

**Addendum No. 1
to the Bidding Documents**

**Shuttle Meadow Pump Station Rehabilitation
Plainville, Connecticut**

Issued November 16, 2023

Under the provisions of Article 7 of Section 00200, Instructions to Bidders, Bidders are informed that the Bidding Documents for the above-mentioned Project are modified, corrected, and/or supplemented as follows. Addendum No. 1 becomes part of the Bidding Documents and Contract Documents.

Acknowledge receipt of this addendum by inserting its number on Page 00410-3, Article 5.2 of the Bid form. Failure to acknowledge receipt of the Addendum may subject the Bidder to disqualification.

Project Manual Changes

Item 1-1 Section 13121 – Precast Concrete Building

Add “g. Damper serving louvers without dust connection shall be installed within the wall cavity to limit space obstructions.” to Paragraph 2.16.B.3.

Drawing Changes

Item 1-2 Drawing D-102

Change the scale on the drawing to $\frac{1}{2}'' = 1'0''$.

Clarification: *the scale as drawn is actually $\frac{1}{2}'' = 1'0''$ even though it is incorrectly labelled as $\frac{1}{4}'' = 1'0''$.*

Item 1-3 Drawing C-101

Replace the text of #5 in the Suggested Sequence of Work with the following: “Perform demolition work associated with existing dry pump chamber, Control & Generator Building, and existing underground electric service.”

Bidding Period Questions & Responses

The following responses/clarifications are based on questions raised during the bidding period. A copy of the pre-bid conference agenda and attendance sign-in sheet are attached, as well as a copy of the photographs that were available for review at the meeting.

1. **Question:** Will Tighe & Bond mark out the property line prior to bidding?
Some trees will need to be cut down to allow for crane access.

Answer: Please refer to the attached survey. Individual trees that the Contractor proposes removing shall be marked by the Contractor for the Town's review and approval. The Town does not object to selective removal of Town-owned trees as needed for crane access.

2. **Question:** Would electric bypass pumps be acceptable, and if so, would the Town pay for the electricity?

Answer: Electric bypass pumps would be acceptable as long as a standby generator is provided with an automatic transfer switch to transfer power to the generator if utility power fails. The Contractor shall make all temporary connections and shall meter bypass power usage. The Contractor shall either pay the utility company directly for all bypass pump electric costs or reimburse the Owner.

3. **Question:** On drawing A-101 the building is notes as 13'-6" wide. Can the new precast electrical service building width be changed to 12' wide? Twelve foot wide building is a standard and allows for standard shipment to the site.

Answer: Yes, a precast electrical service building that is 12' wide (exterior dimension) would be acceptable, provided that it meets all other specification requirements plus the following additional requirements:

- a. The revised layout shall satisfy all applicable codes and shall be approved by the Owner and Engineer.
- b. The building length shall be increased such that the interior square footage is not reduced.
- c. All changes required as a result of the change in the dimensions shall be made at no additional cost to the Owner including but not limited to electrical changes, site changes and foundation changes.
- d. The following clearances are required:
 - i. 36" clearance in front of LP1 and BC.
 - ii. 42" clearance in front of DP1, VFD1, VFD2, PCP, ATS, XFMR1, and the telemetry panel.
 - iii. The dimension from the generator to the exhaust louver on the southwest wall shall not be reduced.
 - iv. The dimension from the generator to the intake louver on the southeast wall shall not be reduced to less than 3'.
- e. As a suggested layout, the following option appears to satisfy the above requirements:

- i. Extend the building lengthwise to match the interior square footage. The generator moves in conjunction with the southwest wall.
- ii. VFD1 and VFD2 should move to the southeast wall, east of the generator so that the generator does not impede the required clearance.
- iii. The Pump Control Panel should move about 4" toward the northeast wall. Since the generator is moving southwest, the PCP would no longer be in line with the generator.
- iv. The telemetry panel would move to the southwest wall, where VFD1 is shown now.
- v. DP1 and LP1 would move to the northwest wall, west side, where VFD2 is currently. These would be the only electrical equipment in line with the generator.
- vi. Shift the generator towards the southeast wall by a few inches to provide adequate clearance on both sides.
- vii. The battery charger may be moved to any suitable location.

4. **Question:** Was the soil checked for hazardous materials?

Answer: Refer to Drawing C-102.

5. **Question:** Will the Town's permit fees be waived?

Answer: Yes.

6. **Question:** What is the estimated value of the project?

Answer: Due to a wide range of pricing observed for comparable projects, the Town has elected to solicit real pricing from Bidders prior to establishing a budget value for the project and therefore there is no estimated value available at this time.

7. **Question:** Would you consider a built-in-place building in lieu of a pre-engineered building?

Answer: No.

8. **Question:** Bid item # 4 indicates to plan for 400 CY of contaminated soil disposal. The site is very small and temporarily stockpiled on site of material may be a problem. Is there another approved town-owned property to stockpile materials as indication in specification section 02110-4 subsection 3.6 A?

