WESTCHESTER JOINT WATER WORKS

Pre-Meeting Packet

For

Tuesday, January 26, 2021 at 3:30 p.m.

Board Meeting

NOTICE OF MEETING

WESTCHESTER JOINT WATER WORKS
BOARD OF TRUSTEES
MEETING

The Westchester Joint Water Works Board of Trustees Meeting has been scheduled for:

DATE:	**January 26, 2021**
DAY:	**Tuesday**
TIME:	**3:30 p.m.**
LOCATION:	**Westchester Joint Water Works** **1625 Mamaroneck Avenue** **Mamaroneck, NY 10543**

Due to coronavirus concerns and in accordance with the Governor's Executive Order 202.1, the public will be able to attend the meeting remotely through an audio conference – access information to be provided in advance of the meeting on WJWW's website, www.wjww.com

If you have any questions, please call (914) 698-3500, extension 610.

WESTCHESTER JOINT WATER WORKS
BOARD OF TRUSTEES MEETING AGENDA

Tuesday, January 26, 2021 at 3:30 p.m.
In
Main Office Conference Room

Due to coronavirus concerns and in accordance with the Governor's Executive Order 202.1, the public will be able to attend the meeting remotely through an audio conference – access information to be provided in advance of the meeting on WJWW's website, www.wjww.com and can also be accessed via the Zoom link below:

Join Zoom Meeting
https://zoom.us/j/92913064695?pwd=eVV5VGRzMFQwRGx6MnZQazVVaklJdz09

Meeting ID: 929 1306 4695
Password: 002934

Dial by your location: +1 929 205 6099 US (New York)

I. **APPROVAL OF MINUTES**
- January 12, 2021 Board Meeting

II. **FINANCIAL REPORTS AND APPROVALS**
- Bank Balances
- Approval of Claims
- General Administration
  - 2021 Distribution System Materials Bid
  - 2021 Paving & Fill Materials Bid
  - UV Facility Construction and Electrical Bids
  - Project A-1366 - Anderson Hill Road Meter/PRV Vault - Engineering Proposal (Wasp Engineering)
  - Howard Avenue: Replacement of Compromised/Undersized Water Main (VOM Local Capital Project) and Associated Engineering Proposal (Wasp Engineering)
  - Rye Lake Filtration Plant

III. **OLD BUSINESS**
  - Project Updates

IV. **MANAGER'S REPORT**

V. **NEW BUSINESS**

VI. **CONSIDERATION OF EXECUTIVE SESSION**

VII. **DATE OF NEXT MEETING** - TBD

WESTCHESTER JOINT WATER WORKS
Board of Trustees Meeting
Tuesday, January 12, 2021 at 3:30 p.m.

The meeting was called to order at 3:35 p.m. with the following members present (via video conference):

Present:

- Trustees: Ron Belmont, Tom Murphy, Nancy Seligson,
- Lori Lee Dickson, General Counsel
- Paul Kutzy, Manager
- Frank Arcara, Chief Water Treatment Plant Operator 1-B
- Jacqueline Briggs, Assistant Civil Engineer
- Zach Wasp, Junior Civil Engineer

Approval of Minutes

Trustee Murphy made a motion to approve the minutes of the December 15, 2020 Board meeting. Trustee Belmont seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

Financial Reports and Approvals

The Manager reviewed bank balances and presented claims to the Board highlighting significant items, among them: NYC Water Purchases, Payroll & Related Items, NYSHIP Monthly Health Insurance Premium, and a VOM Local Capital Project.

Approval of Claims: Trustee Murphy made a motion to approve 167 claims totaling $1,187,044.00. Trustee Belmont seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

General Administration:

- Election of Officers: Trustee Belmont made a motion to approve the unanimous elections to keep the positions as currently held by the WJWW Trustees, as follows: Trustee Seligson as Chairperson WJWW, Trustee Belmont as Vice Chairperson WJWW and Trustee Murphy as Secretary/Treasurer WJWW. Trustee Murphy seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

- Approval of 2021 Board of Trustees Meeting Calendar: Trustee Murphy made a motion to approve the WJWW Board of Trustees Meeting Calendar for 2021 with meetings scheduled to take place on the 2nd and 4th Tuesdays of each month, with the exception of December, during which a single meeting is scheduled for Tuesday, December 14th. Any changes to the calendar will be noticed in advance of the affected meetings and the calendar as adopted, in its entirety, will be provided to the Reporter Dispatch for publication. Trustee Belmont seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

- Anderson Hill Road Wholesale Meter / Pressure Regulator Vault: A Joint Capital Project (A-1366) in the Town/Village of Harrison to install a Pressure Reducing Valve (PRV) and metering unit vault at the interconnection location at Anderson Hill Road (TVOH) with an estimated total cost of $507,000 (inclusive of subsurface investigations, construction, engineering, oversight and regulatory filings) was presented to the Board for approval. This project is part of larger plan to comply with New York City's Demand Management Program and will improve WJWW operations. Trustee Belmont made a motion to approve the Joint Capital Project (A-1366) at an estimated total cost of $507,000 to install a Pressure Reducing Valve (PRV) and metering unit vault at this interconnection location. Trustee Murphy seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

- Operational Technical Assistance and SCADA Contract: The Chief Water Treatment Plant Operator presented a proposal submitted by Woodard & Curran Engineering related to Operational Technical Assistance and SCADA Services. This contract is generally submitted on an annual basis but needs to be renewed earlier than usual because of the emergency work that was required related to the Rye Lake Booster Pump Station upgrade. Following review and discussion, Trustee Belmont made a motion to approve the proposal for a not-to-exceed amount of $95,000. Trustee Murphy seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

- Rye Lake Filtration Plant: General Counsel explained that consultant work is continuing on this project. She reminded the Board that a comprehensive submission was made to the NYSDEC Commissioner in regards to Lead Agency designation and that no formal action will be taken until the Commissioner makes a final determination. General Counsel then introduced planning, engineering and architecture consultants who planned a PowerPoint presentation for the Board to discuss their latest work related to the Draft Scope being developed for this project, which will eventually be used to develop the Draft Environmental Impact Statement. Valerie Monastra, Principal Planner and Adriana Beltrani, Environmental Planner, both with Nelson, Pope and Voorhis (planning), Eileen Feldman, Associate Vice President with Hazen and Sawyer (engineering) and John Fry and Jaclyn Tyler, both Principals with Nexus Creative Design (architects), were welcomed to the meeting. Ms. Monastra explained to the Board that the joint presentation is necessary in order to provide a clear message to the public.

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Ms. Feldman shared that Hazen has been hard at work on all design and engineering aspects of this project in regards to compliance with the State Environmental Quality Review Act (SEQRA) process. She provided schematics and provided an overview of the Dissolved Air Flotation/Filtration (DAFF) technology being proposed for this project. She explained that this technology is used throughout the Northeast and in other filtration plants throughout Westchester County. The overview contained details related to water pumping capacity of the plant (30 million gallon per day) and the overall footprint of the proposed physical plant (approximately one acre). Ms. Feldman also presented a Filtration Plant timeline regarding compliance history for the Long Term 2 Enhanced Surface Water Treatment Rule (LT2) and Surface Water Treatment Rule (SWTR), which highlighted actions taken by WJWW, New York State and County agencies and the United States Environmental Protective Agency (USEPA), dating back to 1999. Site Plan updates were also discussed including the mandatory relocation of the driveway from Tower Road to Purchase Street, as a result of FAA sensitivities. The new driveway location had to take into consideration the topographical aspects of Purchase Street and the safety concerns for sight lines and traffic. The proposed location also most notably focused on neighborhood sensitivities (resident driveways), cross streets, nearby viewsheds from nearby structures and had to be placed near a high-point on the road for safety. The consultants answered questions posed by Trustee Mayor Ron Belmont as to how the newest access location will be created to minimize potential visual impacts while still providing maximum safety for vehicular traffic along Purchase Street which led to the presentation by the architectural team.

Mr. Fry and Ms. Tyler then presented an overview of site design features and initial architectural massing studies that Nexus has been developing. Mr. Fry described the overall design approaches that their team has explored as this project has gone from a broad concept to a more focused one. He explained that they propose to incorporate a site entry signature that focuses on a residential feel, rather than industrial - a nod to the sensitivities and nature of Purchase Street. Stonewalls, cobblestones and landscaping baffles for visual screening will be incorporated into their design for that purpose. The images provided for the presentation reflect mature, robust growth of landscaping, but it is noted that as part of the SEQRA process an examination of the proposed view shed is required which depicts both "leaves on" and "leaves off" views. In addition, all view sheds are being considered in order to show good faith and to be good neighbors. Nexus and Hazen have developed a collaborative relationship and all aspects of Nexus' design proposals take into consideration function, safety, security and are grounded in reality. In terms of massing studies, four preliminarily designs were developed early on. The "Transverse Gable Massing" design is currently being focused on, and it is described as a hybrid of the initial four explorations, with elements taken from each. Mr. Fry and Ms. Tyler stressed that all building elements being considered illustrate a sincere effort to incorporate materials in a meaningful way and not just architectural elements. Materials and design elements will be considered for the practical aspects they offer - "do they provide a visual and/or sound buffer?" for example. All materials will be selected for their function, esthetic and meaning, with an eye on practicality and constructability. All efforts will be made to introduce sustainable features and the current building massing explores a wide range of solutions that could provide "significant daylight gathering and large-scale solar arrays". Additional sustainable features also being considered are related to bio-walls, site screening and site bioswales.

In regards to Planning, Ms. Monstra presented to the Board, a list of the Federal, State and local agencies who will be reviewing the project in anticipation of approvals and permits (the Involved Agencies under SEQRA). Before WJWW can get any approvals, the SEQRA environmental review process must be completed. Ms. Monastra explained that "SEQRA is a state law which establishes a process to consider environmental factors early in the planning process of a project so that the project can actually be modified along the way and as needed to avoid adverse impacts on

the environment." She illustrated, by way of flowcharts, the steps involved in the SEQRA process and the SEQRA timeline. She described the SEQRA process as generally taking about nine months, in an ideal situation. In terms of the draft Scope, Ms. Monastra and Ms. Beltrani reviewed the draft Environmental Impact Statement (EIS) Scope Analyses, which highlighted existing conditions, potential impacts and mitigative measures. She shared that some of the items being considered for more in-depth analyses involve land use, community character, visual impacts, utilities, stormwater, wetlands, and traffic and noise, to name just a few examples.

General Counsel thanked the consultants for their hard work and recognized them as a very talented and qualified group who are working on behalf of clean water. She pointed out that mitigative measures have already been taken when concerns have been raised and that the team will continue to look for ways to mitigate any concerns to the greatest extent in terms of design. General Counsel also introduced Caryn McBride from Co-Communications, the marketing and public relations firm developing a microsite to keep the public informed about the Filtration Plant. The microsite dedicated to the Filtration Project is expected to be completed soon, but will only be launched when all factual data and the best illustrative exhibits have been uploaded. Additionally, an email address dedicated specifically to this project will be available for the public to ask questions. Counsel reminded the Board that in terms of next steps, if a favorable decision regarding Lead Agency is reached prior to the next Board meeting, the Board could adopt the Draft Scope at that meeting, which would then allow for the establishment of a public meeting. The public meeting will give people a forum to ask direct questions and make comments they may have related to the scope of the environmental review of this project.

- The Manager presented, for the Board's approval, a Nelson, Pope and Voorhis proposal for planning services related to the SEQRA process for the Filtration Plant, at an estimated cost of $183,800 (inclusive of noise and traffic analysis consultant fees). General Counsel explained these planning services are necessary to completing the SEQRA process, regardless of who is Lead Agency. The noise and traffic consultants will be subcontracted through Nelson, Pope and Voorhis. Trustee Murphy made a motion to approve the Nelson, Pope and Voorhis proposal at an estimated cost of $183,800. Trustee Belmont seconded the motion, all in favor:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

Old Business

No Old Business discussed at this time.

