="checkbox"/> Geological Feature	
ii. Provide brief description of landmark, including values behind designation and approximate size/extent: _____	

d. Is the project site located in or does it adjoin a state listed Critical Environmental Area?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
If Yes:	
i. CEA name: _____	
ii. Basis for designation: _____	
iii. Designating agency and date: _____	

<p>e. Does the project site contain, or is it substantially contiguous to, a building, archaeological site, or district which is listed on, or has been nominated by the NYS Board of Historic Preservation for inclusion on, the State or National Register of Historic Places?</p> <p>If Yes:</p> <p>i. Nature of historic/archaeological resource: <input type="checkbox"/> Archaeological Site <input checked="" type="checkbox"/> Historic Building or District</p> <p>ii. Name: <u>Arbor Hill Historic District--Ten Broeck Triangle (Boundary Increase), Clinton Avenue Historic District, Ten Broeck M...</u></p> <p>iii. Brief description of attributes on which listing is based: <u>Significant concentration of nineteenth-century urban residential architecture with few modern intrusions.</u></p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>f. Is the project site, or any portion of it, located in or adjacent to an area designated as sensitive for archaeological sites on the NY State Historic Preservation Office (SHPO) archaeological site inventory?</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>g. Have additional archaeological or historic site(s) or resources been identified on the project site?</p> <p>If Yes:</p> <p>i. Describe possible resource(s): _____</p> <p>ii. Basis for identification: _____</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<p>h. Is the project site within five miles of any officially designated and publicly accessible federal, state, or local scenic or aesthetic resource?</p> <p>If Yes:</p> <p>i. Identify resource: <u>Mohawk-Hudson Bike-Hike Trail</u></p> <p>ii. Nature of, or basis for, designation (e.g., established highway overlook, state or local park, state historic trail or scenic byway, etc.): <u>State Park</u></p> <p>iii. Distance between project and resource: _____ <u>0.6</u> miles.</p>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<p>i. Is the project site located within a designated river corridor under the Wild, Scenic and Recreational Rivers Program 6 NYCRR 666?</p> <p>If Yes:</p> <p>i. Identify the name of the river and its designation: _____</p> <p>ii. Is the activity consistent with development restrictions contained in 6NYCRR Part 666?</p>	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No

F. Additional Information

Attach any additional information which may be needed to clarify your project.

If you have identified any adverse impacts which could be associated with your proposal, please describe those impacts plus any measures which you propose to avoid or minimize them.

G. Verification

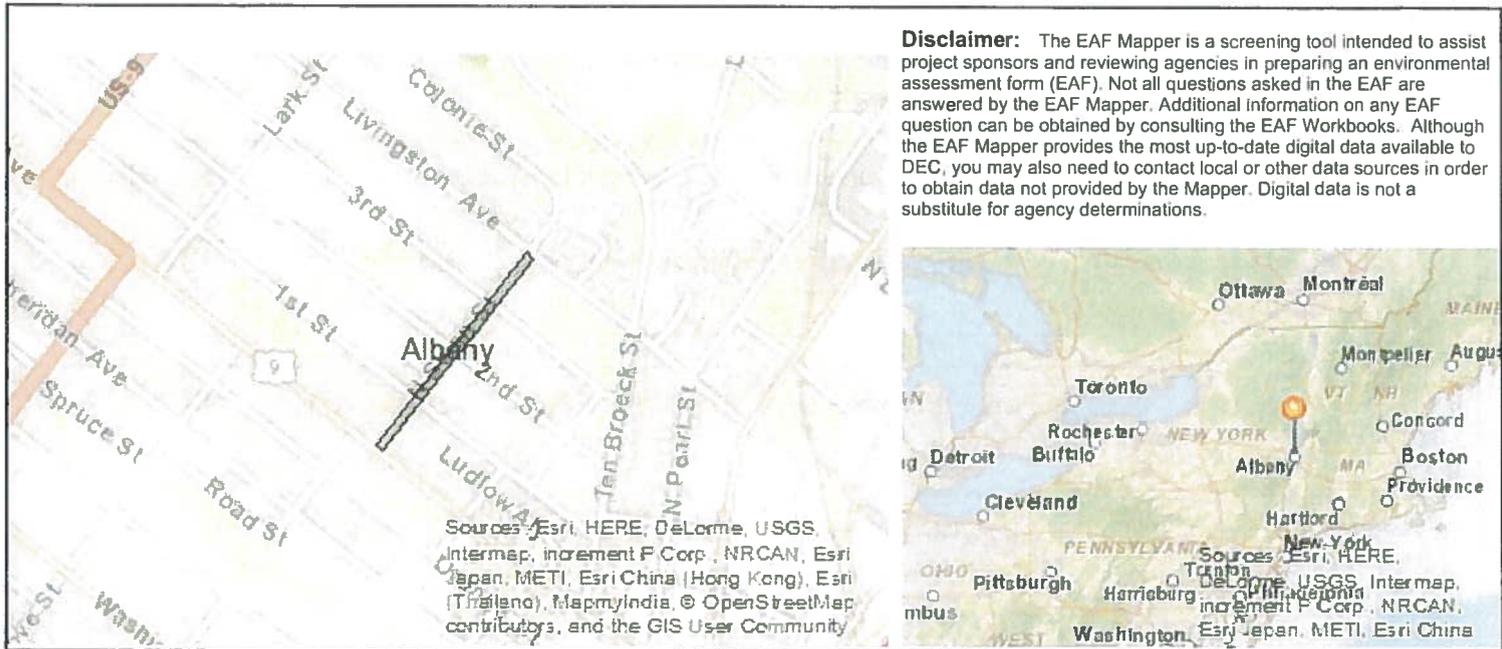
I certify that the information provided is true to the best of my knowledge.

Applicant/Sponsor Name David R. McGuire Date _____

Signature _____ Title Chairman, Albany Water Board

EAF Mapper Summary Report

Wednesday, March 16, 2016 2:42 PM



Disclaimer: The EAF Mapper is a screening tool intended to assist project sponsors and reviewing agencies in preparing an environmental assessment form (EAF). Not all questions asked in the EAF are answered by the EAF Mapper. Additional information on any EAF question can be obtained by consulting the EAF Workbooks. Although the EAF Mapper provides the most up-to-date digital data available to DEC, you may also need to contact local or other data sources in order to obtain data not provided by the Mapper. Digital data is not a substitute for agency determinations.

B.i.i [Coastal or Waterfront Area]	No
B.i.ii [Local Waterfront Revitalization Area]	Yes
C.2.b. [Special Planning District]	Yes - Digital mapping data are not available for all Special Planning Districts. Refer to EAF Workbook.
C.2.b. [Special Planning District - Name]	NYS Heritage Areas: Mohawk Valley Heritage Corridor, NYS Heritage Areas: Albany
E.1.h [DEC Spills or Remediation Site - Potential Contamination History]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Listed]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.i [DEC Spills or Remediation Site - Environmental Site Remediation Database]	Digital mapping data are not available or are incomplete. Refer to EAF Workbook.
E.1.h.iii [Within 2,000' of DEC Remediation Site]	Yes
E.1.h.iii [Within 2,000' of DEC Remediation Site - DEC ID]	C401052, C401070, E401049A
E.2.g [Unique Geologic Features]	No
E.2.h.i [Surface Water Features]	No
E.2.h.ii [Surface Water Features]	No
E.2.h.iii [Surface Water Features]	No
E.2.h.v [Impaired Water Bodies]	No
E.2.i. [Floodway]	No
E.2.j. [100 Year Floodplain]	No
E.2.k. [500 Year Floodplain]	No
E.2.l. [Aquifers]	No
E.2.n. [Natural Communities]	No

E.2.o. [Endangered or Threatened Species]	No
E.2.p. [Rare Plants or Animals]	No
E.3.a. [Agricultural District]	No
E.3.c. [National Natural Landmark]	No
E.3.d. [Critical Environmental Area]	No
E.3.e. [National Register of Historic Places]	Yes - Digital mapping data for archaeological site boundaries are not available. Refer to EAF Workbook.
E.3.e.ii [National Register of Historic Places - Name]	Arbor Hill Historic District--Ten Broeck Triangle (Boundary Increase), Clinton Avenue Historic District, Ten Broeck Mansion
E.3.f. [Archeological Sites]	Yes
E.3.i. [Designated River Corridor]	No

**Total Estimate of Probable Project Cost
(Storm Collector Third to Livingston - Less Sidewalk Restoration)**

Item	Qty.	Unit	Cost/Unit	Total Cost
Demolition & Removal	1	LS	\$ 5,000	\$ 5,000
Work Zone Traffic Control	1	LS	\$ 19,000	\$ 19,000
Erosion & Sediment Control	1	LS	\$ 3,800	\$ 3,800
Sanitary Sewer Improvements (Pipe, MH, Restoration, etc.)	See Breakdown Sheet			\$ 215,750
Storm Sewer Improvements (Clinton to Ten Broek)	See Breakdown Sheet			\$ 177,225
Storm Sewer Improvements (Ten Broek to Livingston)	See Breakdown Sheet			\$ 18,925
Tree Pits (x13)	See Breakdown Sheet			\$ 53,225
Bioretention Area 1.1 (250 SF)	See Breakdown Sheet			\$ 27,740
Bioretention Area 1.2 (125 SF)	See Breakdown Sheet			\$ 15,060
Bioretention Area 2.1 (120 SF)	See Breakdown Sheet			\$ 15,105
Bioretention Area 2.2 (250 SF)	See Breakdown Sheet			\$ 24,410
Bioretention Area 3.1 (150 SF)	See Breakdown Sheet			\$ 18,175
Bioretention Area 3.2 (425 SF)	See Breakdown Sheet			\$ 40,865
Construction Subtotal				\$ 634,280
Engineering, Construction Inspection/Administration				\$ 66,500
Legal (1%)				\$ 6,400
Contingency (15%)				\$ 95,200
Project Total				\$ 803,000