Answer: As one available option, the Town has a 50' x 70' paved area available at the Plainville Water Pollution Control Facility at 100 Cronk Road, Plainville, CT that may be utilized for temporarily stockpiling polluted and/or contaminated material.

9. **Question:** The existing underground electrical service lines and pump station power services lines shown on drawing D-101 need to be relocated to install the new pump station sheeting & station. Can this be added to the suggested sequence of work on drawing C-101?

Answer: Please see the drawing change in Item 1-3 above.

10. **Question:** The Advertisement For Bids states that bidders shall be DAS pre-qualified under the category of "Water Treatment Plants". Can the DAS categories of either Sewer and Water Lines and/or Sitework be added as well allowing a bidder with either one of these three (3) categories to bid the project? This would allow the Owner to receive more bids.

Answer: Bidders shall be DAS pre-qualified under the category of "Water Treatment Plants" as specified.

11. **Question:** Notes on demolition drawing D-101 indicate to demolish structure and concrete pad of the existing pump station. But drawing S-102 and M-102 indicate to cut the access tube and abandoned the existing structure and concrete pad in place. Please clarify.

Answer: Refer to Drawing D-102. The grade-level concrete pad is to be demolished. The access tube is to be demolished down to 5' deep. The existing dry pump chamber is to be filled with flowable fill and abandoned in place, along with the below-grade concrete pad it sits on.

12. **Question:** Reference Plan Sheet M-101: Can the pump station piping/fittings in the valve vault be oriented in a more direct means to accomplish the same end discharge? It appears an additional layer of piping is in place to support a flow meter or other piece of equipment; which does not appear to be required in this project.

Answer: The valve vault pipe/fitting orientation is intended to support the potential future addition of a flow meter. Please bid based on the orientation shown.

13. **Question:** Was there additional Hazardous Building Materials testing done beyond what is indicated to be positive?

Answer: Yes. All accessible lead and asbestos-suspect materials scheduled to be demolished were tested. Only the materials listed in the specifications were found to be positive. For more information, refer to the attached HBM tables 1, 2, 3, and 4.

14. **Question:** Are we to assume that painted materials in the existing Control and Generator Building contain PCBs?

Answer: No. The existing Control and Generator Building was built in the 1990s and PCBs are not suspected. Refer to Section 13286, Paragraph 1.1.C. PCBs are to be assumed at the dry pump chamber as indicated in Section 13286, which is only being partially demolished as indicated on the Drawings.

15. **Question:** Was an asbestos report performed? Table 1 of the ACM Base calls out the brown caulk exterior to the door frame as asbestos but no mention of a homogeneous brown caulk around the perimeter soffit.

Answer: Refer to the attached Table 1 Summary of Asbestos-Containing Materials Sampling.

16. **Question:** Could you please give us the approximate elevation of the force main at the connection point, and the anticipated incoming flows for the existing pump station at each of the inflow points?

Answer: It is unknown what the elevation of the force main is at the connection point. However, the record drawings attached to Section 00800 indicate that the centerline of the force main as it leaves the dry pump chamber is approximately 155.50 NGVD29, which converts to approximately 154.61 NAVD88. We anticipate that the force main at the connection point will be at approximately the same elevation.

We do not have reliable incoming flow data. Therefore, for the sake of sizing bypass pumping provisions and maintaining flow at all times throughout construction, the Contractor shall use the peak design capacity of the existing pump station (1,230 gpm, refer to Section 01580 paragraph 2.2B.1) for sizing the bypass pumping system and making provisions to maintain flow at all times. Note that drawdown testing data from November 2022 suggested a total inflow of 140 gpm at the time of the test, suggesting that actual flows may be lower.

END OF ADDENDUM NO. 1

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Town of Plainville, Shuttle Meadow Pump Station Rehabilitation – Project 2024-05

Pre-Bid Conference

Location: Shuttle Meadow Pump Station, 66 Shuttle Meadow Road, Plainville, CT

Date: November 2, 2023 at 10 a.m.

1.	Name	Company	G.C.? (yes or no)	Address	Phone	Email
1.	Mike Wiazimwal	Ch Nickerson	yes	49 Hayden Hill Rd Torrington CT	860-489-0953	Mwiazimwal@nickerson.com
2.	David Allen	Kovacs Cons Corp	yes	231 Riggs St. Oxford, Ct.	803-743-9022	dallen@kococo.com
3.	Kiri Potter	Holcar Construction	yes	62 Russell St New Haven CT	203-335-4204	estimating@holcarconstruction.com
4.	Jeanne Jeter	United Rentals	no	102 Old Waterbury Rd Oxford, MA	508 713 3309	jeter@ur.com
5.	PETER BOURCHARD	TUCKER MECH.	YES	355 BRAD ST. ROCKY HILL CT.	203-630-7234	PBOURCHARD@EMVON.NET
6.	Sabum Albad	Associated Construction	Yes	55 Air Port Rd suite 206 Waterford, CT 06184	860 324 2779	sab@accg.com
7.	Bill Bossio	Yukon Elec	no	150 Carter Henry Dr Sedgwick CT	203 543 7981	bbos@yucel.com
8.	Keith Goren	Spectrum Env.	No	16 HAMILTON AVE WEST HAVEN CT	Cell- 860 878 2155	kgoren@spectrum-env.com
9.						
10.						