Manager's Report

No Manager's Report needed at this time.

New Business

No New Business to discuss at this time.

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Executive Session

No Executive Session needed at this time.

Date of Next Meeting

The next Board of Trustees meeting is scheduled for January 26, 2021 at 3:30 p.m.

With no further business to discuss, Trustee Belmont made a motion to adjourn the meeting. Trustee Murphy seconded the motion:

Trustee Seligson	"aye"
Trustee Belmont	"aye"
Trustee Murphy	"aye"

The meeting adjourned at 5:14 p.m.

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WESTCHESTER JOINT WATER WORKS
REPORT OF BANK ACCOUNT BALANCES WITH STERLING NATIONAL BANK
JANUARY 1, 2021 TO JANUARY 26, 2021

ACCOUNT	Interest Rates	01/12/21	01/26/21
GENERAL FUND	0.050	5,763,435	5,047,673
MONEY MARKET	0.120	1,206,933	1,206,933
CONSUMER DEP	0.170	792,317	789,317
CAPITAL FUND	0.170	9,696	9,696
TOTALS:		**7,772,381**	**7,053,619**

ACCOUNT			
GENERAL FUND			
MONEY MARKET			
CONSUMER DEP			
CAPITAL FUND			
TOTALS:			

WESTCHESTER JOINT WATER WORKS
CLAIMS LISTING FOR APPROVAL BY BOARD OF TRUSTEES
TUESDAY, JANUARY 26, 2021

DATE OF MEETING	01/12/21	01/26/21														TOTAL
TOTAL NUMBER OF CLAIMS:	167	92														259
TOTAL NUMBER OF CHECKS:	150	83														233
AMOUNT OF CLAIMS & CHECKS	$1,187,044	$519,856														$1,706,900
MAJOR CATEGORIES																
PAYROLL & BENEFITS	$233,314	$180,176														$413,490
CHEMICALS, MATERIALS, PARTS	$45,226	$98,919														$144,145
PERMITS/INSURANCES	$99,466	$5,400														$104,866
PROFESSIONAL/ENGINEERING/LEGAL	$69,267	$2,838														$72,105
NYC WATER BOARD/UNITED WATER	$510,524	$0														$510,524
OFFICE & COMPUTER	$11,495	$320														$11,815
UTILITIES & TELEPHONES	$37,100	$3,527														$40,627
EMPLOYEE EDUCATION/EXPENSE	$4,538	$0														$4,538
MEDICARE REIMBURSEMENTS	$0	$0														$0
CUSTOMER REFUNDS	$653	$62,785														$63,438
BLDGS/GROUNDS IMPROVEMENTS	$19,741	$9,704														$29,445
TAXES	$0	$33,809														$33,809
AUTHORIZATIONS	$155,720	$122,204														$277,924
O/S CONTRACTORS	$0	$174														$174
TOTAL CLAIMS/CHECKS:	$1,187,044	$519,856														$1,706,900
REIMB. FOR SEWER RENTS	$0	$0														$0
DISTRIBUTIONS TO MUNIS	$0	$0														$0
GRAND TOTAL:	$1,187,044	$519,856														$1,706,900

DATE OF MEETING																TOTAL
TOTAL NUMBER OF CLAIMS:																0
TOTAL NUMBER OF CHECKS:																0
AMOUNT OF CLAIMS & CHECKS																$0
MAJOR CATEGORIES																
PAYROLL & BENEFITS																$0
CHEMICALS, MATERIALS, PARTS																$0
PERMITS/INSURANCES																$0
PROFESSIONAL/ENGINEERING/LEGAL																$0
NYC WATER BOARD/UNITED WATER																$0
OFFICE & COMPUTER																$0
UTILITIES & TELEPHONES																$0
EMPLOYEE EDUCATION/EXPENSE																$0
MEDICARE REIMBURSEMENTS																$0
CUSTOMER REFUNDS																$0
BLDGS/GROUNDS IMPROVEMENTS																$0
TAXES																$0
AUTHORIZATIONS																$0
O/S CONTRACTORS																$0
TOTAL CLAIMS/CHECKS:																$0
REIMB. FOR SEWER RENTS																$0
DISTRIBUTIONS TO MUNIS																$0
GRAND TOTAL:																$0

WESTCHESTER JOINT WATER WORKS
GENERAL FUND ACCOUNTS
TUESDAY, JANUARY 26, 2021

CASH BALANCE IN STERLING NATIONAL BANK:				
	GENERAL FUND	1/1/2021	$	5,457,038.12
	MONEY MARKET	1/1/2021	$	1,206,933.18
	TOTAL:		$	6,663,971.30
NET ACTIVITY:	FROM 1/1/2021 TO 1/26/2021			
	STERLING NATIONAL BANK		$	(409,364.66)
			$	(409,364.66)
CASH AVAILABLE TO PAY CLAIMS:				
	GENERAL FUND:	1/26/2021	$	5,047,673.46
	MONEY MARKET	1/26/2021	$	1,206,933.18
	TOTAL:		$	6,254,606.64
LESS:	UNAPPROVED CLAIMS:		$	(347,964.81)
	OUTSTANDING CHECKS PRIOR PERIODS:		$	(1,275,807.75)
CASH BALANCE AFTER PAYING CLAIMS:			**$**	**4,630,834.08**

CLAIMS PAYABLE:

DATE	FROM	TO		
15-Jan-21	2101037	2101063	$	96,178.48
Check Nos.	61000	61027		
22-Jan-21	2101074	2101126	$	251,786.33
Check Nos.	61028	61080		
TOTAL CLAIMS PAYABLE:			**$**	**347,964.81**

PAYROLL CLAIMS
(ZERO BALANCE CHECKING ACCOUNT)

DATE	FROM	TO		
9-Jan-21	2101032	2101036	$	86,865.70
Check Nos.	2246	2246		
16-Jan-21	2101069	2101073	$	85,025.77
Check Nos.	2247	2247		
TOTAL PAYROLL CLAIMS:			**$**	**171,891.47**

TOTAL ALL CLAIMS:	**$**	**519,856.28**

Prepared by: _____ David Birdsall, Business Director

Submitted by: _____ David Birdsall, Business Director

Approved by: _____ Nancy Seligson, Chairperson
Board of Trustees

VB REFERENCE	VENDOR NAME.....	AMOUNT DUE	DESCRIPTION
002101074	AAA EMERGENCY SUPPLY C	25.00	2020 (1) REFILL SCOTT 4.5 AIR CYLINDER
002101075	ADP, INC.	1,559.34	P/E 12/19;12/26;12/31;1/7/21;1/9/21 PAYROLL PROCES
002101037	CABLEVISION LIGHTPATH,	1,375.79	12/1/20-12/31/20 INTERNET OFFICE
002101076	BRYAN CAVE	32,734.35	A1364 JOINT RYE LAKE FILTRATION FACILITY/DECEMBER
002101077	CARUS PHOSPHATES, INC.	5,080.00	2020 (80) 50LB BAGS CARUS FOR RYE LAKE
002101078	CARUS PHOSPHATES, INC.	5,080.00	(80) 50LBS BAGS CARUS FOR WEAVER ST PLANT
002101079	CARMEL WINWATER WORKS	8,445.00	2020 CRISPIN MJ BFV OL,HANDWHEEL/LAKE ST PRV
002101080	CARMEL WINWATER WORKS	15,207.00	2020 TEE MEGALUG, SLV,VLV,ADAPTER/T/H HYDRANT 3715
002101081	CARMEL WINWATER WORKS	2,500.00	2020 (10) PORTABLE FIRE HOSE /WATER MAINS
002101082	CARMEL WINWATER WORKS	1,590.00	2020 (6) 8 HYMAX CPLG / INVENTORY
002101083	CO-COMMUNICATIONS,INC	3,710.00	A1364 JOINT RYE LAKE FILTRATION FACILITY/ JANUARY
002101084	CITIBANK	5,915.47	DECEMBER 2020 REPL CARD/PUMP RYE LAKE;SAFELITE AUT
002101038	CITY OF NEW ROCHELLE	33,809.67	1/1/21-12/31/21 BL&LOT 4999-0009 CITY PROPERTY TAX
002101085	CONCRETE EXPRESS OF NY	17,777.25	2020 K-CRETE FOR ROAD REPAIR-V/M; T/M AND T/H
002101086	CON EDISON -PRV DISTR	25.01	12/15/20-1/7/21 ELECTRICITY 1000 WESTCHESTER A PRV
002101087	CORE & MAIN LP	24,597.00	2020 510M & 520m SMART POINTS
002101088	CORE & MAIN LP	1,002.87	2020 VALVE; STARGRIP RST GLANG;RAGACC SET/INVENTOR
002101039	COYNE CHEMICAL CO., IN	8,159.33	2020 (48) ACCUTABS SI /WEAVER PLANT
002101089	DAKOTA SUPPLY CORP	2,731.37	2020 12/11/20 ITEM 4
002101090	EASTCOM ASSOCIATES INC	3,011.00	2020 DLD SYSTEM SET
002101091	DANIEL PIRRONE	150.00	2020 REIMBURSEMENT FOR WORK BOOTS REQUIR FOR JOB
002101092	GLOBAL MONTELLO GROUP	645.20	2020 (400) GALS OF DIESEL /WJWW TRUCKS
002101040	GREATAMERICA FINANCIAL	755.80	2020 11/20/20-12/19/20 LEASE AGREEMENT C8045&C8035
002101041	GREATAMERICA FINANCIAL	206.22	2020 12/01-12/31/20 LEASE AGREEMENT C8045 COPIER
002101093	THE T/V OF HARRISON	450.00	ANNUAL PERMIT REG BURGLAR ALARM S-M/RYE LAKE;LAKE
002101094	THE T/V OF HARRISON	4,050.00	2020 PURCHASE /TOWER RD/REPLACE FIRE HYDRANT
002101042	HAZEN AND SAWYER, P. C	4,922.15	A1364 JOINTV RYE LAKE FILTRATION FACILITY
002101043	HAZEN AND SAWYER, P. C	1,104.35	A1364 JOINT RYE LAKE FILTRATION FACILITY
002101095	HAZEN AND SAWYER, P. C	5,322.17	A1364 JOINT RYE LAKE FILTRATION FACILITY
002101044	H2M ARCHITECTS + ENGIN	430.42	2020 OPERATION CONSULTING/REVIEW ERP & VA
002101045	H2M ARCHITECTS + ENGIN	1,123.50	A1352 JOINT RYE LAKE UV FACILITY/THROUGH 11/27/20
002101046	H2M ARCHITECTS + ENGIN	1,350.00	A1352 JOINT RYE LAKE UV FACILITY /THROUGH 11/27/20
002101047	H2M ARCHITECTS + ENGIN	2,117.56	A1352 JOINT RYE LAKE UV FACILITY/THROUGH 11/27/20
002101048	H2M ARCHITECTS + ENGIN	11,949.00	A1352 JOINT RYE LAKE UV FACILITY THROUGH 11/27/20
002101049	H2M ARCHITECTS + ENGIN	2,286.00	A1362 JOINT WINGED FOOT TANK REHABILITATION
002101096	H2M ARCHITECTS + ENGIN	15,516.00	A1362 JOINT WINGED FOOT TANK REHABILITATION
002101097	HOME DEPOT	786.74	DECEMBER 2020 DEWALT;MEAS WHEEL;FOLD IN HALF TABLE
002101098	HUNTINGTON POWER	444.50	2020 RYE LAKE STATION UNIT 3 /LEVEL 2 LABOR
002101099	THE JOURNAL NEWS	2,082.00	2020 11/18/20 - 12/26/20 PUBLIC NOT;INVIT TO BID
002101100	JOHNSON CONTROLS SECUR	1,999.60	2020 RYE LAKE FIRE ALARM COMMUNICATOR INSTALLATION
002101101	K.R.B.VAC & JANITORIAL	1,173.42	2020 DECEMBER MISC ITEMS/DISTRIBUTION & PLANTS
002101050	MATRIX IMAGING SOLUTIO	2,646.86	2020 DECEMBER 20 BASE & ADD PCKGS;PUBLIC NOTIFICAT
002101102	MCGUIRE'S MECHANICAL C	1,969.83	2020 12/16-12/21 RYE LAKE SERV TO BOILERS
002101103	MCGUIRE'S MECHANICAL C	174.00	2020 12/7 4 DUDLEY LN/CHECK HOUSE FOR FLOOD ISSUE
002101051	NELSON POPE VOORHIS	2,696.25	2020 11/4/20-11/24/20 PROFESS SERV/RYE LAKE FILTR
002101064	NYS AND LOCAL RETIREME	6,726.89	2020 DECEMBER 2020 NY STATE RETIREMENT SYSTEM
002101052	OPTIMUM	171.44	12/23/20-1/22/21 OPTIMUM INTERNET WINFIELD AVE
002101104	POLLARDWATER	356.35	2020 PRESS GA GLYC BM;SHUTOFF KEY/HYDRANT FLUSHING
002101105	POLLARDWATER	151.60	2020 GASKET MATERIAL: RED RUB SHEET
002101106	SAMMARCO STONE & SUPPL	1,892.44	2020 QUIKRETE CONCRETE MIX;BLACKTOP MIX
002101053	SWIFTREACH NETWORKS, L	1,575.00	2020 DECEMBER 20 911/MONTHLY SUBSCRIPTION FEE
002101107	OLIVER STANTON	107.50	REFUND DUE TO FINAL READ CREDIT ON ACCOUNT
002101108	THOMAS ENGLISH & ASSOC	618.75	2020 WEAVER ST. PLANT/PHOSPHATE MIXER #2 REPL MOTO
002101109	TOWN/VILLAGE OF HARRIS	900.00	2020 ROAD OPENING PERMITS