Sanitary Sewer Improvements

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation Below Subgrade	45	CY	\$ 65	\$ 2,925
Excavation Trenching (<8')	175	LF	\$ 12	\$ 2,100
Excavation Trenching (8'-14')	325	LF	\$ 20	\$ 6,500
6-inch Non-Pressure Sewer	175	LF	\$ 100	\$ 17,500
8-inch Non-Pressure Sewer	275	LF	\$ 140	\$ 38,500
12-inch Non-Pressure Sewer	50	LF	\$ 200	\$ 10,000
Special Backfill	550	CY	\$ 30	\$ 16,500
Lining (Pipe Backfill)	175	CY	\$ 45	\$ 7,875
Test Pits (For Flowable Fill)	6	EA	\$ 1,300	\$ 7,800
Flowable Fill incl. access exc. to pipe (No MH avail.)	30	CY	\$ 175	\$ 5,250
Manhole Structure	4	EA	\$ 8,000	\$ 32,000
Manhole Frame & Cover	4	EA	\$ 900	\$ 3,600
Connection to Ex. Sewer	4	EA	\$ 3,000	\$ 12,000
Sewer Flow Control	1	LS	\$ 12,000	\$ 12,000
Roadway Subbase (12" depth)	125	CY	\$ 40	\$ 5,000
HMA Binder Course (6" depth)	125	TON	\$ 220	\$ 27,500
Saw Cutting Asphalt Pavement	1500	LF	\$ 3	\$ 4,500
Sidewalk Subbase (12" depth)	4	CY	\$ 50	\$ 200
Granite Stone Curbing (Reset)	100	LF	\$ 40	\$ 4,000
Construction Subtotal				\$ 215,750

Storm Sewer Improvements
Clinton Avenue to Ten Broek Place

Item	Qty.	Unit	Cost/Unit	Total Cost
Catch Basin	15	EA	\$ 4,000	\$ 60,000
Catch Basin Frame & Grate	15	EA	\$ 500	\$ 7,500
Excavation Trenching (<8')	825	LF	\$ 12	\$ 9,900
12-inch HDPE Smooth-Bore Storm Drain	825	LF	\$ 45	\$ 37,125
Special Backfill	550	CY	\$ 30	\$ 16,500
Roadway Subbase (12" depth)	125	CY	\$ 40	\$ 5,000
HMA Binder Course (6" depth)	125	TON	\$ 220	\$ 27,500
Saw Cutting Asphalt Pavement	1650	LF	\$ 3	\$ 4,950
Sidewalk Subbase (12" depth)	15	CY	\$ 50	\$ 750
Granite Stone Curbing (Reset)	200	LF	\$ 40	\$ 8,000
Construction Subtotal				\$ 177,225

Storm Sewer Improvements
Ten Broek Place to Livingston Avenue

Item	Qty.	Unit	Cost/Unit	Total Cost
Catch Basin (Cleanout to Roof Drain Pipe)	1	EA	\$ 4,000	\$ 4,000
Catch Basin Frame & Grate	1	EA	\$ 500	\$ 500
Excavation Trenching (<8')	50	LF	\$ 12	\$ 600
8-inch HDPE Smooth-Bore Storm Drain	275	LF	\$ 45	\$ 12,375
Special Backfill	0	CY	\$ 30	\$ -
Roadway Subbase (12" depth)	5	CY	\$ 40	\$ 200
HMA Binder Course (6" depth)	5	TON	\$ 220	\$ 1,100
Saw Cutting Asphalt Pavement	50	LF	\$ 3	\$ 150
Sidewalk Subbase (12" depth)	0	CY	\$ 50	\$ -
Granite Stone Curbing (Reset)	0	LF	\$ 40	\$ -
Construction Subtotal				\$ 18,925

Tree Pits

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	200	CY	\$ 35	\$ 7,000
Geotextile/Filter Fabric	150	SY	\$ 2	\$ 300
Geomembrane	0	SY	\$ 8	\$ -
Clean Washed No. 2 Stone	0	CY	\$ 60	\$ -
15-inch HDPE Perf. Smooth-Bore Underdrain	0	LF	\$ 130	\$ -
CU-Structural Soil	165	CY	\$ 125	\$ 20,625
Bioretention/Planting Soil	20	CY	\$ 65	\$ 1,300
Deciduous Trees (3" cal.)	13	EA	\$ 800	\$ 10,400
Bark Mulch (3" depth)	2	CY	\$ 50	\$ 100
Roadway Subbase (12" depth)	10	CY	\$ 40	\$ 400
HMA Binder Course (6" depth)	5	TON	\$ 220	\$ 1,100
Saw Cutting Asphalt Pavement	500	LF	\$ 3	\$ 1,500
Sidewalk Subbase (12" depth)	50	CY	\$ 50	\$ 2,500
Granite Stone Curbing (Reset)	200	LF	\$ 40	\$ 8,000
Construction Subtotal				\$ 53,225

Bioretention Area 1.1

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	75	CY	\$ 35	\$ 2,625
Geotextile/Filter Fabric	100	SY	\$ 2	\$ 200
Geomembrane	100	SY	\$ 8	\$ 800
Clean Washed No. 2 Stone	30	CY	\$ 60	\$ 1,800
15-inch HDPE Perf. Smooth-Bore Underdrain	50	LF	\$ 130	\$ 6,500
CU-Structural Soil	30	CY	\$ 125	\$ 3,750
Bioretention/Planting Soil	15	CY	\$ 65	\$ 975
Deciduous Trees (3" cal.)	2	EA	\$ 800	\$ 1,600
Bioretention & Rain Garden Plantings	250	SF	\$ 20	\$ 5,000
Bark Mulch (3" depth)	3	CY	\$ 50	\$ 150
Roadway Subbase (12" depth)	3	CY	\$ 40	\$ 120
HMA Binder Course (6" depth)	3	TON	\$ 220	\$ 660
Saw Cutting Asphalt Pavement	70	LF	\$ 3	\$ 210
Sidewalk Subbase (12" depth)	15	CY	\$ 50	\$ 750
Granite Stone Curbing (Reset)	65	LF	\$ 40	\$ 2,600
Construction Subtotal				\$ 27,740

Bioretention Area 1.2

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	55	CY	\$ 35	\$ 1,925
Geotextile/Filter Fabric	75	SY	\$ 2	\$ 150
Geomembrane	75	SY	\$ 8	\$ 600
Clean Washed No. 2 Stone	20	CY	\$ 60	\$ 1,200
15-inch HDPE Perf. Smooth-Bore Underdrain	30	LF	\$ 130	\$ 3,900
CU-Structural Soil	13	CY	\$ 125	\$ 1,625
Bioretention/Planting Soil	8	CY	\$ 65	\$ 520
Deciduous Trees (3" cal.)	0	EA	\$ 800	\$ -
Bioretention & Rain Garden Plantings	125	SF	\$ 20	\$ 2,500
Bark Mulch (3" depth)	2	CY	\$ 50	\$ 100
Roadway Subbase (12" depth)	2	CY	\$ 40	\$ 80
HMA Binder Course (6" depth)	2	TON	\$ 220	\$ 440
Saw Cutting Asphalt Pavement	40	LF	\$ 3	\$ 120
Sidewalk Subbase (12" depth)	10	CY	\$ 50	\$ 500
Granite Stone Curbing (Reset)	35	LF	\$ 40	\$ 1,400
Construction Subtotal				\$ 15,060

Bioretention Area 2.1

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	45	CY	\$ 35	\$ 1,575
Geotextile/Filter Fabric	65	SY	\$ 2	\$ 130
Geomembrane	65	SY	\$ 8	\$ 520
Clean Washed No. 2 Stone	22	CY	\$ 60	\$ 1,320
15-inch HDPE Perf. Smooth-Bore Underdrain	30	LF	\$ 130	\$ 3,900
CU-Structural Soil	16	CY	\$ 125	\$ 2,000
Bioretention/Planting Soil	7	CY	\$ 65	\$ 455
Deciduous Trees (3" cal.)	0	EA	\$ 800	\$ -
Bioretention & Rain Garden Plantings	120	SF	\$ 20	\$ 2,400
Bark Mulch (3" depth)	1	CY	\$ 50	\$ 50
Roadway Subbase (12" depth)	2	CY	\$ 40	\$ 80
HMA Binder Course (6" depth)	2	TON	\$ 220	\$ 440
Saw Cutting Asphalt Pavement	45	LF	\$ 3	\$ 135
Sidewalk Subbase (12" depth)	10	CY	\$ 50	\$ 500
Granite Stone Curbing (Reset)	40	LF	\$ 40	\$ 1,600
Construction Subtotal				\$ 15,105

Bioretention Area 2.2

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	67	CY	\$ 35	\$ 2,345
Geotextile/Filter Fabric	100	SY	\$ 2	\$ 200
Geomembrane	100	SY	\$ 8	\$ 800
Clean Washed No. 2 Stone	33	CY	\$ 60	\$ 1,980
15-inch HDPE Perf. Smooth-Bore Underdrain	50	LF	\$ 130	\$ 6,500
CU-Structural Soil	20	CY	\$ 125	\$ 2,500
Bioretention/Planting Soil	14	CY	\$ 65	\$ 910
Deciduous Trees (3" cal.)	0	EA	\$ 800	\$ -
Bioretention & Rain Garden Plantings	250	SF	\$ 20	\$ 5,000
Bark Mulch (3" depth)	3	CY	\$ 50	\$ 150
Roadway Subbase (12" depth)	3	CY	\$ 40	\$ 120
HMA Binder Course (6" depth)	3	TON	\$ 220	\$ 660
Saw Cutting Asphalt Pavement	65	LF	\$ 3	\$ 195
Sidewalk Subbase (12" depth)	13	CY	\$ 50	\$ 650
Granite Stone Curbing (Reset)	60	LF	\$ 40	\$ 2,400
Construction Subtotal				\$ 24,410