VB	REFERENCE	VENDOR NAME.....	AMOUNT DUE	DESCRIPTION
	002101054	U LINE	138.58	2020 SCOTT EXTRA SOFT CORELESS;PAPER ROLL TOWEL
	002101110	U LINE	404.18	2020 TOWELS, TISSUES,ADVIL,BANDAGES,NITRILE
	002101055	UNITED METRO ENERGY CO	623.56	2020 12/28/20 (400) GALS OF GASOLINE
	002101111	UNDERGROUND SURVEYING,	1,600.00	A1364 JOINT RYE LAKE FILTRATION FACILITY
	002101056	VERIZON	50.86	1/2/21-2/1/21 INTERNET & TELEPHONE PURCHASE ST.
	002101057	VERIZON	63.37	1/2/21-2/1/21 INTERNET & PHONE WEAVER ST PLANT
	002101058	VERIZON	50.86	1/6/21-2/5/21 LAKE ST PLANT / PHONE
	002101059	VERIZON	388.33	1/4/21-2/3/21 WEAVER ST. PLANT INTERNET & PHONE
	002101112	VERIZON	301.23	2020 10/3-11/1;11/2-12/1;ONE TIME ACT PURCHASE ST
	002101113	VERIZON	245.94	2020 9/30-11/1; ONE TIME ACT WEAVER ST PLANT
	002101114	VERIZON	251.29	2020 10/6/11/5; ONE TIME ACT LAKE ST PLANT
	002101115	VERIZON	818.95	2020 9/25-11/12; ONE TIME ACT OFFICE/FAX LINE
	002101116	VERIZON	407.01	12/11/20-2/10/21 ALARM LINE OFFICE
	002101117	VERIZON	231.53	1/7/21-2/6/21 PURCHASE ST/INTERNET & PHONE
	002101060	VERIZON BUSINESS FIOS	102.45	1/1/21-1/31/21 RYE LAKE PHONE & INTERNET
	002101118	VERIZON BUSINESS FIOS	379.79	2020 9/29-10/31; ONE TIME ACT RYE LAKE PHONE & INT
	002101119	VERIZON BUSINESS FIOS	30.16	1/6/21-5/5/21 PHONE LINE FOR GENERATOR
	002101061	VERIZON WIRELESS	2,095.28	12/27/20-1/26/21 WJWW EMPLOYEE MOBILE PHONES
	002101120	VINCENT GARAGE, INC	249.59	2020 11/24/20 CHEVY TRUCK/VLV/HEATER COUPLER/FUEL
	002101121	VILLAGE OF LARCHMONT	53,728.00	REFUND DUE TO JULY 2020 EXCESS WATER CHR PAID TWIC
	002101062	WESTERN PEST SVCES	89.00	JANUARY 2021 PEST CONTROL SERVICE
	002101065	WEST.CTY.DEPT.HEALTH	420.00	V/M HOWARD AVE WATER MAIN REPLACEMENT /APPLICATION
	002101122	WESTC.MASONRY DEPOT	195.25	2020 12/15/20 CARBUR;SPARK PLUG;FILTER AIR
	002101123	WESTC.MASONRY DEPOT	207.75	2020 12/15/20 HONDA/SPARK PLUG;GAS OIL;CARBURATOR
	002101063	WINGED FOOT GOLF CLUB	8,749.96	REFUND DUE TO CREDIT ON ACC/OCTOBER BILL PAID TWIC
	002101124	WASP ENGINEERING GROUP	1,462.50	A1366 JOINT WHOLESALE CUST METER/ANDERSON HILL
	002101125	WASP ENGINEERING GROUP	4,875.00	A1377 V/M HOWARD AVE WATER MAIN REPLACEMENT
	002101126	XYLEM DEWATERING SOLUT	16,617.40	A1373 JOINT PURCHASE BOOSTER STATION & RELATED
**			347,964.81	
*				
09	002101032	STERLING NATIONAL BANK	23,219.08	#2 P/E 1/09/21 FEDERAL PAYROLL TAXES WITHHOLDING
09	002101069	STERLING NATIONAL BANK	20,542.00	#03 P/E 1/16/21 FEDERAL PAYROLL TAXES WITHHOLDING
09	002101033	NYS DEFERRED COMPENSAT	3,260.67	#2 P/E 1/09/21 NYS DEFERRED COMP
09	002101070	NYS DEFERRED COMPENSAT	3,707.26	#03 P/E 1/16/21 NYS DEFERRED COMP
09	002101034	NYS INCOME TAX	4,309.29	#2 P/E 1/09/21 NYS PAYROLL TAXES WITHHOLDING
09	002101071	NYS INCOME TAX	3,571.24	#03 P/E 1/16/21 NYS PAYROLL TAXES WITHHOLDING
09	002101035	PAYROLL	55,613.06	#2 P/E 1/09/21 PAYROLL SUMMARY
09	002101072	PAYROLL	56,741.67	#03 P/E 1/16/21 PAYROLL TAXES
09	002101036	UTILITY WORKER UNION L	463.60	#2 P/E 1/09/21 UNION DUES
09	002101073	UTILITY WORKER UNION L	463.60	#03 P/E 1/16/21 UNION DUES
**			171,891.47	
*				
			519,856.28	

[405] 92 items listed out of 22617 items.

For Billings As Of: 1/22/2021
For Cash Received As Of: 1/22/2021

Date	Percentage of Receivable Balance Over 60 Days	Total # of Accts Over 60 Days	Total Balances Over 60 Days	Village of Mamaroneck		Town of Mamaroneck		Town/Village of Harrison		City of Rye		City of New Rochelle	
				Tax Levy April Arrears of Dec 31		Tax Levy November Arrears of Oct 31		Tax Levy October Arrears of Sept 30		No Tax Levy		No Tax Levy	
				# of Accts	Overdue Balance	# of Accts	Overdue Balance	# of Accts	Overdue Balance	# of Accts	Overdue Balance	# of Accts	Overdue Balance
11/21/19	17%	1,140	$ 377,003	484	$ 129,787	144	$ 66,769	475	$ 161,599	33	$ 16,450	4	$ 2,399
12/13/19	25%	1,168	$ 390,067	365	$ 100,741	177	$ 54,526	601	$ 218,308	19	$ 13,943	6	$ 2,548
01/10/20	18%	1,082	$ 281,213	360	$ 108,817	235	$ 29,849	457	$ 126,927	25	$ 12,967	5	$ 2,654
01/24/20	25%	1,369	$ 362,513	515	$ 136,121	177	$ 11,000	636	$ 197,363	37	$ 15,090	4	$ 2,938
02/07/20	25%	1,288	$ 353,307	407	$ 113,556	286	$ 31,884	566	$ 192,220	24	$ 11,997	5	$ 3,650
02/21/20	23%	1,384	$ 361,472	533	$ 135,968	209	$ 6,870	599	$ 205,690	39	$ 10,464	4	$ 2,480
03/06/20	24%	1,258	$ 330,590	442	$ 119,285	319	$ 31,969	455	$ 166,008	35	$ 10,383	7	$ 2,945
03/27/20	23%	1,360	$ 372,036	503	$ 131,077	229	$ 17,923	589	$ 209,838	33	$ 10,446	6	$ 2,752
04/09/20	26%	1,549	$ 429,284	422	$ 125,210	308	$ 32,063	784	$ 259,535	28	$ 9,055	7	$ 3,421
05/08/20	24%	1,663	$ 298,710	466	$ (13,119)	316	$ 33,088	843	$ 272,844	32	$ 2,287	6	$ 3,610
05/21/20	20%	1,415	$ 337,119	455	$ 19,396	222	$ 27,457	700	$ 274,797	33	$ 11,761	5	$ 3,709
06/05/20	16%	1,296	$ 350,696	398	$ 8,409	263	$ 40,925	601	$ 287,246	28	$ 10,234	6	$ 3,880
06/18/20	28%	1,238	$ 538,921	433	$ 55,064	215	$ 35,243	565	$ 435,010	21	$ 9,942	4	$ 3,663
07/10/20	16%	1,026	$ 499,408	317	$ 7,091	235	$ 48,540	450	$ 429,579	19	$ 9,705	5	$ 4,493
07/23/20	17%	1,096	$ 573,745	407	$ 34,341	187	$ 40,861	475	$ 483,299	23	$ 11,534	4	$ 3,710
08/10/20	17%	1,076	$ 612,077	316	$ 20,224	219	$ 60,089	524	$ 519,028	13	$ 9,601	4	$ 3,136
08/20/20	14%	1,242	$ 602,277	396	$ 54,087	376	$ 52,359	451	$ 480,623	15	$ 11,939	4	$ 3,269
09/03/20	18%	1,079	$ 555,207	331	$ 37,437	217	$ 79,674	513	$ 423,066	12	$ 10,780	6	$ 4,251
09/17/20	21%	1,061	$ 689,958	403	$ 66,343	155	$ 55,045	473	$ 549,349	24	$ 14,978	6	$ 4,243
10/08/20	21%	1,026	$ 719,397	319	$ 51,733	189	$ 77,073	492	$ 575,143	20	$ 10,070	5	$ 5,379
10/22/20	21%	923	$ 664,856	368	$ 98,423	136	$ 55,660	390	$ 493,389	24	$ 12,946	5	$ 4,438
11/05/20	26%	963	$ 531,395	325	$ 74,845	206	$ 82,479	410	$ 359,031	17	$ 10,356	5	$ 4,684
11/19/20	22%	914	$ 576,828	320	$ 86,008	150	$ 59,801	415	$ 409,867	24	$ 17,176	5	$ 3,977
12/10/20	33%	1,113	$ 715,599	335	$ 96,535	177	$ 68,044	575	$ 531,816	19	$ 14,779	7	$ 4,425
01/08/21	49%	858	$ 717,116	246	$ 117,309	90	$ 29,348	500	$ 557,384	18	$ 14,097	4	$ (1,021)
01/22/21	39%	974	$ 729,309	372	$ 138,995	54	$ 20,011	509	$ 553,650	39	$ 18,005	1	$ (1,352)

Commercial Backflow Status

1/21/2021

("Commercial" includes: Commercial, Industrial, Institutional, Apartment Buildings & Multi-family 3+ residences)

Hazard Category	Level	Has BFD	%	In Process of Applying for or Installing BFD	%	Ordered to Install BFD due to No Response	%	Under Review Based on Use/Activities	%	Requested Use Info	%	Totals
Dental/Veterinary/Medical Related Activities	High	55		0		0		0		0		55
Industrial/Chemical Using Related Activities	High	111		4		1		0		0		116
Subtotal High Hazard		***166***	***97%***	***4***	***2%***	***1***	***1%***	***0***	***0%***	***0***	***0%***	***171***
Auto or Repair/Boat Servicing Activities	Medium	85		0		3		0		0		88
Restaurant/Food/Club Related Activities	Medium	157		1		8		0		0		166
Office/Retail/Warehouse Related Activities	Medium	317		9		50		0		0		376
Subtotal Medium Hazard		***559***	***89%***	***10***	***2%***	***61***	***10%***	***0***	***0%***	***0***	***0%***	***630***
Apartment Building (3+ Units)	Low	82		3		5		0		259		349
Subtotal Low Hazard		***82***	***23%***	***3***	***1%***	***5***	***1%***	***0***	***0%***	***259***	***74%***	***349***
Use To Be Determined/Identified		0		0		23		0		0		23
Subtotal Use To Be Determined/Identified Hazard	TBD	***0***	***0%***	***0***	***0%***	***23***	***100%***	***0***	***0%***	***0***	***0%***	***23***
Totals		807		17		90		0		259		1173
% of Total		69%		1%		8%		0%		22%		100%

Residential Backflow Status
(Res-1 family & Res-2 family)

Municipality	Has BFD	%	In Process of Applying for or Installing BFD	%	Communication Has occurred Between WJWW & Customer Regarding BFD	%	Under Review Based on Use/Activities	%	Totals
Village of Mamaroneck	420	11%	7	0%	295	8%	2941	80%	3663
Town of Mamaroneck	516	17%	10	0%	485	16%	1983	66%	2994
T/V of Harrison	1416	24%	31	1%	133	2%	4242	73%	5822
City of Rye	54	16%	0	0%	3	1%	281	83%	338
City of New Rochelle	2	3%	0	0%	0	0%	69	97%	71
Totals	2408		48		916		9516		12888
% of Total	19%		0%		7%		74%		100%

WESTCHESTER JOINT WATER WORKS

1625 Mamaroneck Avenue
Mamaroneck, New York 10543
www.wjww.com

Telephone: (914) 698-3500
Fax: (914) 381-4241
Fax: (914) 381-0349

BID SUMMARY

Item Bid: 2021 Water Distribution System Materials Bid

Bid Advertised: November 18th, November 25th, and December 2nd, 2020

Bid Opening: Friday December 11, 2020 1:00 PM

Bidder	Submitted Bid	Non-Collusive Bidding Certificate

SEE ATTACHED FORM FOR DETAILED AWARD OF BIDS

The Bid Committee recommends the award of contracts, as detailed on the attached document, be made to the identified bidders that provided the lowest bid meeting WJWW's specifications.

Bid Committee:

_____ ( )
Manager

_____ ( )
Business Director

_____ ( )
Purchasing Agent

_____
Counsel

Those present at bid opening indicated by check mark next to name above.

2021 Westchester Joint Water Works Water Distribution System Materials Bid
Bid Opening: Friday December 11, 2020 at 1:00 PM

Category	Core & Main	Schmidt's Wholesale	EJ Prescott	Ferguson Water Works	Camel Winwater
Adapters	$5,306.00	No Bid	No Bid	No Bid	$5,155.50
Cast Couplings	No Bid	$1,614.24	No Bid	No Bid	$1,350.00
Hymax Couplings	$25,289.20	$25,454.88	No Bid	No Bid	$26,430.00
Hymax Grip Couplings	$6,971.40	$7,017.04	No Bid	No Bid	$7,285.00
Corporation Stops	$21,500.50	$22,202.26	No Bid	No Bid	$19,305.80
Corporation Bends	No Bid	No Bid	No Bid	No Bid	$4,062.80
Corporation Plugs & Bushings	$565.50	$585.35	No Bid	No Bid	$510.75
Couplings & Tees	$4,007.30	No Bid	No Bid	No Bid	$4,918.15
Curb Boxes & Lids - Cast Iron	$3,517.50	No Bid	No Bid	No Bid	$4,097.50
Curb Stops	$69,894.10	$72,542.98	No Bid	No Bid	$61,420.00
Ductile Iron Pipe	$246,130.00	$247,268.00	No Bid	No Bid	$244,510.00
Flushing Hydrants (2")	$2,780.40	$2,575.50	No Bid	No Bid	$3,024.00
Hydrants with Storz	$129,533.25*	$147,188.22*	$119,536.69**	No Bid	No Bid
Fire Hydrants	$113,069.85*	$115,449.81*	$104,391.99**	No Bid	No Bid
Hydrant Parts AD B62B	No Bid	No Bid	$23,448.33	No Bid	No Bid
Hydrant Parts AD B50B	No Bid	No Bid	$4,820.77	No Bid	No Bid
Hydrant Parts Mueller Centurion	$23,601.70	$22,104.92	No Bid	No Bid	No Bid
Mechanical Joint Bolt & Nut	$940.00	$813.50	No Bid	No Bid	$873.25
Mechanical Joint Fittings	$170,226.55	$153,348.96	No Bid	No Bid	$175,710.09
Meter Adapters	$22,402.25	$12,185.20	No Bid	No Bid	$12,288.00
Meter Yokes	$31,566.50	No Bid	No Bid	$57,825.70	No Bid
Polyethylene Encasement Tubing	No Bid	$1,605.46	No Bid	No Bid	$3,622.50
Repair Clamps	$29,405.70	$35,875.53	No Bid	No Bid	$88,374.77
EZ Max Repair Clamps	$18,223.30	$18,342.78	No Bid	No Bid	$19,409.60
Retaining Gland Kits	$7,447.80	$6,270.72	No Bid	No Bid	$7,524.00
Service Saddles	$4,830.75	$4,154.81	No Bid	No Bid	$6,365.00
Service Tubing Copper Type K	$22,805.00	$14,978.00	No Bid	No Bid	$18,006.00
Tapping Sleeves	$35,463.30	$33,579.24	No Bid	No Bid	$50,193.50
Threaded Rods & Tie Bolts	No Bid	No Bid	No Bid	No Bid	$2,097.50
Underground Clamps	No Bid	$4,637.28	No Bid	No Bid	$3,748.80
Gate Valves Resilient Seat Wedge	$271,490.20*	$271,891.09	$256,230.00***	No Bid	$285,337.00****
Gate Valves OS&Y	No Bid	$79,792.06	No Bid	No Bid	$53,412.00****
Butterfly Valves	$43,837.85 *	No Bid	No Bid	No Bid	$52,853.00****
Valve Boxes	No Bid	$8,368.00	No Bid	No Bid	$9,455.00
Valve Box Risers	No Bid	No Bid	No Bid	No Bid	$6,170.00

*Muller
**American Darling
*** AM Flow
****Kennedy

WESTCHESTER JOINT WATER WORKS

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Mamaroneck, New York 10543
www.wjww.com

Telephone: (914) 698-3500
Fax: (914) 381-4241
Fax: (914) 381-0349

BID SUMMARY

Item Bid: 2021 Paving & Fill Materials Bid

Bid Advertised: December 23rd, December 30th, and January 4th

Bid Opening: Thursday, January 7, 2021 1:00 PM

Bidder	Submitted Bid	Non-Collusive Bidding Certificate

SEE ATTACHED FORM FOR DETAILED AWARD OF BIDS

The Bid Committee recommends the award of contracts, as detailed on the attached document, be made to the identified bidders that provided the lowest bid meeting WJWW's specifications.

Bid Committee:

_____ ( )
Manager

_____ ( )
Business Director

_____ ( )
Purchasing Agent

_____
Counsel

Those present at bid opening indicated by check mark next to name above.

WJWW 2021 Paving & Fill Materials Bid Summary

Bids Opened: January 7, 2021

Bid Item - Controlled Density Fill (K-Crete) Jan1-Mar31 8:00AM to 5:00PM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$687.00 3 Cubic Yard Order	Yes
2	Concrete Express	$701.00 3 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Apr1-Dec31 8:00AM to 5:00PM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$666.00 3 Cubic Yard Order	Yes
2	Concrete Express	$677.00 3 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Jan1-Mar31 5:01PM to 7:59AM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$837.00 3 Cubic Yard Order	Yes
2	Concrete Express	$1,411.00 3 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Apr1-Dec31 5:01PM to 7:59AM

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$816.00 3 Cubic Yard Order	Yes
2	Concrete Express	$1,387.00 3 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Jan1-Mar31 8:00AM to 5:00PM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$1,300.00 10 Cubic Yard Order	Yes
2	Concrete Express	$1,380.00 10 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Apr1-Dec31 8:00AM to 5:00PM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$1,230.00 10 Cubic Yard Order	Yes
2	Concrete Express	$1,300.00 10 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Jan1-Mar31 5:01PM to 7:59AM:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$1,450.00 10 Cubic Yard Order	Yes
2	Concrete Express	$2,090.00 10 Cubic Yard Order	Yes

Bid Item - Controlled Density Fill (K-Crete) Apr1-Dec31 5:01PM to 7:59AM

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply Corp	$1,380.00 10 Cubic Yard Order	Yes
2	Concrete Express	$2,010.00 10 Cubic Yard Order	Yes

***** Note: Based on the re-bid results, Dakota Supply will be the primary K-Crete supplier for WJWW based upon it being the lowest qualified bidder. In the event that Dakota Supply is unable to satisfy the requirements of any particular WJWW job and it is in the best interests of WJWW to do so as per the determination of the WWJWW Distribution Superintendent, WJWW will utilize the next low bidder, Concrete Express, to provide K-Crete per the terms of its bid.**

WJWW 2021 Paving & Fill Materials Bid Summary

Bids Opened: January 7, 2021

Bid Item - Hot Mix Binder Blacktop:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	No Bids		

Bid Item - Concrete Mix:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	No Bids		

Bid Item - High Performance Cold Patch:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	No Bids		

Bid Item - Virgin Item 4 (Bluestone) Delivered to WJWW:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Dakota Supply	$26.85 per ton	Yes
2	Wingdale Material	$27.00 per ton	Yes
3	Concrete Express	$28.00 per ton	Yes

Bid Item - Trap Rock (Various Sizes) Delivered:

Rank	Bidder	Bid Amount	Non-Collusive Bid Cert
1	Wingdale Material	$32.90 per ton of 1 1/2"	Yes
2	Concrete Express	$33.00 per ton of 1 1/2"	Yes
3	Dakota Supply	$38.00 per ton of 1 1/2"	Yes
1	Wingdale Material	$32.90 per ton of 1 1/4"	Yes
2	Concrete Express	$33.00 per ton of 1 1/4"	Yes
3	Dakota Supply	$38.00 per ton of 1 1/4"	Yes
1	Wingdale Material	$32.90 per ton of 3/4"	Yes
2	Concrete Express	$33.00 per ton of 3/4"	Yes
3	Dakota Supply	$38.00 per ton of 3/4"	Yes
1	Wingdale Material	$36.55 per ton of 1/4"	Yes
2	Dakota Supply	$38.00 per ton of 1/4"	Yes
3	Concrete Express	$41.00 per ton of 1/4"	Yes
1	Wingdale Material	$35.75 per ton of 3/8"	Yes
2	Dakota Supply	$38.00 per ton of 3/8"	Yes
3	Concrete Express	$41.00 per ton of 3/8"	Yes

H2M architects + engineers
538 Broad Hollow Road, 4th Floor East
Melville, NY 11747 | tel 631.756.8000

January 25, 2021

Mr. Paul Kutzy, P.E.
Manager
Westchester Joint Water Works
1625 Mamaroneck Avenue
Mamaroneck, NY 10543

Re: Westchester Joint Water Works
Rye Lake UV Facility
Contract G – General Construction
WJWW Project No.: A-1352
H2M Project No.: WJWW1803
Letter of Recommendation

Dear Mr. Kutzy

On Thursday, January 16, 2021, bids were received by the Westchester Joint Water Works (WJWW) for the above referenced project. WJWW received four (4) bids for Contract G – General Construction. As shown on the bid tab, the lowest bid was submitted by ELQ Industries, Incorporated, of New Rochelle, NY for a total base bid amount of $589,405.00.