Bioretention Area 3.1

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	45	CY	\$ 35	\$ 1,575
Geotextile/Filter Fabric	200	SY	\$ 2	\$ 400
Geomembrane	200	SY	\$ 8	\$ 1,600
Clean Washed No. 2 Stone	16	CY	\$ 60	\$ 960
15-inch HDPE Perf. Smooth-Bore Underdrain	30	LF	\$ 130	\$ 3,900
CU-Structural Soil	20	CY	\$ 125	\$ 2,500
Bioretention/Planting Soil	9	CY	\$ 65	\$ 585
Deciduous Trees (3" cal.)	1	EA	\$ 800	\$ 800
Bioretention & Rain Garden Plantings	150	SF	\$ 20	\$ 3,000
Bark Mulch (3" depth)	2	CY	\$ 50	\$ 100
Roadway Subbase (12" depth)	2	CY	\$ 40	\$ 80
HMA Binder Course (6" depth)	2	TON	\$ 220	\$ 440
Saw Cutting Asphalt Pavement	45	LF	\$ 3	\$ 135
Sidewalk Subbase (12" depth)	10	CY	\$ 50	\$ 500
Granite Stone Curbing (Reset)	40	LF	\$ 40	\$ 1,600
Construction Subtotal				\$ 18,175

Bioretention Area 3.2

Item	Qty.	Unit	Cost/Unit	Total Cost
Excavation (Bioretention & Tree Pits)	110	CY	\$ 35	\$ 3,850
Geotextile/Filter Fabric	150	SY	\$ 2	\$ 300
Geomembrane	150	SY	\$ 8	\$ 1,200
Clean Washed No. 2 Stone	65	CY	\$ 60	\$ 3,900
15-inch HDPE Perf. Smooth-Bore Underdrain	85	LF	\$ 130	\$ 11,050
CU-Structural Soil	20	CY	\$ 125	\$ 2,500
Bioretention/Planting Soil	25	CY	\$ 65	\$ 1,625
Deciduous Trees (3" cal.)	2	EA	\$ 800	\$ 1,600
Bioretention & Rain Garden Plantings	425	SF	\$ 20	\$ 8,500
Bark Mulch (3" depth)	4	CY	\$ 50	\$ 200
Roadway Subbase (12" depth)	4	CY	\$ 40	\$ 160
HMA Binder Course (6" depth)	4	TON	\$ 220	\$ 880
Saw Cutting Asphalt Pavement	100	LF	\$ 3	\$ 300
Sidewalk Subbase (12" depth)	20	CY	\$ 50	\$ 1,000
Granite Stone Curbing (Reset)	95	LF	\$ 40	\$ 3,800
Construction Subtotal				\$ 40,865

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ALBANY WATER BOARD
ALBANY MUNICIPAL WATER FINANCE AUTHORITY
STATEMENTS OF CASH FLOWS
March 31, 2016

	One Month Period Ended		Year-To-Date Periods Ended		Percent Variance	Percent Variance
	2016	2015	2016	2015		
Revenues						
Water/sewer revenue	\$ 3,322,199	\$ 2,844,169	\$ 8,859,444	\$ 9,191,149	16.8%	(331,705) -3.6%
Investment income	18,924	6,526	36,972	12,154	190.0%	24,818 204.2%
Total revenues	3,341,123	2,850,695	8,896,416	9,203,303	17.2%	(306,887) -3.3%
Operating expenses						
Operation/maintenance costs	1,416,578	1,212,990	3,489,918	3,374,031	16.8%	115,887 3.4%
Board/Authority expenses	4,393	5,362	17,877	24,736	-18.1%	(6,859) -27.7%
Total expenses	1,420,971	1,218,352	3,507,795	3,398,767	16.6%	109,028 3.2%
Net operating cash flows before debt service and capital project costs	1,920,152	1,632,343	287,809	5,804,536	17.6%	(415,915) -7.2%
Debt service costs	(561,580)	(564,620)	(1,684,740)	(1,693,840)	0.0%	9,100 -0.5%
Capital project costs	(423,060)	(33,828)	(389,232)	(111,063)	0.0%	(311,997) 0.0%
Net cash flow (deficiency)	\$ 935,512	\$ 1,033,895	\$ (98,383)	\$ 3,999,633	-9.5%	(718,812) -18.0%

**ALBANY WATER BOARD
ALBANY MUNICIPAL WATER FINANCE AUTHORITY
SCHEDULE OF REVENUES
March 31, 2016**

	2016		2016		2015		2015		Variance Favorable (Unfavorable)	Variance Favorable (Unfavorable)			
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual					
<i>Water and sewer revenue</i>													
March	\$ 2,280,621	\$ 3,322,199	\$ 1,041,578		\$ 2,030,840	\$ 2,844,169	\$ 813,329		\$ 2,030,840	\$ 2,844,169	\$ 813,329	46%	40%
Year-to-Date	\$ 7,859,008	\$ 8,859,444	\$ 1,000,436		\$ 7,044,480	\$ 9,191,149	\$ 2,146,669		\$ 7,044,480	\$ 9,191,149	\$ 2,146,669	13%	30%
<i>Investment income</i>													
March	\$ 16,667	\$ 18,924	\$ 2,257		\$ 6,500	\$ 6,526	\$ 26		\$ 6,500	\$ 6,526	\$ 26	14%	0%
Year-to-Date	\$ 50,000	\$ 36,972	\$ (13,028)		\$ 31,500	\$ 12,154	\$ (19,346)		\$ 31,500	\$ 12,154	\$ (19,346)	-26%	-61%

Additional Cash Receipts

<i>Meter Recovery Fees</i>						
March	\$ -					
Year-to-Date	\$ -	\$ -				
<i>Sales of Scrap</i>						
March	\$ -	\$ -				
Year-to-Date	\$ -	\$ 639				
<i>Insurance Recoveries</i>						
March	\$ -	\$ 5,328				
Year-to-Date	\$ -	\$ 5,328				
<i>Miscellaneous Income</i>						
March	\$ -	\$ 2,380				
Year-to-Date	\$ -	\$ 6,880				

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
March 31, 2016

	2016 ANNUAL ADJUSTED BUDGET	YEAR-TO-DATE MARCH 2016			2015 YTD ACTUAL
		ADJUSTED BUDGET	ACTUAL	(OVER)/ UNDER	
Administration					
Personnel services	1,152,736	\$ 282,747	\$ 222,789	\$ 59,958	\$ 189,660
Equipment	1,000	\$ -	\$ -	0	975
Contractual and other expenses	193,148	\$ 47,379	43,577	3,802	37,834
Benefits	390,398	\$ 97,600	68,201	29,399	78,004
	1,737,282	427,725	334,567	93,158	306,473
Supply, Power and Pumping					
Personnel services	803,481	\$ 197,080	156,083	40,997	173,187
Equipment	43,000	\$ 7,302	-	7,302	-
Contractual and other expenses	104,913	\$ 25,735	5,819	19,916	15,881
Benefits	358,894	\$ 89,724	43,380	46,344	58,595
	1,310,288	319,841	205,282	114,559	247,663
Purification					
Personnel services	1,139,326	\$ 279,457	247,551	31,906	273,915
Equipment	190,000	\$ 32,264	2,662	29,602	14,771
Contractual and other expenses	1,146,062	\$ 281,129	62,296	218,833	196,194
Benefits	375,037	\$ 93,759	68,783	24,976	95,519
	2,850,425	686,610	381,292	305,318	580,399
Transmission/Distribution					
Personnel services	2,531,584	\$ 620,955	613,307	7,648	524,686
Equipment	745,000	\$ 310,970	310,970	0	22,106
Contractual and other expenses	1,628,765	\$ 399,536	106,954	292,582	117,913
Benefits	849,238	\$ 212,310	184,365	27,945	200,235
	5,754,587	1,543,770	1,215,596	328,174	864,940
Sewer Services					
Personnel services	825,134	\$ 202,391	141,044	61,347	175,755
Equipment	589,000	\$ 28,475	28,897	(422)	25,850
Contractual and other expenses	1,714,370	\$ 420,535	8,360	412,175	22,182
Benefits	196,956	\$ 49,239	36,885	12,354	40,743
	3,325,460	700,640	215,186	485,454	264,530
Pumping Stations					
Personnel services	149,790	\$ 36,741	17,543	19,198	42,782
Equipment	25,000	\$ -	-	-	-
Contractual and other expenses	400,609	\$ 98,269	18,442	79,827	16,998
Benefits	37,757	\$ 9,439	6,192	3,247	16,631
	613,156	144,450	42,177	102,273	76,411
Taxes Paid to Municipalities					
	2,112,359	\$ 600,000	558,282	41,718	558,787
County Sewer Contract					
	6,177,000	\$ -	-	-	-
Contingencies, Insurance and Other					
	4,575,643	\$ 1,122,405	537,536	584,869	474,828
TOTALS	\$ 28,456,200	\$ 5,545,441	\$ 3,489,918	\$ 2,055,523	\$ 3,374,031

EXPENSE SUMMARY:	2016	2015	Change
Personal Services	1,398,317	1,379,985	18,332
Equipment	342,529	63,702	278,827
Contractual and other expenses	245,448	407,002	(161,554)
Benefits	407,806	489,727	(81,921)
Other	1,095,818	1,033,615	62,203
	3,489,918	3,374,031	115,887

Percent Increase/Decrease over 2015 3.4%
Percent under Budget 58.9%

**ALBANY WATER BOARD
ALBANY MUNICIPAL WATER AUTHORITY
SCHEDULE OF CAPITAL PROJECT COSTS
March 31, 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
	\$	48,993,267

Comparative Expenditures

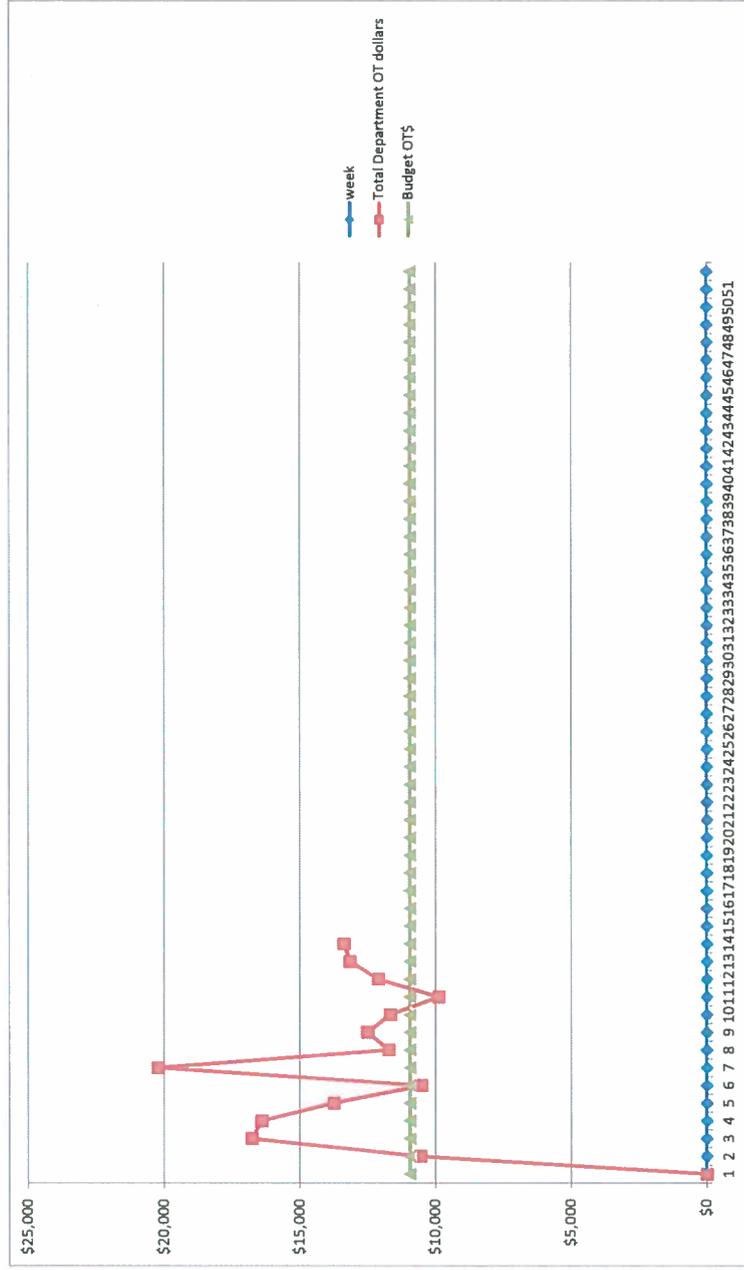
[----- 2015 -----]		2016	
January	\$ -	January	\$ -
February	77,235	February	
March	33,828	March	423,060
April	84,334	April	
May	86,474	May	
June	17,174	June	
July	161,417	July	
August	59,130	August	
September	208,826	September	
October	373,623	October	
November	44,554	November	
December	929,999	December	-
	\$ 2,076,594		\$ 423,060

	Budget 3/31/2016 YTD	Actual 3/31/2016 YTD	Budget Difference (over)/under	Actual 3/31/2015 YTD	Actual Difference (over)/under
OVERTIME					
<i>Supply, Power and Pumping</i>	\$ 23,750	\$ 23,877	\$ (127)	\$ 13,176	\$ (10,701)
<i>Purification</i>	\$ 33,750	\$ 33,590	\$ 160	\$ 37,713	\$ 4,123
<i>Transmission/Distribution</i>	\$ 75,000	\$ 96,699	\$ (21,699)	\$ 102,380	\$ 5,681
<i>Sewer Services</i>	\$ 10,000	\$ 13,605	\$ (3,605)	\$ 19,003	\$ 5,398
<i>Pumping Stations</i>	\$ 2,500	\$ 282	\$ 2,218	\$ 3,686	\$ 3,404
TOTAL	\$ 145,000	\$ 168,053	\$ (23,053)	\$ 175,958	\$ 7,905
Percentage			-16%		4.5%
DUE FROM THE CITY OF ALBANY					
	3/31/2016				
	\$ 10,162,987				

budget OT\$ weekly OT\$

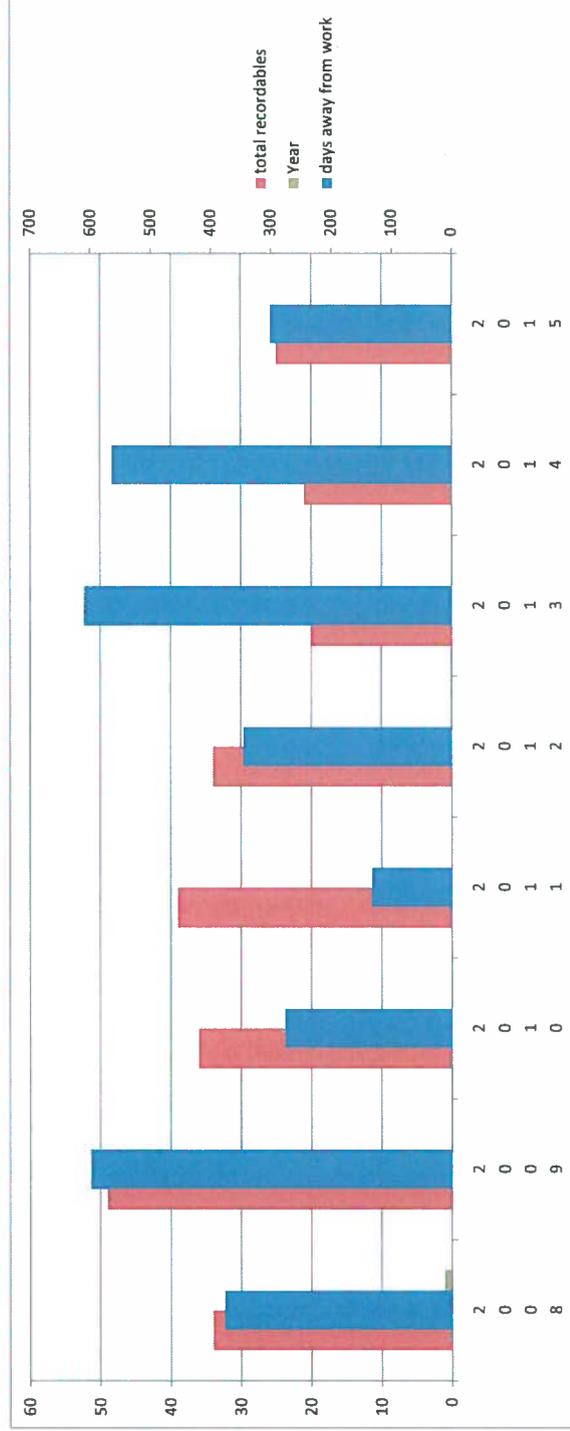
week

week	budget OT\$	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	
16	\$10,943	
17	\$10,943	
18	\$10,943	
19	\$10,943	
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44	\$10,943	
45	\$10,943	
46	\$10,943	
47	\$10,943	
48	\$10,943	
49	\$10,943	
50	\$10,943	
51	\$10,943	
52	\$10,943	
53	\$10,943	



OSHA 300 annual trends

Year	deaths	cases with days away from work	cases with job transfer or restriction	number of other recordables	total recordables	number days away from work	number days job transfer or restriction	injuries	skin disorders	respiratory conditions	poisonings	hearing loss	all other illnesses
2008	0	17	0	17	34	377	0	32	0	0	0	0	2
2009	0	17	0	32	49	599	0	44	1	2	0	0	2
2010	0	12	0	24	36	276.5	0	35	0	0	0	0	1
2011	0	7	0	32	39	133	0	34	1	0	0	0	4
2012	0	12	0	22	34	346	0	31	0	0	0	0	3
2013	0	9	0	11	20	610	0	17	0	0	0	0	3
2014	0	11	0	10	21	564	0	25	0	0	0	0	0
2015	0	13	0	12	25	301	0	23	2	0	0	0	0



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Experience you can rely on

A name you can trust

April 12, 2016

Mr. William D. Simcoe, P.E.
Deputy Commissioner, Water & Water Supply
10 North Enterprise Drive
Albany, NY 12204

Letter Proposal

Re: Letter Proposal Responsible Operator and Other selected duties

Dear Mr. Simcoe;

I would like to thank you and Joe Coffey, Commissioner of Water and Water Supply for giving DCK Services LLC the opportunity to submit this letter proposal for the operational oversight of your water treatment plant and associated systems.

It was a pleasure to meet with you and Joe on the 15th of March and to get such an in-depth tour of the Albany water treatment plant. I was impressed by the level of knowledge shown by the operations staff and the input that they all seem to have with regard to the operation of the facility.

There were a large number of tasks that we discussed during the meeting and tour with regard to the abilities of DCK Services LLC and with my water operator license in particular. The intent of this letter proposal is to address those tasks as we have shared in recent email correspondence.

DCK Services LLC would like to offer our services for operations oversight and other specific tasks at the water treatment plant as well as other portions of the water system. Our proposed Scope of Services follows:

SCOPE OF SERVICES:

(A) Water Treatment Plant- Operational Oversight, Responsible Operator in Charge-

DCK Services LLC will provide a properly licensed water treatment operator (1A Operator) to act as the "Responsible Operator in Charge", as required by the NYS Department of Health, at the water treatment facility owned by the City of Albany. Don Coalts will perform the Operational Oversight of the operators at the water plant and he will gather the treatment plant data collected from the SCADA system and prepare the Monthly Operations Report (MOR) as required by the regulations. It would be essential for Don to have remote access to the SCADA system for the water plant to check in on the plant from time to time from the DCK Services Offices. Once the data has been verified, sorted and placed in proper report form, the report will be signed by Don and transmitted to the Health Department within the proper time frame.

(B) Water Treatment Plant and Water System Identified Tasks:

We propose to address the items discussed during our meeting and subsequent correspondence in the following manner:

1. Evaluation of Organizational Structure and/if- how to improve.
This task of the project will involve some onsite work with regard to understanding the various components of the department, staff make-up and how they interact currently. Gathering mapping, building/system layout for interaction in the future. Vehicle allocation and maintenance is important to the future department layout
 - a. *Time associated with this task- estimate 24 hours onsite gathering of information; estimate 40 hours of DCK Services Office time to put the collected data in a presentable form and prepare a logical path forward. Total estimate of time for Task #1 is 64 hours of COO time.*
 - b. *It is also estimated that there will be 8 hours' travel time associated with Task #1.*
2. Mentor and train the new operators and help to update the current operations staff at the water treatment plant.
Initially, plan on one day every other week for the first Quarter of the mentoring/training sessions of the project.
 - a. *Time associated with this task- estimated at 48 hours onsite with staff members; estimate 12 hours of DCK Services Office time preparing for the training sessions and documenting the results of the various training sessions.*
 - b. *It is also estimated that there will be 15 hours' travel time associated with Task #2.*
3. Prepare and/or Update Safety Procedures throughout the facility and as assigned.
This task will be somewhat interactive with the staff as well as the items found in the preceding tasks (#1 and #2). There will probably be some follow-up onsite work but for the purposes of this letter proposal, we are only anticipating follow-up office time for the preparation and verification of the safety procedures in the department.