We have investigated the qualifications submitted by the low bidder and have found them to be a qualified and responsible contractor. ELQ Industries, Incorporated has completed projects of similar size and complexity for various municipalities within Westchester County. In addition, they are very familiar with this site, as they have recently installed a significant portion of the new site piping required for the operation of the UV facility under a separate contract. Therefore, we recommend that the project be awarded to ELQ Industries in the total base bid amount of $589,405.00.

Should you have any questions regarding this recommendation, please contact our office.

Very truly yours,

H2M architects + engineers

James L. Neri

Digitally signed by James L. Neri
DN: cn=James L. Neri, o=H2M architects + engineers, ou=014100, email=jneri@h2m.com, c=US
Date: 2021.01.25 14:29:57 -05'00'

James L. Neri, P.E.
Senior Vice-President

cc: David Birdsall, Business Director
CWW, JLN

X:\WJWW (Westchester Joint Water Works)\WJWW1803 - Rye Lake UV Facility\03-Bid\Recommendation\General (Contract G)\WJWW1803_ContractG_Recommendation.docx

H2M architects + engineers

CLIENT NAME: WESTCHESTER JOINT WATER WORKS

PROJECT TITLE: RYE LAKE UV FACILITY
CONTRACT G - GENERAL CONSTRUCTION BID

H2M PROJECT No.: WJWW1603
BID DATE: THURSDAY, JANUARY 21 @ 1:00 PM

				BIDDER							
				ELQ Industries New Rochelle, NY		Gianfia Corp. Hawthorne, NY		Philip Ross Industries Melville, NY		Eventus Construction Amawalk, NY	
		BB or CC		BB		BB		BB		BB	
ITEM NO.	DESCRIPTION	QTY.	UNITS	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
A1352-1	For mobilization, bonds, insurances, and demobilization as specified (Not to exceed 5% of the total base bid)	1	LS	$27,000.00	$27,000.00	$30,000.00	$30,000.00	$45,000.00	$45,000.00	$60,000.00	$60,000.00
A1352-2	For the removal and disposal of all trees, chain link fencing, concrete curb, and asphalt.	1	LS	$11,000.00	$11,000.00	$40,000.00	$40,000.00	$25,000.00	$25,000.00	$15,000.00	$15,000.00
A1352-3	For furnishing, installing, and maintaining temporary and permanent erosion and sediment control measure(s) during construction	1	LS	$20,000.00	$20,000.00	$70,000.00	$70,000.00	$16,000.00	$16,000.00	$60,000.00	$60,000.00
A1352-4	For the removal and/or installation of required fill, preliminary site grading and final site grading as specified.	1	LS	$18,000.00	$18,000.00	$50,000.00	$50,000.00	$209,000.00	$209,000.00	$180,000.00	$180,000.00
A1352-5	Installation of UV facility foundation by Contract G consisting of timber piles and reinforced concrete beams. Contract B to install Pre-Engineered, fabricated UV facility on foundation.	1	LS	$137,400.00	$137,400.00	$160,000.00	$160,000.00	$195,000.00	$195,000.00	$310,000.00	$310,000.00
A1352-6	For the installation of new 8-foot high chain link fence and accessories as specified.	1	LS	$9,740.00	$9,740.00	$8,000.00	$8,000.00	$16,000.00	$16,000.00	$10,000.00	$10,000.00
A1352-7	For furnishing and installing all water main, fittings, valves, etc. as specified.	1	LS	$141,900.00	$141,900.00	$150,000.00	$150,000.00	$186,000.00	$186,000.00	$373,000.00	$373,000.00
A1352-8	For the installation of new drainage structures, and drainage piping.	1	LS	$40,815.00	$40,815.00	$50,000.00	$50,000.00	$80,000.00	$80,000.00	$36,000.00	$36,000.00
A1352-9	For providing site dewatering, storage and disposal.	1	LS	$80,300.00	$80,300.00	$5,000.00	$5,000.00	$40,000.00	$40,000.00	$120,000.00	$120,000.00
A1352-10	For the installation of new generator concrete pad as specified.	1	LS	$8,400.00	$8,400.00	$5,000.00	$5,000.00	$22,000.00	$22,000.00	$15,000.00	$15,000.00
A1352-11	For the installation of new 5-foot wide concrete walkway and landing.	1	LS	$8,400.00	$8,400.00	$5,000.00	$5,000.00	$17,000.00	$17,000.00	$22,000.00	$22,000.00
A1352-12	For the installation of new concrete curb and repair strip(s).	1	LS	$4,600.00	$4,600.00	$10,000.00	$10,000.00	$15,000.00	$15,000.00	$10,000.00	$10,000.00
A1352-13	For the installation of permeable pavers for the stair landing associated with the Electrical Equipment Platform, Coordination with Contract E.	1	LS	$1,150.00	$1,150.00	$1,000.00	$1,000.00	$4,000.00	$4,000.00	$3,000.00	$3,000.00
A1352-14	For the installation of new chain link fencing and automatic swing gate at the facility enterance.	1	LS	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00	$35,000.00
A1352-15	For the installation and provision of plantings ans the landscape irrigation system as specified on the landscaping plan.	1	LS	$19,300.00	$19,300.00	$20,000.00	$20,000.00	$30,000.00	$30,000.00	$10,000.00	$10,000.00
A1352-16	For all cash allowances associated with Quality Control Testing as specified in section 012100 - Allowances.	1	LS	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00	$5,000.00
A1352-17	For all cash allowances for additional work as specified in section 012100 - Allowances.	1	LS	$20,000.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00	$20,000.00
A1352-18	For furnishing project record documents, as-builts, and operation and maintenance manuals as specified in specification section 017800, 017823, 017839.	1	LS	$1,400.00	$1,400.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00	$1,000.00
TOTAL BASE BID (SUM OF ALL ITEMS)					$589,405.00		$665,000.00		$861,000.00		$1,285,000.00

WASP Engineering Group, PLLC

44 Flagler Road
Poughquag, New York 12570

Phone: 914 804-2564
Fax: 845 592-8313

E-Mail: bobwasp22@gmail.com

PROPOSAL

PAGE 1 OF 3	**DATE: 1/13/21**	**PROJECT NUMBER:.WJ.021.200.0**
PROJECT NAME: Professional Engineering Services Design Engineering/ Construction Oversight Services For Installation of a PRV Vault and Associated Valves and Piping.		**PROJECT LOCATION:** Anderson Hill Road Harrison (T/V)
CLIENT CONTACT:	**Mr. Paul Kutzy, P.E.** **Westchester Joint Water Works** **1625 Mamaroneck Avenue** **Mamaroneck, New York 10543**	

AGREEMENT TERMS

BACKGROUND: WJWW has authorized funding for the installation of a Pressure Reducing Valve (PRV) and metering unit vault at the WJWW interconnection location at Anderson Hill Road, Town/Village of Harrison. In addition to the PRV components and metering, the unit will include and SCADA telemetry, piping and valves. The vault and new external piping and valves will be connected to the existing 16" main.

WASP ENGINEERING GROUP, PLLC (WASP ENGINEERING) is proposing to conduct professional and technical services related to the PRV vault design, including, an evaluation of alternatives with a cost analysis to consider a precast concrete vault vs. pre-fabricated "EFI" steel vault unit. The selected alternative will be advanced to the design phase to include site data including topographic and subsoil boring findings. The internal piping and valve equipment for the vault have been sized based on previous WJWW hydraulic modeling for system demands. Further, due to the area FEMA flood elevations, the vault will be equipped with a steel welded watertight hatch.

Vault Design Criteria:

1. **The vault will be designed for H-20 Loading**
2. **Vaults will be equipped with a Pressure Reducing Valve and Wheel Valves**
3. **Vault will be equipped with a Meter**
4. **The vault will be equipped with By-pass valves and piping**
5. **Vaults to be equipped with ladder, sump pumps, SCADA panel and lighting**
6. **Vault will have a watertight hatch.**

SCOPE OF SERVICES: THE FOLLOWING PROFESSIONAL SEVICES ARE PROPOSED FOR THE CLIENT AS FOLLOWS:
WASP ENGINEERING proposes to provide the engineering services related to the preparation of engineering documents; plans, specifications and engineering reports related to the planned installation of the Pressure Reducing Valve (PRV) Unit and Vault.

This proposed services by WASP ENGINEERING include development of a detailed "Project Cost Estimate" of project construction costs, design and layout for the PRV vault and appurtenances and preparation of P.E. sealed construction drawings, engineering report and water supply application for submittal to the WCDOH prior to start of the installation. The drawings will incorporate the design criteria previously developed and will include plan and section views of the vault, piping and valves as well as the piping connections to the water main. Upon approval by WCDOH, WASP ENGINEERING will oversee the installation and provide as-built plans and competed works certification documents to the WCDOH.

SCOPE OF WORK/COMPENSATION

	Fee Basis
Task 1a Engineer's detailed cost estimate. Preparation of draft document and coordination with WJWW Engineering staff.	*$ 1,500.00*
Task 1b Design: Site layout sketch and construction details. Five (5) sets of PE sealed construction drawings and engineer's report, WCDOH Application.	*$ 8,500.00*
Total Estimated Fee	*$10,000.00*

Task 2 Site Inspection/ Oversight of activities during construction activities and coordination with WCDH. It is estimated that the total project will take 10 days for installation, testing, WCDOH inspection. Task includes preparation of Daily Inspection Reports and photo log. WASP ENGINEERING will provide full time inspection of work activities.

Labor:

Regular Hours Daily Rate (Estimated day shift @ 9 hours)

Field inspector (Assume 9 hours) @ $ 90.00/hour = $ 810.00

PE/Oversight (Assume 3 hours) @ $ 195.00/hour = $ 585.00

Daily rate = $1,395.00/ day x 10 days = *Estimated Fee $ 13,950.00*

Total Estimated Fee *$ 13,950.00*

Task 3 Pressure/Leakage testing/ Construction Certification and Filing documents with WCDOH; Construction Compliance Letter and As-Built drawing

Total Estimated Fee *$ 5,000.00*

Total Not to Exceed Fee *$ 28,950.00*

TIME OF PERFORMANCE:

THE TIME REQUIRED TO COMPLETE TASK 1 WILL BE ONE WEEK FROM AUTHORIZATION, TASK 2 AND 3 WILL BE APPROXIMATELY 4 WEEKS FROM START OF INSTALLATION;

TERMS OF PAYMENT:

WASP ENGINEERING WILL PROVIDE AN INVOICE FOR WORK UPON COMPLETION OF TASK OR ON A MONTHLY BASIS.

INSURANCE:

WASP ENGINEERING HAS PROOF OF INSURANCE ON FILE WITH WJWW.