- a. Time associated with this task is only anticipated to be DCK Services Office time because most of the onsite work should be accomplished through tasks #1 and #2. The estimate of office time for this task is 10 hours.
 - b. There is no estimate for travel time associated with this task at this time.
4. Prepare SOP's (Standard Operation Procedures) utilizing Best Practice Methods for the various issues throughout the facility.

This task will naturally follow the preceding tasks in logical order. A great deal of the base information will be gathered throughout tasks #1- #3 but some other onsite data and information collection will be necessary. It is assumed that there are a large number of SOPs already in place but they will need to be reviewed and updated to the current situation. It is most likely that SOPs have developed over time and it would make sense to put them all in a logical progression as well as the interaction of the newly developed SOPs based upon the new-found information.

 - a. The time associated with this task is difficult to assess at this point in time but we are estimating that there will be an additional 20 hours of on-site time gathering the information and recording the same; estimate 40 hours of DCK Services office time reconfiguring and producing the new SOPs.
 - b. The estimate of travel time associated with this task is 6 hours.
5. Coordination with the operations/maintenance/lab staff members at the plant during the upcoming construction period and interaction with the contractors chosen for the work at the plant.

With the advent of upcoming construction projects at the plant and the displacement of the various components of the staff at the plant, there MUST be a detailed plan for daily operations at the plant once the construction work begins. The construction will greatly infringe upon the daily activities of all members of the staff and a plan to keep performance at its optimal level must be presented and followed. A large part of the information necessary to produce this interaction plan will be gathered early on in the project but there will be some time onsite associated with the implementation of the devised plan by the operators, the maintenance staff and the lab personnel.

 - a. The time associated with this task is estimated to include 32 hours onsite; estimate 8 hours of DCK Services Office time following up on any changes necessary and documentation of the completed plans.
 - b. The estimated travel time associated with this task is 6 hours.
6. Coordination of the Full Staff at the Water Treatment Plant.

There should be no additional time or visits associated with this task. It can be included with the implementation of tasks #2, #4 and #6.

 - a. There will be NO additional time associated with this task.
 - b. There will be NO travel time associated with this task.
7. Coordination of the staff at the Reservoir, other plant(s), distribution and any other staff in the department (inside and outside the fence).

Most of the work will have been accomplished for this task but there will be some additional implementation time necessary for the areas outside the water plant; mostly coordination with the additional staff members and addressing any concerns that might come up in regard to the implementation of the suggested path for the department.

 - a. The time on-site for this task is estimated to be 24 hours; the estimate for DCK Services Office time is expected to be small at 4 hours.
 - b. The estimated Travel Time for this task is estimated at 6 hours.

8. Plan for the implementation steps involved in the various items found in the coordination efforts initially for a 90-day start-up period then follow the next logical step in the team building process, etc.

This task will involve the need to prepare, write and formalize a written outline and plan for the implementation of tasks #5, #6, and #7 as well as including anything that should be included from task #1. There will be a rather large amount of task coordination associated with the finalizing of this task and the report that it will generate.

- a. There is no time estimated onsite for this task; the DCK Services Office time is estimated to be 24 hours in order to write the report including all the changes and alterations needed to address the whole staff idea. This should be written as a plan that could change or be addressed every 90 days or so for correctness.
 - b. Travel time is estimated to be zero for this task.
9. Assist in the planning and implementation of the various changes needed in order to address the possible changes in the chemical feeding processes at the water treatment plant.

This task has a number of unknowns at the time of the writing of this letter proposal. The exact chemical feeder changes have not yet been identified. A great deal of the ambiguity will be taken away when the preceding tasks are completed. In order to address this request we are anticipating a few days of onsite work and then some DCK Office time to research and write reports for staff implementation and incorporation into the new SOPs and other items addressed in the preceding tasks.

- a. The time estimated onsite for this task is 24 hours; estimated DCK Services Office time is 16 hours for this task.
- b. Travel time is estimated to be 6 hours for this task.

Please note that these tasks were identified as a stepping off point to get the overall department addressed. We believe a great deal of the items when completed, will become part of the Standard Operating Procedures for the department. It is anticipated however, that there may be some items that will need further evaluation and/or updating as time progresses and the changes are implemented.

DCK Services will be available to assist with any further changes or additions that may become necessary in the future. We will hold our pricing for the duration of one year from the date of a signed agreement between the Albany Water Department and DCK Services LLC.

PROFESSIONAL FEES;

For Paragraph (A)-

DCK Services LLC will provide a NYS DOH Licensed Operator with a 1A Operator's License to act as the Responsible Operator in Charge for a flat monthly fee of \$750 per month.

For Paragraph (B)-

DCK Services LLC has provided a breakdown of the estimated hours for the tasks described in the associated Scope of Services shown above.

The hourly costs are as follows:

- Onsite hourly rate is \$55 per hour.
- Office hourly rate is \$45 per hour.
- Travel time rate is \$25 per hour.

Based upon these rates the estimated costs are as follows:

- Onsite Estimated costs total \$9,460.
- Office Estimated costs total \$6,930.
- Travel Time costs total \$1,175.

If you find this Letter Proposal to be acceptable, please sign at the appropriate location below. We have signed as the proposer and this document will serve as our agreement.

If you have any questions, please let me know. Thank you.

Yours truly,

Don Coalts
Chief Operations Officer
DCK Services LLC

EC: file

Accepted by: _____ Date: _____
Albany Water & Water Supply

Proposed by:  Date: 4/15/2016
DCK Services LLC



March 25, 2016

Mr. Joseph E. Coffey, Jr., PE, Commissioner
City of Albany
Department of Water and Water Supply
10 North Enterprise Drive
Albany, New York 12204

RE: Task Order No. 5: Employee and Public Space Improvements
FILE: 11466/PDS #40729

Dear Joe:

O'Brien & Gere, Engineers, Inc. (OBG) is pleased to submit this Task Order Proposal to provide design, bid and construction phase engineering services for improvements to the employee occupied and public areas of the Feura Bush Water Treatment Plant. This Task Order Proposal is submitted in connection with the Agreement between the Albany Water Board (Albany Water) and OBG in connection with Professional Engineering Services, executed February 12, 2015.

To facilitate your review, this proposal is organized as follows:

- Project Understanding
- Scope of Services
- Assumptions and Clarifications
- Schedule
- Fee

PROJECT UNDERSTANDING

The Feura Bush Water Treatment Facility last underwent a major renovation in the 1990s. Today the facility has become outdated and is in need of repairs and updates. The current configuration of offices, control room, locker room and toilet facilities does not meet the needs of the current staff. Albany Water has a desire to update the interior configuration of the administration and lab areas to improve employee satisfaction as well as work flow within the building. The interior finishes have become outdated, show signs of deterioration and are in need of replacement.

The Feura Bush Water Treatment Plant has a steam distribution system for building heating. The heating system was originally designed such that two boilers, each sized for the full load capacity, were available to the facility to supply the required heating and provide redundancy. More recently, one boiler was discovered to be faulty and subsequently removed from service. The facility has been operating without redundancy in the meantime. In light of the age and continuous repairs required to the remaining boiler, the existing steam system is to be replaced with a new heating system.

This project is expected to include the following:

- Improvements to the employee and public space areas, as shown on the attached General Arrangement Drawings. As part of Task Order No. 4 (Employee and Public Space Programming), OBG developed a list of recommended interior improvements and prepared general arrangement drawings that depict the proposed configuration for the updated area. A copy of the final general arrangement drawings (dated 12/14/2015) are attached, and will be used as the basis for design of the improvements.
 - » The interior improvements will include modifications 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. This will require work beyond the office and lab areas to replace the existing steam distribution piping and accessories in other areas of the facility. For replacement of existing equipment, the intent is to replace in kind, with hot water heating equipment. Spaces that are currently heated and are included in the heating system replacement are: Settling Basins, Filter Building, Aeration Building, Administration Building, Laboratory, Wash Water Room, Chemical Building and Garage.
- The existing fuel storage tank is showing signs of age, including rust on the exterior. This project will include an evaluation of available options and applicable code requirements. The deliverable will be a technical memorandum, including a recommended scope of work for the tank replacement. Design of the replacement is not included in this task order.

SCOPE OF SERVICES

OBG recommends proceeding with the following scope of services:

Task 1 – Data Collection

During this task OBG will prepare an information request for the City. This task will also include a site visit to the Feura Bush Water Treatment Facility.

As part of this task, a list will be developed to identify specific equipment to remain, specific equipment to be purchased by Albany Water and specific equipment to be provided under the construction contract (by contractor).

Task 2 – Design and Contract Documents

OBG will perform design and prepare detailed contract drawings and specifications for the recommended improvements in such form and detail as to permit public bidding under four separate prime construction contracts (General, Electrical, HVAC and Plumbing).

- One (1) meeting will be conducted with the City to discuss and review progress at approximately the 60% stage of design completion.
- The estimate of construction costs will be updated, based on the final (*i.e.*, as bid) contract documents.

Task 3 – Hazardous Materials Survey and Abatement Design

OBG will subcontract Atlantic Testing Laboratories, Limited to perform a hazardous materials survey and to prepare abatement design specifications and drawings for identified or assumed hazardous material-containing items. The primary hazardous materials targeted are asbestos, lead based paint, and polychlorinated biphenyls (PCB).

Task 4 – Bidding Assistance

OBG will provide assistance to the City during the bid period as follows:

- We anticipate that contract documents will be distributed to prospective bidders and vendors electronically, and that reproduction costs will be paid directly by the requesting contractors and vendors; this proposal

includes an allowance of \$1000 to cover website hosting fees and provide reproduction of paper documents for transmittal to the City.

- Prepare and distribute addenda to the contract documents (assume one addendum), if required to address questions received during the bid period. It is assumed that addenda will be distributed to plan holders electronically via email.
- Assist City in evaluating bids and in assembling and awarding contracts for the work.

For purposes of this proposal, we have assumed that no unusual circumstances occur during bidding, such as a bid protest, withdrawal of the low bidder, or similar occurrence. The Bidding phase will be considered complete upon commencement of the Construction phase.

Task 5 – Construction Support Services

OBG will provide support to the City during the construction phase as follows:

- *Pre-Construction Conference:* Participate in a Pre-Construction Conference prior to commencement of Work at the Site.
- *Schedules:* Receive, review, and determine the acceptability of schedules that Contractor is required to submit to Engineer, including the Progress Schedule, Schedule of Submittals, and Schedule of Values.
- *Clarifications and Interpretations; Field Orders:* Issue necessary clarifications and interpretations of the Contract Documents, as appropriate to the orderly completion of Contractors' work. Such clarifications and interpretations will be consistent with the intent of and reasonably inferable from the Contract Documents. Subject to any limitations in the Contract Documents, Engineer may issue field orders authorizing minor variations in the Work from the requirements of the Contract Documents.
- *Change Orders and Work Change Directives:* Recommend change orders and work change directives to the Owner, as appropriate, and prepare change orders and work change directives as required. Change orders included in the base scope are limited to those necessary for completing the project in accordance with the design intent.
- *Shop Drawings and Samples:* Review or take other appropriate action in respect to Shop Drawings and Samples and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. Engineer will meet Contractor's submittal schedule that Engineer has accepted. Engineer will provide Owner with electronic (PDF) copies of all reviewed shop drawings and other submissions of the contractors, for its records.
- *Contractor's Completion Documents:* Receive, review, and transmit to Owner maintenance and operating instructions, schedules, guarantees, bonds, certificates or other evidence of insurance required by the Contract Documents, certificates of inspection, tests and approvals, Shop Drawings, Samples and other data, and transmit the annotated record documents which are to be assembled by Contractor in accordance with the Contract Documents to obtain final payment.
- *Substantial Completion:* Promptly after notice from Contractor that Contractor considers the entire Work ready for its intended use, in company with Owner and Contractor, visit the Project to determine if the Work is substantially complete. If after considering any objections of Owner, Engineer considers the Work substantially complete, Engineer shall deliver a certificate of Substantial Completion to Owner and Contractor.

- *Record Drawings:* Prepare Record Drawings showing appropriate record information based on Project annotated record documents received from Contractor, and furnish such Record Drawings to Owner.
- *Duration of Construction Phase:* The Construction Phase will commence with the execution of the first Construction Contract for the Project or any part thereof and will terminate upon written recommendation by Engineer for final payment to Contractors. If the Project involves more than one prime contract, then Construction Phase services may be rendered at different times in respect to the separate contracts. Engineer will be entitled to an equitable increase in compensation if Construction Phase services (including Resident Project Representative services, if any) are required after the original date for completion and readiness for final payment of Contractor as set forth in the Construction Contract.
- *Limitation of Responsibilities:* Engineer will not be responsible for the acts or omissions of any Contractor, Subcontractor or Supplier, or other individuals or entities performing or furnishing any of the Work, for safety or security at the Site, or for safety precautions and programs incident to Contractor's Work, during the Construction Phase or otherwise. Engineer will not be responsible for the failure of any Contractor to perform or furnish the Work in accordance with the Contract Documents.

Task 6 – Construction Observation

Engineer will furnish an Inspector to assist Engineer in observing progress and quality of the Work. It is anticipated that inspection will be provided on a part time basis of approximately 20 hours/week for 6 months, for a total of 516 hours.

Through the Inspector's observations of Contractors' work in progress and field checks of materials and equipment, Engineer will endeavor to provide further protection for Owner against defects and deficiencies in the Work. However, Engineer will not, during field checks or as a result of Inspector observations of Contractor's work in progress, supervise, direct, or have control over Contractor's Work, nor will Engineer have authority over or responsibility for the means, methods, techniques, sequences, or procedures of construction selected or used by any Contractor, for security or safety at the Site, for safety precautions and programs incident to any Contractor's work in progress, or for any failure of a Contractor to comply with Laws and Regulations applicable to such Contractor's performing and furnishing of its work. The Engineer neither guarantees the performances of any Contractor nor assumes responsibility for Contractor's failure to furnish and perform the Work in accordance with the Contract Documents.

ASSUMPTIONS AND CLARIFICATIONS

Our proposal reflects the following assumptions and clarifications:

- No structural improvements are required.
- Design of dehumidification systems is not included.
- No requirements for process heating from the existing heating system.
- The majority of process areas are currently served by unit ventilators (steam make-up air units) and unit heaters; it is assumed that this type of equipment is suitable and sufficient for the new installation.
- The intent of the heating system replacement is to replace the existing equipment generally in kind with similarly rated equipment, using hot water (hydronic) heating equipment.
- No construction air monitoring is included.

We welcome the opportunity to discuss any of these assumptions and clarifications with you.

SCHEDULE

OBG will commence the above services immediately upon receipt of written authorization from the City. We anticipate that work can begin immediately upon approval of this Proposal. We anticipate conducting the project in accordance with the following schedule:

Milestone or Deliverable	Target Date
Receive authorization to proceed	April 1, 2016
Issue 60% contract drawings and contract documents	June 3, 2016
Issue final contract drawings and contract documents	July 22, 2016
Advertise for bids	July 27, 2016
Start construction	September 2016

This schedule will be referenced regularly and updated as necessary throughout design, to ensure that the project proceeds in a coordinated fashion, and that all parties are sensitive to schedule-critical activities and issues.

FEE

OBG proposes to perform the scope of services presented in this proposal for a not-to-exceed fee of \$275,000. A summary of this fee itemized by task is provided below:

Task/Description	Budget
Task 1 – Data Collection	\$ 3,500
Task 2 – Design and Contract Documents	\$163,000
Task 3 – Hazardous Materials Survey and Abatement Design	\$ 15,000
Task 4 – Bidding Assistance	\$ 8,000
Task 5 – Construction Support Services	\$ 45,000
Task 6 – Construction Observation	\$ 40,500
Total	\$275,000

Services will be invoiced based on scheduled hourly billing rates plus expenses and subcontracted services, in accordance with our Professional Engineering Services Agreement. We anticipate that this project will be invoiced under PO #15-0000859.

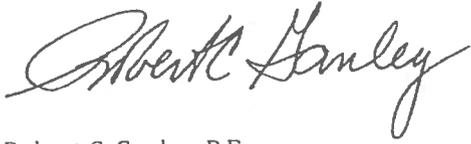
If this Task Order proposal meets your approval, please countersign and return one copy of this proposal to signify Albany Water's acceptance and serve as OBG's authorization to proceed.

We appreciate the opportunity to develop our professional relationship with Albany Water and look forward to working on this important project. If you have any questions, please do not hesitate to contact Brian Edwards at 724-7257 or me at (315) 956-6224.

Mr. Joseph E. Coffey, Jr., PE, Commissioner
March 25, 2016
Page 6

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.



Robert C. Ganley, P.E.
Vice President

Proposal accepted,

CITY OF ALBANY

_____ Date: _____
Authorized Signature

cc: Brian G. Edwards, PE, O'Brien & Gere
Stephen D. Delano, PE, O'Brien & Gere
Richard E. Gell, PE, O'Brien & Gere

Attachments

- General Arrangement Plans – Employee and Public Space Programming (12/14/2015)

I:\Albany C 11466\BD\40438 WTP Employee Space Modifications\C Albany_Task 3_Accessibility & Employee Improvements proposal.doc

Number	Name	Area
FIRST FLOOR		
101	LOBBY	199.5F
102	PASSAGE	50.5F
103	CORRIDOR	104.9F
104	GENERAL OFFICE	795.9F
105	CONFERENCE AREA	103.5F
106	CONFERENCE AREA	103.5F
107	MENS VESTIBULE	53.5F
108	MENS LOCKERS	181.5F
109	MENS TOILET	17.5F
110	LUNCH ROOM	187.5F
111	SAMPLE ROOM	36.5F
112	CONTROL ROOM	140.5F
113	WORKERS VESTIBULE	51.5F
114	WORKERS LOCKERS	181.5F
115	WORKERS TOILET	17.5F
MEZZANINE		
116	STORAGE	276.4F

Department Legend

- CIRCULATION
- CONTROLS
- LABORATORY
- OFFICE
- SERVICE
- STORAGE



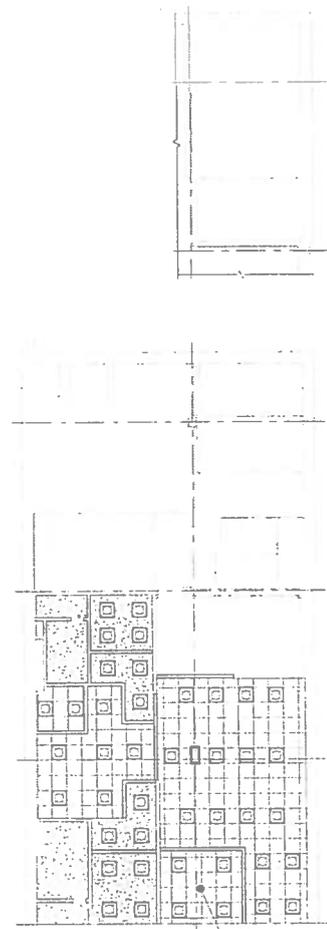
FIRST FLOOR PLAN
1/8" = 1'-0"

NEW FLOOR, WALL AND DOOR FINISHES TO BE PROVIDED IN ROOMS, 101, 104, 105, 106, 107, 108, 109, 110, 111, 11, 114, AND 115.

*ADDITIONAL ROOM TO BE PROVIDED BELOW FIRST FLOOR FOR IT CLOSET

MEZZANINE FLOOR PLAN
1/8" = 1'-0"

NEW FLOOR, WALL AND DOOR FINISHES TO BE PROVIDED IN ROOM.



NEW CEILING, LIGHTS, AND MECHANICAL EQUIPMENT TO BE PROVIDED IN AREAS TO BE RECONFIGURED.