ADDRESS FOR CORRESPONDENCE/NOTICES:

ROBERT G. WASP, c/o WASP ENGINEERING, 44 Flagler Road, Poughquag, New York 12570

ACCEPTED BY:	SUBMITTED BY: Robert G. Wasp, P.E., President
CLIENT:	1/13/21
SIGNATURE: DATE:	SIGNATURE: DATE:

Attachment

WASP ENGINEERING GROUP PLLC

2021 BILLING RATES

PROFESSIONAL AND TECHNICAL SERVICES

LABOR BILLING SCHEDULE

Principal/ Professional Engineer	$ 195.00 /hr.
Project Engineer	$ 130.00/hr.
Auto CADD Tech	$ 130.00/hr.
Construction Inspector/Field Technician	$ 95.00/hr.

Night Work Labor Rates Are Charged at 10% higher rate.

Direct Project Expenses	Cost Plus 15%

These rates are for the period January 1, 2021 through December 31, 2021.

WASP Engineering Group, PLLC

44 Flagler Road
Poughquag, New York 12570

Phone: 914 804-2564
Fax: 845 592-8313

E-Mail: bobwasp22@gmail.com

LETTER PROPOSAL

PAGE 1 OF 3	DATE: 1/12/21	PROJECT NUMBER: WW.021.100
PROJECT NAME: Engineering design and associated construction services related to the replacement of approximately 217 LF of 2-inch cast iron water main pipe with 6-inch ductile iron pipe in Howard Avenue, Village of Mamaroneck.		**PROJECT LOCATION:** Village of Mamaroneck

CLIENT CONTACT: **Westchester Joint Water Works**
1625 Mamaroneck Avenue
Mamaroneck, New York 10543

AGREEMENT TERMS

BACKGROUND:
This WJWW project involves the replacement of approximately 217 linear feet of existing 2-inch diameter cast iron water main with a 6-inch ductile iron water main in Howard Avenue from the intersection of Hillside Avenue to the roadway terminus, in the Village of Mamaroneck. A new valve cluster will be installed in the 6-inch main in Hillside Avenue and a new hydrant will be installed at the end of the roadway, replacing the existing blowoff valve. Eleven service lines will be replaced and connected to the new main when the line is activated.

This water main project is being undertaken on a priority basis due to the active emergency gas utility project to replace the existing gas main which is underway; WJWW has experienced recent and recurring water main leaks in the existing 2-inch main and plans to install the new main immediately following the gas utility work upon approval by the WCDOH.

SCOPE OF SERVICES: THE FOLLOWING PROFESSIONAL SEVICES ARE PROPOSED FOR THE CLIENT AS FOLLOWS:
This proposal is for the work related to the design, construction oversight, certifications and as-built plans required for the replacement of approximately 217 LF of 2-inch cast iron pipe with 6-inch ductile iron water pipe and a new hydrant and valves. The new main will connect to a new valve cluster in Hillside Avenue.

Fee Basis

Task 1 Preliminary Layout, Utility Delineation, Design of Replacement Water Main including hydrant; Water Supply Application, Engineering Report and Plans for filing with WCDOH.
Deliverables:
PE sealed construction drawings, Engineer's Report and Water Main Application
Estimated Fee Not to Exceed ***$ 5,000.00***

Task 2 Site Inspection/Oversight of activities during construction activities. It is estimated that the total project will take 8-10 field days for the new main, hydrant w/valve and residential service lines connections and meter pits and roadway restoration. Coordination will be maintained with WCDOH for field changes, as needed.

Deliverables:
Daily Inspection Reports and Project Photos

Wasp Engineering will provide full time inspection of work activities.

Daily Rate (Estimated day shift @ 9 hours)
Field inspector (Assume 9 hours) @ $ 90.00/hour = $ 810.00
PE/Oversight (Assume 3 hours) @ $ 195.00/hour = $ 585.00

Daily Inspection/ PM rate: $1,395.00/ day x 10 days= ***Estimated Fee No to Exceed*** ***$ 13,950.00***

Task 3 Construction Certification Documents and Filing with WCDH;
***Deliverables*:**
Pressure/Leak Testing, Disinfection, Flushing, Bacteria test results for Construction Completion Certification Report and PE Certified As-Built Drawings. ***Estimated Fee Not to Exceed*** ***$ 4,500.00***

Total Not to Exceed Fee ***$23,450.00***

TIME OF PERFORMANCE:
THE TIME REQUIRED TO COMPLETE TASK 1 WILL BE 5 DAYS; TASK 3 WILL BE COMPLETED IN APPROXIMATELY 25-30 DAYS;

TERMS OF PAYMENT:
WASP ENGINEERING WILL PROVIDE AN INVOICE FOR WORK UPON COMPLETION OF ALL WORK DESCRIBED HEREIN.

INSURANCE:
WASP ENGINEERING HAS PROOF OF INSURANCE ON FILE WITH WJWW.

ADDRESS FOR CORRESPONDENCE/NOTICES:

ROBERT G. WASP, c/o WASP Engineering, 44 Flagler Road, Poughquag, New York 12570

ATTACHMENTS➢ **X** STANDARD BILLING RATES

ACCEPTED BY:	SUBMITTED BY: Robert G. Wasp, P.E., President
CLIENT:	1/12/21
SIGNATURE: DATE:	SIGNATURE: DATE:

Attachment

WASP Engineering Group, PLLC

2021 BILLING RATES

PROFESSIONAL AND TECHNICAL SERVICES

LABOR BILLING SCHEDULE

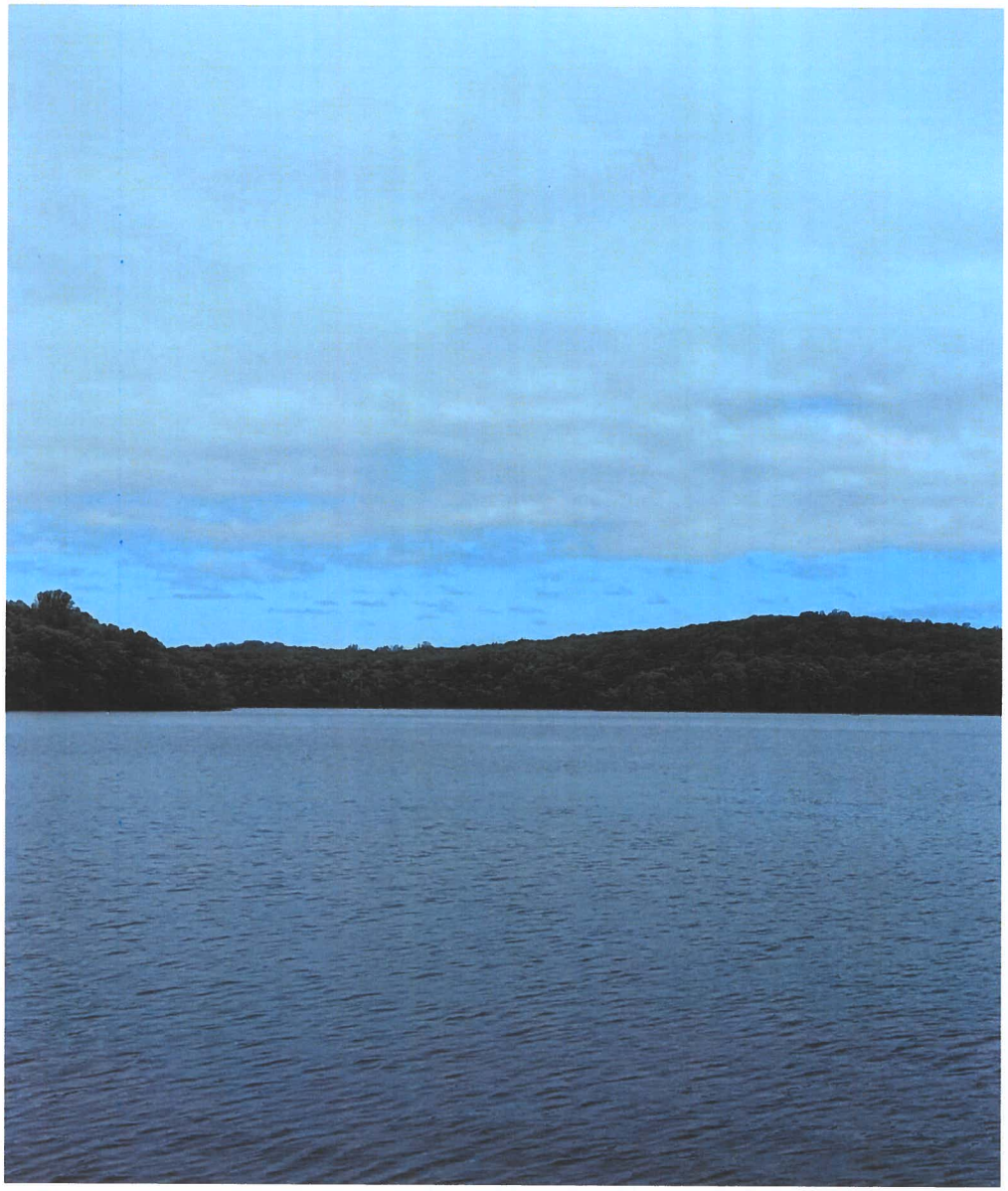
Principal/ Professional Engineer	$ 195.00 /hr.
Project Engineer	$ 130.00/hr.
Auto CADD Tech	$ 130.00/hr.
Const, Inspector/Field Technician	$ 90.00/hr.

These rates are for the period thru December 31, 2021

Westchester Joint Water Works

Rye Lake Water Filtration Plant

WJWW Board Meeting
January 12, 2021



Rye Lake Water Filtration Plant

WESTCHESTER JOINT WATER WORKS

Treatment Selection

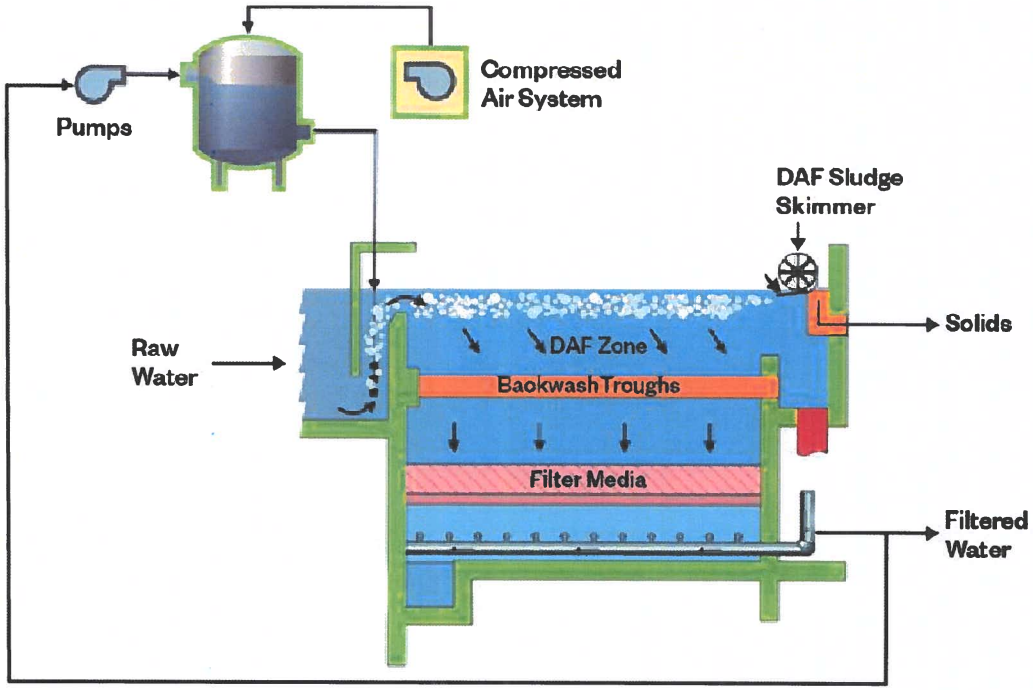
- Dissolved Air Flotation/Filtration (DAFF) treatment
- Used widely throughout the Northeast on similar water supplies

Capacity

- 30 million gallons per day

Building Size

- Approximately 1 acre



Filtration Facility Background

WESTCHESTER JOINT WATER WORKS

United States Environmental Protection Agency (USEPA) Surface Water Treatment Rule (SWTR) Filtration Requirement Compliance History

1999

Injunction from NYS Attorney General to require WJWW to construct a water filtration facility for Rye Lake water source

2004

Court Order from NYS Supreme Court to construct a water filtration plant by December 2008

WJWW working with the NYSDOH in exploring compliance alternatives to filtration

2009

WJWW met with WCA regarding potential siting for a filtration facility

WJWW committed to construction of a filtration plant and working with Westchester County in exploring site viability at WCA

2016

2017

2018

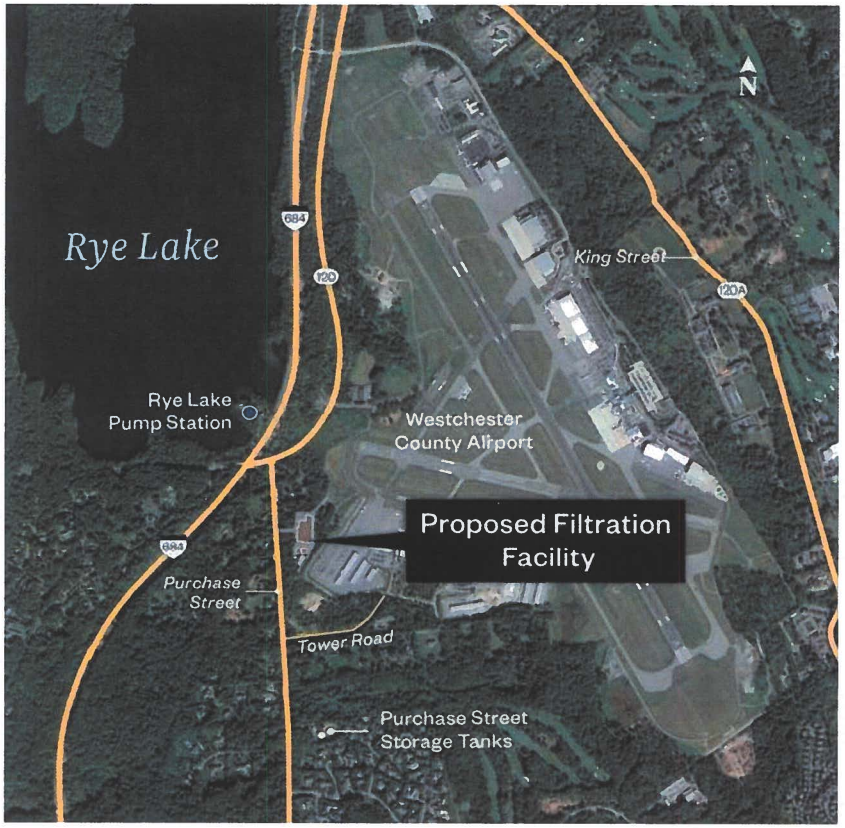
2019

July 11, 2019:
USEPA Administrative Order (AO) requiring WJWW to submit plans within 30 days to address longstanding violation of the SWTR filtration requirement

November 26, 2019:
USEPA Administrative Order (AO) requiring WJWW to commence design of the proposed Rye Lake Filtration Facility and begin SEQR process by Jan. 31, 2020 with the Filtration Facility operational by October 15, 2024

Proposed Water Filtration Plant Site Plan

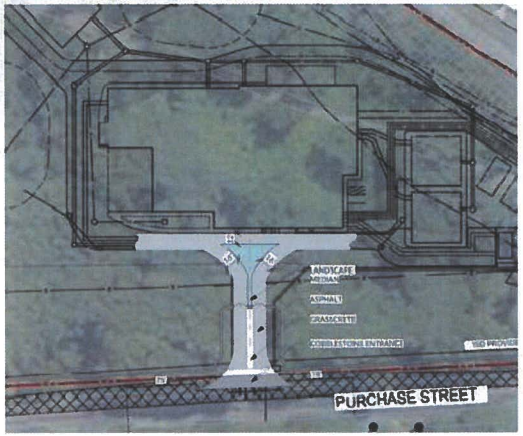
WESTCHESTER JOINT WATER WORKS



Site Design Features

Purchase Street Entry: Preliminary Concept Images

- Create a site entry signature resonating with residential fabric
- Mitigate viewsheds of building beyond via landscape baffles
- Accommodate technical requirements of various vehicle types
- Maintain a secure and monitored primary entrance

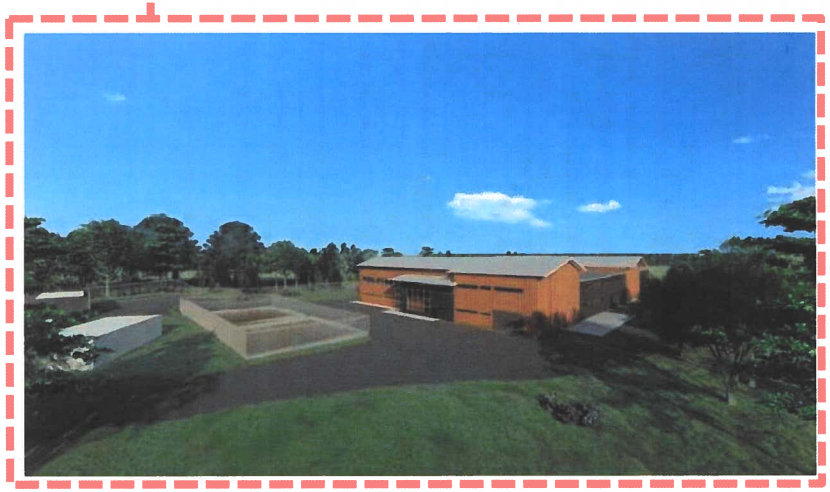


Purchase Street Entry:
Preliminary Concept Plan

Initial Architectural Massing Studies

WESTCHESTER JOINT WATER WORKS

Previous Explorations



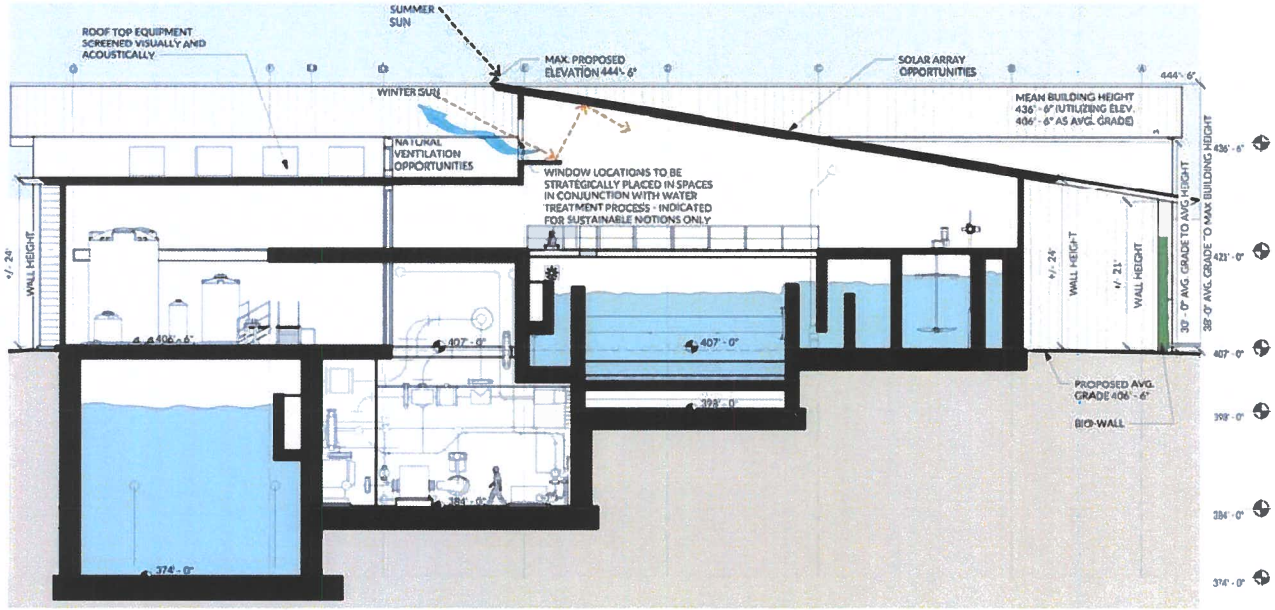
Selected Transverse Gable Massing

Architectural Design

Selected Transverse Gable Massing

- Introduce rural forms creating scalable building elements and features
- Introduce practical roof form areas supporting sustainable means and methods
- Create a hierarchy of roof forms to visually and acoustically screen rooftop equipment
- Introduce a range of tactile exterior building elements and finishes

Architectural Design



Preliminary conceptual building section

- Diverse set of building forms to mitigate sense of building volume and scale
- Introduce practical roof form areas supporting sustainable means and methods (Photovoltaic and use of natural daylighting)
- Create a hierarchy of roof forms to visually and acoustically screen rooftop equipment
- Vegetative feature opportunities as building design elements

Architectural Materials

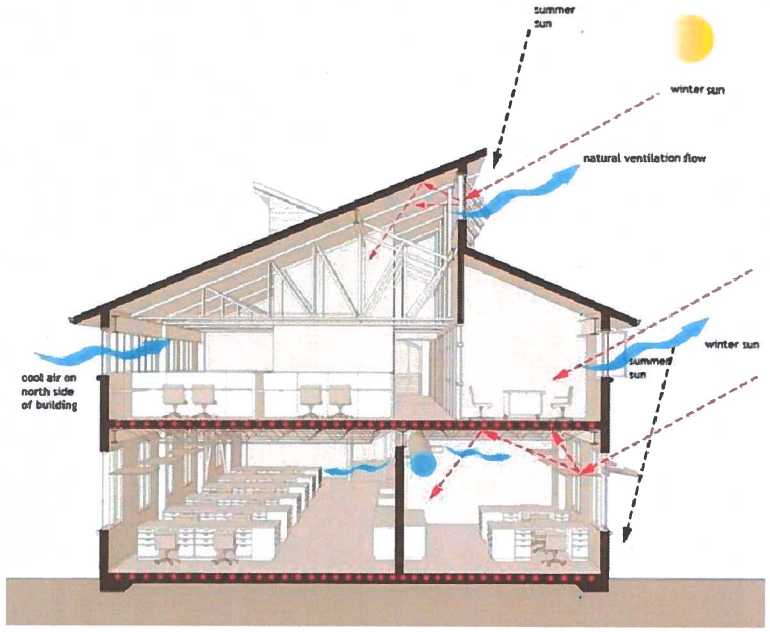
Exterior siding, roofing and cladding

WESTCHESTER JOINT WATER WORKS

Current building material studies explore a range of solutions to embrace tactile surfaces lending to scale and rural architecture introduced a fresh design notions.