FIRST FLOOR CEILING PLAN
1/8" = 1'-0"

MEZZANINE FLOOR PLAN
1/8" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION
DATE 12/14/15

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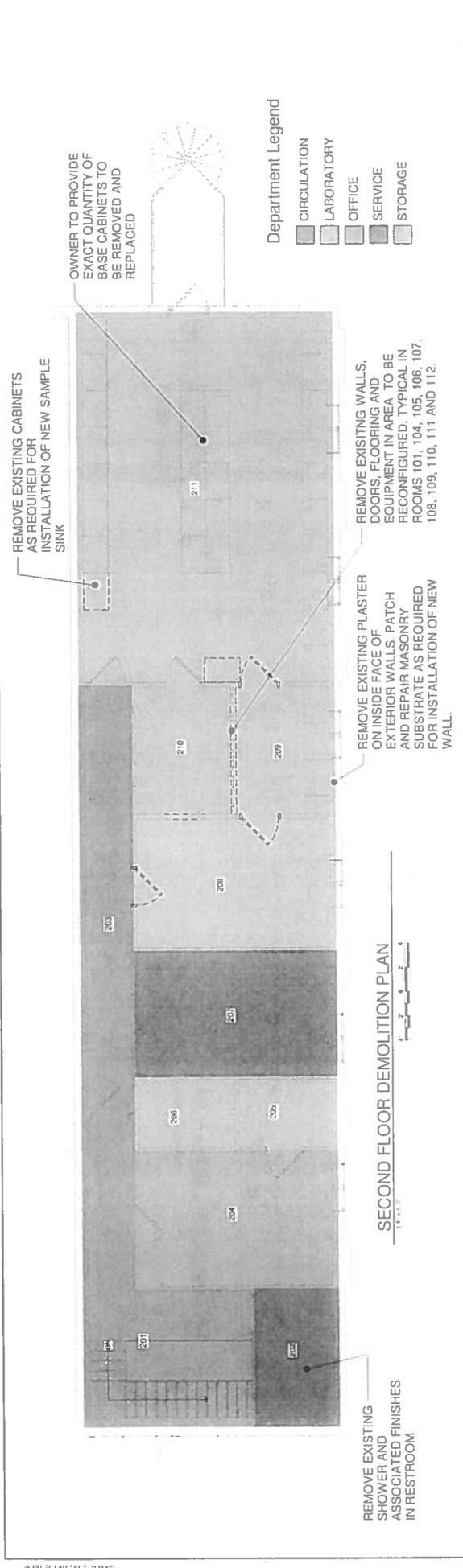
DESIGNED BY	A. WOODS
CHECKED BY	A. WOODS
DATE	12/14/15

ORRERA & GERE ENGINEERS INC

CITY OF ALBANY DEPT. OF WATER & WATER SUPPLY
EMPLOYEE AND PUBLIC SPACE PROGRAMING
10 NORTH ENTERPRISE DRIVE
ALBANY, NEW YORK 12204

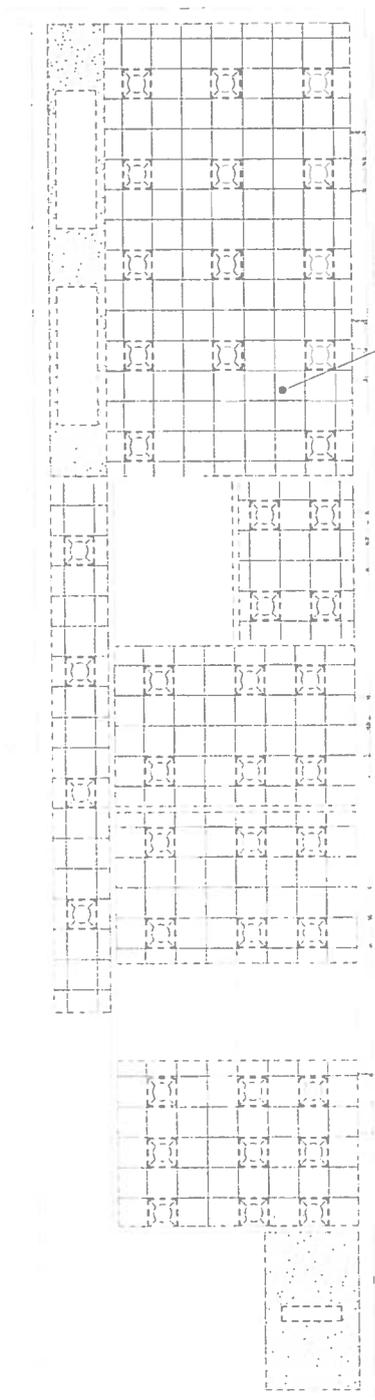
ARCHITECTURAL
CHEMICAL BUILDING
FLOOR PLANS

FILE NO	91784-A102
DATE	DEC 2015
A-102	



Second Floor Room Area Schedule

Number	Name	Area
EXISTING SECOND FLOOR		
200	STAIR	131 SF
202	TOILET	64 SF
203	CORRIDOR	129 SF
204	OFFICE	174 SF
205	STORAGE	42 SF
207	KITCHEN	44 SF
208	RESTROOM	168 SF
209	MICROSCOPIC ROOM	79 SF
210	STORAGE	82 SF
211	CHEMICAL LABORATORY	597 SF



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CONSTRUCTION
DATE 12/14/15

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IN CHARGE OF	L. WOODS	DATE	12/14/15
DESIGNED BY	A. MERRIAM	CHECKED BY	M. COSTER
DRAWN BY	A. MERRIAM	DATE	12/14/15

G
CURREN & GERB ENGINEERS, INC.

CITY OF ALBANY DEPT. OF WATER & WATER SUPPLY
EMPLOYEE AND PUBLIC SPACE PROGRAMMING
10 NORTH ENTERPRISE DRIVE
ALBANY, NEW YORK 12204

ARCHITECTURAL
LAB AREA

DEMOLITION PLANS

FILE NO. 81764-A10J
DATE DEC 2015
A-103

PROVIDE NEW SAMPLE SINK
PER OWNERS REQUIREMENTS

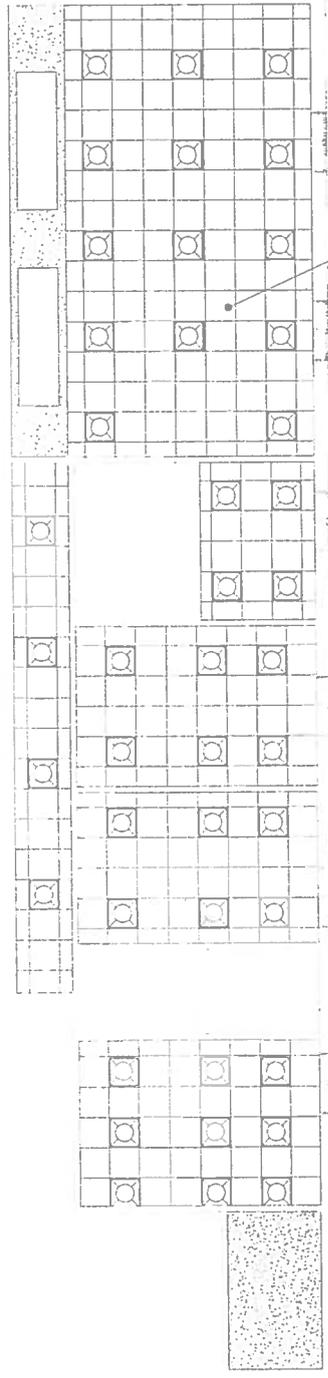


PROVIDE NEW WATERPROOF
MEMBRANE, FURRING AND GWB
ON INTERIOR FACE OF
EXTERIOR WALLS.

PROVIDE NEW
FUMEHOOD AND
BASE CABINET

PROVIDE ADDITIONAL
CABINETS AND
COUNTERTOPS AS
DIRECTED PER OWNER

LAB AREA SECOND FLOOR PLAN
1/4" = 1'-0"



PROVIDE NEW CEILING, LIGHTS
AND MECHANICAL EQUIPMENT
IN AREA TO BE
RECONFIGURED.

SECOND FLOOR CEILING PLAN
1/4" = 1'-0"

PRELIMINARY
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CONSTRUCTION
DATE: 02/14/15

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IN CHARGE OF	L. WOODS	DATE	02/14/15
DESIGNED BY	A. KERRAN	DATE	02/14/15
CHECKED BY	M. GORTON	DATE	02/14/15
DRAWN BY	A. KERRAN	DATE	02/14/15



OBBREY & GERE ENGINEERS, INC.
10 NORTH ENTERPRISE DRIVE
ALBANY, NEW YORK 12204

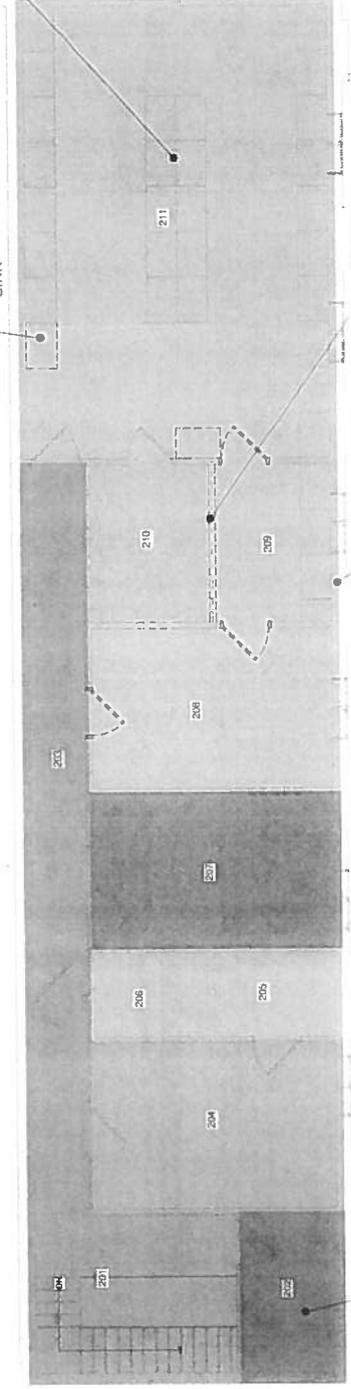
CITY OF ALBANY DEPT. OF WATER & WATER SUPPLY
EMPLOYEE AND PUBLIC SPACE PROGRAMMING
10 NORTH ENTERPRISE DRIVE
ALBANY, NEW YORK 12204