Sustainable Means, Methods & Features

Photovoltaic PV

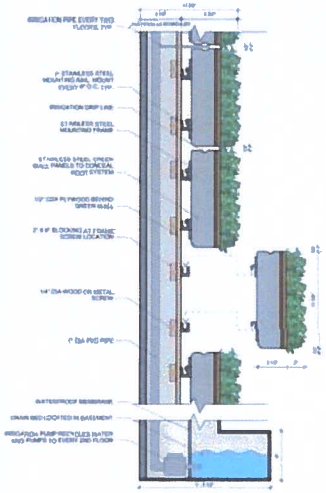


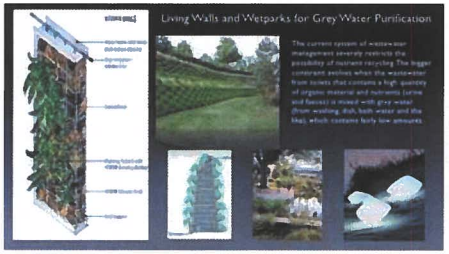
Use of Daylighting

WESTCHESTER JOINT WATER WORKS

Current building massing explores a range of solutions t provide opportunities for significant daylight gathering and large scale solar arrays

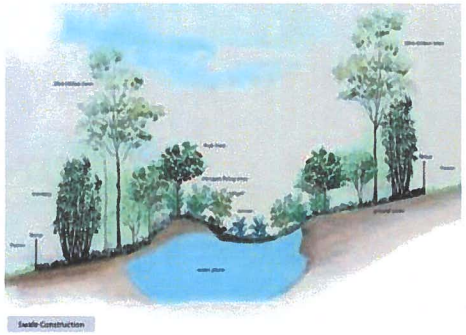
Sustainable Means, Methods & Features





'Live Wall" or Bio-wall

Site Screening



Site Bioswales

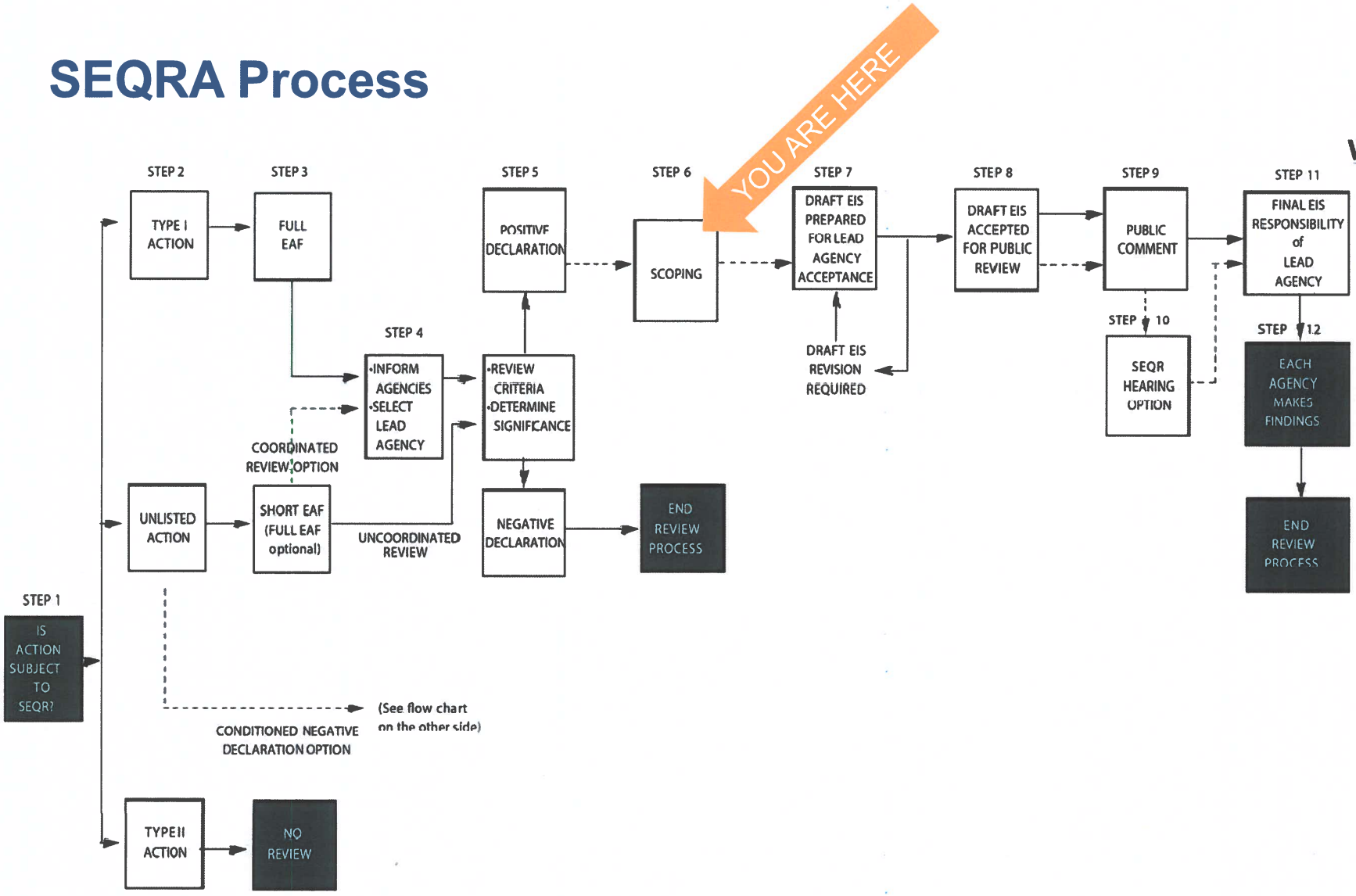
Current building material studies explore a range of solutions to integrate vegetative features both as building and site elements. The vegetative or 'live green' opportunities can be utilized a: performance and screening components.

Approvals & Permits

Agency	Permit/Approval
US EPA	• Compliance with Administrative Order • WIFIA Program
USACOE	• Wetlands / Section 404 Clean Water Act
US FWS	• Endangered Species Consultation
FAA	• Notice of Proposed Construction or Alteration
NYS DEC	• SPDES General and Industrial • Water Quality Certification
Enviro Facilities Corp / NYSDOH	• Drinking Water State Fund Program • Water Infrastructure Improvement Act Grant
NYS DOH	• Compliance with Court Order • Approval of Treatment Process and Plant Design & Completed Works
NYS HPO	• Historic Consultation
NYC DEP	• Revocable Land Use Permit
Westchester County DOH	• Approval of Completed Work

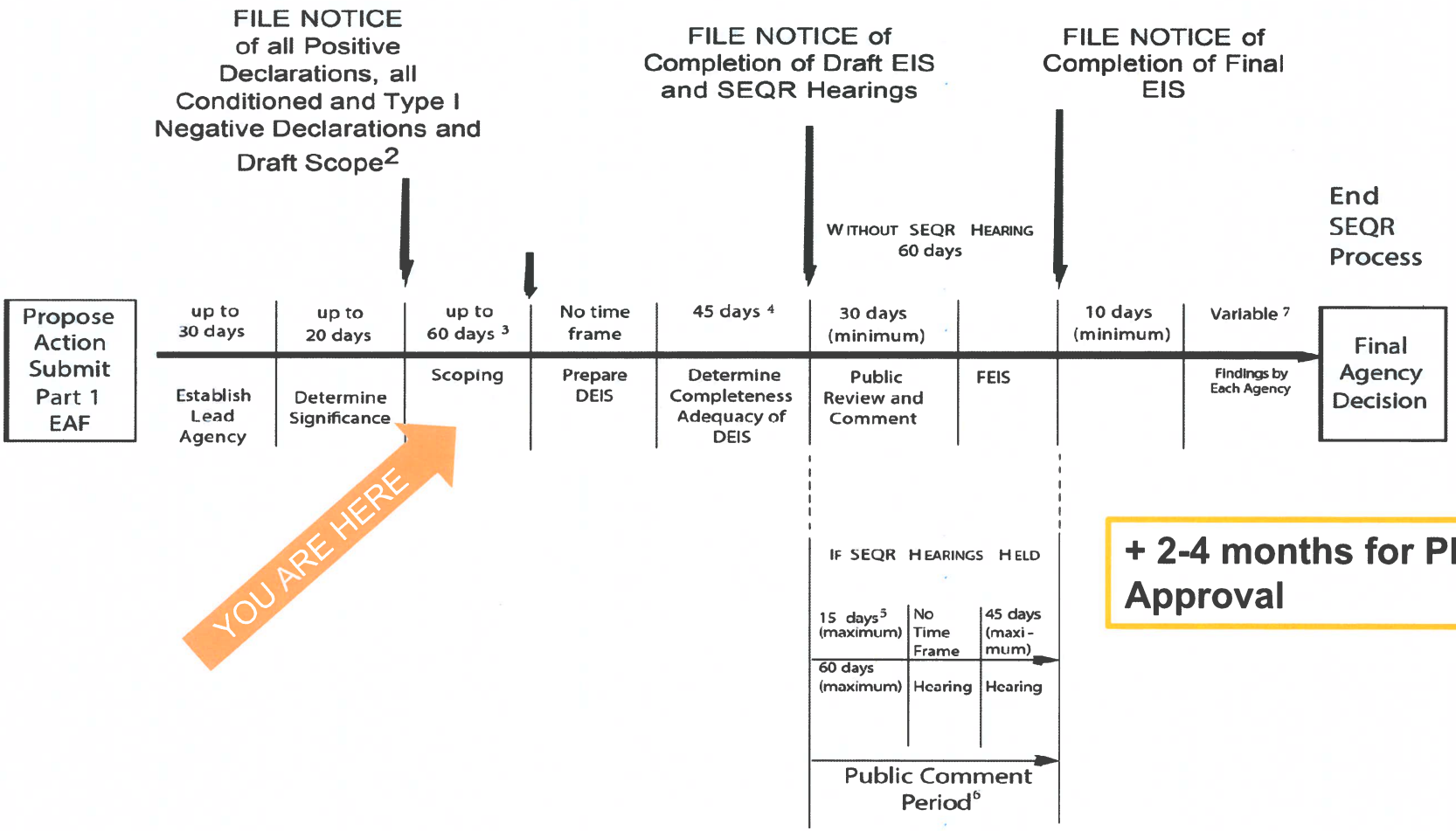
Agency	Permit/Approval
Westchester County Board of Legislators	• Approvals for obtaining property rights and sewer easements
Westchester DPW	• Building Approvals and Road Permits
County Department of Environmental Facilities	• Sewer Connection Approval
Westchester County Planning Board	• Administrative Review
Town & Village of Mamaroneck, Town/Village of Harrison Town Boards	• Funding Approval
Town/Village of Harrison Planning Board	• Freshwater Wetlands Permit • Site Plan Approval
Town/Village of Harrison Town Board	• Special Exception Use Permit
Town/Village of Harrison Architectural Review Board	• Architecture Approval
Town/Village of Harrison Building Department	• Building Permit • Tree Removal Permit
Town/Village of Harrison Building Department	• Land Disturbance Approval • Sewer Hookup

SEQRA Process



WESTCHESTER JOINT WATER WORKS

SEQRA Timeline



+ 2-4 months for Planning Board Approval

SEQR Technical Team

Hazen

NEXUS creative

WESTCHESTER JOINT WATER WORKS

NELSON POPE VOORHIS
environmental • land use • planning

B. LAING ASSOCIATES

Kimley»Horn

EIS Scope- Analyses

WESTCHESTER JOINT WATER WORKS

Existing Conditions, Potential Impacts & Mitigation Measures:

- Land Use, Zoning & Public Policy,
- Community Character & Visual Impacts
- Fiscal & Economic Impacts
- Community Services
- Utilities
- Stormwater
- Geology, Soils & Topography
- Vegetation & Wildlife
- Wetlands, Waterbodies, Watercourses & Floodplains
- Archeological & Historical Resources
- Traffic & Transportation
- Noise
- Air
- Public Health
- Construction

EIS Scope- Alternatives

WESTCHESTER JOINT WATER WORKS

Alternative #1

- No Action- Discusses the scenario where the status of existing land use remains unchanged

Alternative #2

- Alternative Site Plan- Discuss the option of building the plant on the WJWW property which is part of the land swap in the proposed action

Alternative #3

- Alternative Filtration Technology - Discuss the potential of meeting the EPA Administrative Order, Judgment and Order of New York State Supreme Court, and current federal drinking water standards through another technology other than what is proposed in the Proposed Action

Alternative #4

- Alternative Façade Treatments