ARCHITECTURAL
LAB AREA
FLOOR PLANS

FILE NO	61784-A104
DATE	DEC 2015

A-104

REMOVE EXISTING CABINETS AS REQUIRED FOR INSTALLATION OF NEW SAMPLE SINK



REMOVE EXISTING SHOWER AND ASSOCIATED FINISHES IN RESTROOM

SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

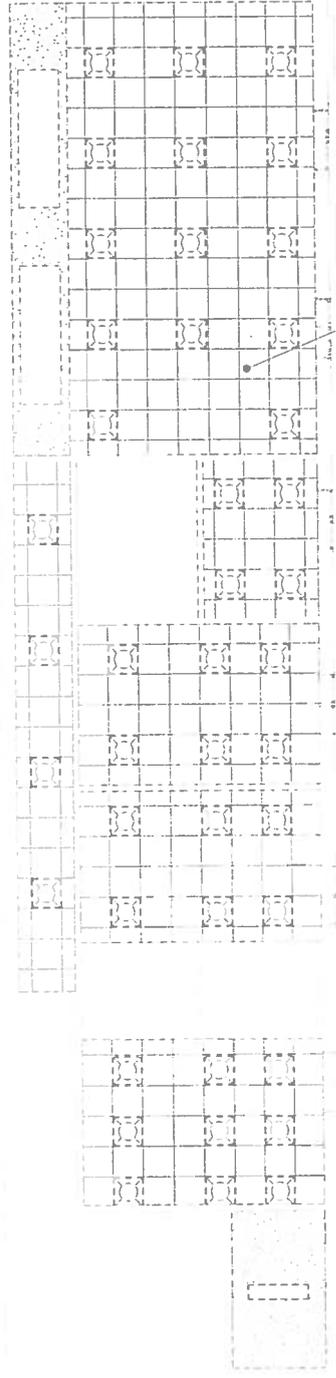
- Department Legend**
- CIRCULATION
 - LABORATORY
 - OFFICE
 - SERVICE
 - STORAGE

OWNER TO PROVIDE EXACT QUANTITY OF BASE CABINETS TO BE REMOVED AND REPLACED

REMOVE EXISTING WALLS, DOORS, FLOORING AND EQUIPMENT IN AREA TO BE RECONFIGURED. TYPICAL IN ROOMS 101, 104, 105, 106, 107, 108, 109, 110, 111 AND 112.

REMOVE EXISTING PLASTER ON INSIDE FACE OF EXTERIOR WALLS, PATCH AND REPAIR MASONRY. SUBSTRATE AS REQUIRED FOR INSTALLATION OF NEW WALL.

REMOVE EXISTING CEILING, GRID, LIGHTS, MECHANICAL EQUIPMENT AND ADDITIONAL EQUIPMENT LOCATED ABOVE THE CEILING IN AREA TO BE RECONFIGURED.



SECOND FLOOR DEMOLITION CEILING PLAN
1/8" = 1'-0"

Second Floor Room Area Schedule		
Number	Room	Area
EXISTING SECOND FLOOR		
201	STAIR	197 SF
202	TOILET	84 SF
203	CORRIDOR	129 SF
204	OFFICE	174 SF
205	STORAGE	42 SF
206	KITCHEN	14 SF
207	PLASTER	120 SF
208	PLASTER	120 SF
210	STORAGE	10 SF
211	CHEMICAL LABORATORY	997 SF

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CONSTRUCTION
DATE 12/14/15

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IN CHARGE OF	L. WOODS
DESIGNED BY	A. KENNAM
CHECKED BY	A. GOTTEN
DRAWN BY	A. KENNAM
DATE	12/14/15

O'BRIEN + GERE ENGINEERS, INC.

CITY OF ALBANY DEPT. OF WATER & WATER SUPPLY
EMPLOYEE AND PUBLIC SPACE PROGRAMING
10 NORTH ENTERPRISE DRIVE
ALBANY, NEW YORK 12204

ARCHITECTURAL
LAB AREA
DEMOLITION PLANS

FILE NO. 61784-A103
DATE DEC 2015
A-103

ALBANY CITY WATER BOARD
 CAPITAL IMPROVEMENTS
 4/22/2016 Summary

Project	2016 Proposed Budget	Status	Vendor	Asset	Invoice Date	Amount Spent to Date	Description of Project
Supply Reservoir	\$ 325,000					\$ -	
Supply Conduit	\$ 90,000					\$ -	
Fuera Bush Filtration Plant	\$ 310,000					\$ -	
Distribution System	\$ 400,000					\$ -	
Loudonville Reservoir	\$ 365,000					\$ -	
Pumping Stations - Water	\$ 130,000					\$ -	
Engineering Fees-Water	\$ 100,000	OPEN	Arcadis	Engineering Service	3/28/2016	\$ 6,311	Engineering Services Water
		OPEN	O'Brien	Engineering Service	3/9/2016	\$ 2,729	Engineering Services Water
Erie Blvd Facility	\$ 100,000					\$ -	
Contingency - Water	\$ 75,000					\$ -	
Computers/ Meters	\$ 400,000					\$ -	
Sewer Separation	\$ 50,000					\$ -	
Sewer Rehabilitation	\$ 155,000	Closed	Kenyon Pipeliner	Cured in Place Pipe relining	3/8/2016	\$ 1,500	
		OPEN	CHA	Elberon Place Flood Mitigation Study		\$ 1,500	
			Barton and Loguidice	N Swan St GIP		\$ -	
Pumping Stations	\$ 225,000					\$ -	
Engineering Fees-Sewer	\$ 100,000					\$ -	
Contingency - Sewer	\$ 100,000					\$ -	
Overflows	\$ 75,000					\$ -	

2016 Budgeted Capital Improvements \$ 3,000,000

Invoiced \$

Total 2016 Capital Improvements
 Less: Open Projects 2015
 Completed 2016 Projects

423,060

**Albany Water Board
Arcadis Engineering Report
Date: April 22, 2016**

Upcoming LTCP Projects\Dates

- **Big “C” Control Facility** – The project was awarded to the Albany Pool Joint Venture Team. Completed Preliminary Design Report is due 8/1/2016. Project is underway.
- **Performance of a Codes and Local Law Review, & Green Infrastructure Technical Design Guidance** - CDRPC awarded a contract to Barton & Loguidice. Local Law completion date is 8/1/2016, Technical Design Guidance by 8/1/2017.
- **Marietta Place Stormwater Storage Facility** – AWB has been discussing alternatives for project location and scope with Barton & Loguidice. Completed plans and specifications due by 10/1/2016.
- **Green Infrastructure Banking System Feasibility Assessment.** Awarded to Arcadis. Work must be completed by 8/1/2017.

Arcadis Projects

- **Green Infrastructure Banking System Feasibility Assessment**
- **NYSDERDA FlexTech Grant** – Grant awarded. Project will include energy evaluation at the Feura Bush filtration plant and repairs.
- **CIP Projects** – Sewer condition assessment, erosion problems, Feura Bush repairs.
- **Geographic Information System (GIS) Data Integration** – Next phase GIS mapping has begun. Arcadis is digitizing about 150 sewer system maps to GIS.
- **Asset Management Program** – Development of an Asset Management Plan. Some components will include establishing levels of service, key performance indicators, and risk.
- **Long Term Control Plan Schedule of Compliance** – Monitoring deadlines and costs

RESOLUTION NO. 16-16

April 22, 2016

RESOLUTION AUTHORIZING TASK ORDER #5 TO THE MASTER SERVICES AGREEMENT WITH O'BRIEN & GERE ENGINEERS, INC.

WHEREAS, the Albany Water Board is a local authority established under the New York State Public Authorities Law; and,

WHEREAS, the Albany Water Board has the authority to authorize the awarding of Task Orders; and,

WHEREAS, there was a Master Services Agreement executed on February 12, 2015 with O'Brien & Gere Engineers, Inc.;

NOW, THEREFORE, BE IT RESOLVED, the Albany Water Board authorizes the awarding of Task Order #5 for design, bid, and construction phase services and public space improvements at the Feura Bush Water Treatment Plant for a fee not to exceed \$275,000 in accordance with the scope of services outlined in the proposal dated March 26, 2016 to the aforementioned Master Services Agreement,.

The adoption of the Resolution was duly put to a vote on roll call, which resulted as follows:

David R. McGuire	VOTING	 (Aye)
William M. Clay	VOTING	
Daniel R. Ranellone	VOTING	 (Aye)
Charles G. Houghton III	VOTING	 (Aye)
Rachel M. Johnson	VOTING	 (Aye)

The foregoing Resolution was thereupon declared duly adopted.

RESOLUTION NO. 16-17

April 22, 2016

RESOLUTION AUTHORIZING CHAIRMAN TO EXECUTE DOCUMENTS
ASSOCIATED WITH THE ACCEPTANCE OF A PERMANENT EASEMENT

WHEREAS, the Albany Water Board is a local authority established under the New York State Public Authorities Law; and,

WHEREAS, the Albany Water Board has the authority to authorize the Chairman to enter into agreements and execute documents on behalf of the Albany Water Board; and,

WHEREAS, a permanent easement is needed to provide ingress and egress for the purpose of installation, operation, maintenance, repair, and replacement of a water main, which serves properties at No. 1385 Washington Avenue and No. 1389 Washington Avenue, Albany, New York; and,

NOW, THEREFORE, BE IT RESOLVED, the Albany Water Board authorizes Chairman, David R. McGuire, authority to execute documents associated with the acceptance of the aforementioned permanent easement.

The adoption of the Resolution was duly put to a vote on roll call, which resulted as follows:

David R. McGuire

VOTING

 (Aye)

William M. Clay

VOTING

Daniel R. Ranellone

VOTING

 (Aye)

Charles G. Houghton III

VOTING

 (Aye)

Rachel M. Johnson

VOTING

 (Aye)

The foregoing Resolution was thereupon declared duly adopted.