Shuttle Meadow Pump Station Rehabilitation – Project 2024-05 Town of Plainville, CT

LOCATION: Shuttle Meadow Pump Station, 66 Shuttle Meadow Road, Plainville, CT

DATE: November 2, 2023

START TIME: 10 a.m.

1. Introductions

- a. Owner & Engineer Introductions
- b. Sign-in sheet

2. Project Description

- c. New precast wet well and valve vault with submersible pumps, piping, valves, and mixer
- d. New pre-engineered and fabricated electrical building with new VFDs, pump controls, instrumentation, generator, etc.
- e. Retrofit existing wetwell into a sewer manhole and tie into new wetwell
- f. Partial demolition/abandonment of existing pump station
- g. Bypass pumping
- h. Relocate existing communications equipment into new electrical building

3. Project Coordination/Work Constraints

- a. Sewage flow must remain operational throughout the construction period. Conduct activities so that flow from the gravity sewer is pumped to the force main without interruption or backing up the gravity sewer.
- b. Refer to Section 01310, Coordination, Section 01580, Bypass Pumping, and C-101 for detailed coordination requirements and sequence of construction guidelines.
 - i. Prep work & test pitting
 - ii. Install bypass pump system from existing wet well to existing bypass connection point
 - iii. Demolition
 - iv. Install new pump station
 - v. Cut into existing wetwell and complete sewer pipe to new manhole
 - vi. Short-term shutdown bypass pumping to tie new valve vault into existing force main, using old & new wetwell for storage. Relocate bypass to new pump station bypass suction & discharge connections.
 - vii. Utilize temporary flow-through plugs & temporary piping to complete work in existing wetwell
 - viii. Install electrical building
 - ix. Startup new pump station & place bypass pump system into standby
 - x. Complete remaining work

4. Preparation of Bid

- a. Refer to Section 00200, Instructions to Bidders.
- b. Submit 1 copy of complete Bid package (Section 00410 & other forms). A photocopied package is included loosely in the Project Manual.
- c. Bid Security
- d. Evidence of authority to sign
- e. CWF DBE Subcontractor Participation form
- f. Plainville Drug and Alcohol Testing Program Compliance certification
- g. Evidence of authority to do business in CT
- h. DAS Prequalification Certificate
- i. DAS Update Statement
- j. List of major subcontractors
- k. List of adversarial proceedings in the past 10 years
- l. List of terminations within the past 10 years
- m. Year of incorporation
- n. Written questions must be received at least 8 business days prior to bid opening or the questions may not be answered.
- o. Addenda will be issued at least 5 business days prior to Bid opening.

5. Bidder Qualifications

- a. Must be experienced in the kind of Work to be performed.
- b. DAS Prequalification required under the category of "Water Treatment Plants"

6. Bid Opening – November 29, 2023 at 11 a.m. at the Plainville Town Hall, Town Manager's Office. Bids are valid for 120 days.**7. Contract Times (Section 00520, Agreement)**

- a. Substantial Completion – 480 days after Notice to Proceed
- b. Final Payment – 540 days after Notice to Proceed
- c. Liquidated Damages - \$1,280 per day

8. Hazardous Materials Abatement

- a. Refer to Section 13281 for asbestos abatement requirements
- b. Refer to Section 13282 for lead paint management
- c. Refer to Section 13283 for hazardous materials management
- d. Refer to Section 13286 for PCB-containing materials abatement

9. Permits (Section 01110, Summary of Work, Paragraph 1.4A)

- a. CT DEEP Stormwater General Permit
- b. Building Permit

- c. Asbestos and Hazardous Materials Abatement Notifications
- d. Comply with Town of Plainville Inland Watland Permit
- e. Comply with Town of Plainville Planning and Zoning Permit

10. Working Hours (Section 01140, Work Restrictions)

- a. Conduct work during weekdays, between the hours of 7:00 a.m. and 3:30 p.m. No equipment or machinery may be started at the site before 8:00 a.m. and all equipment must be shut off by 3:00 p.m.
- b. Coordination of work with the Town's operators must occur between 7:30 a.m. and 3:00 p.m. of the regular work day.
- c. No work on Saturday, Sunday, or legal holidays except under extenuating circumstances approved by the Owner.

11. Progress Payments (Section 00520 Agreement)

- a. Monthly payments
 - i. 5% retainage withheld until work is 50 percent complete
 - ii. After 50% complete, retainage reduced to 2% until substantially complete
- b. Substantial Completion – retainage reduce to the amount necessary to assure completion

12. Final Payment (Article 15.06, Section 00700)

- a. Contractor submits final Application for Payment, including
 - i. Documentation required by Contract Documents, including evidence of insurance
 - ii. Consent of surety to final payment
 - iii. List of unsettled claims against Owner & Contractor
 - iv. Release of liens
- b. Waiver of Claims

13. Correction Period (Article 15.08, Section 00700)

- a. 1-year after Substantial Completion

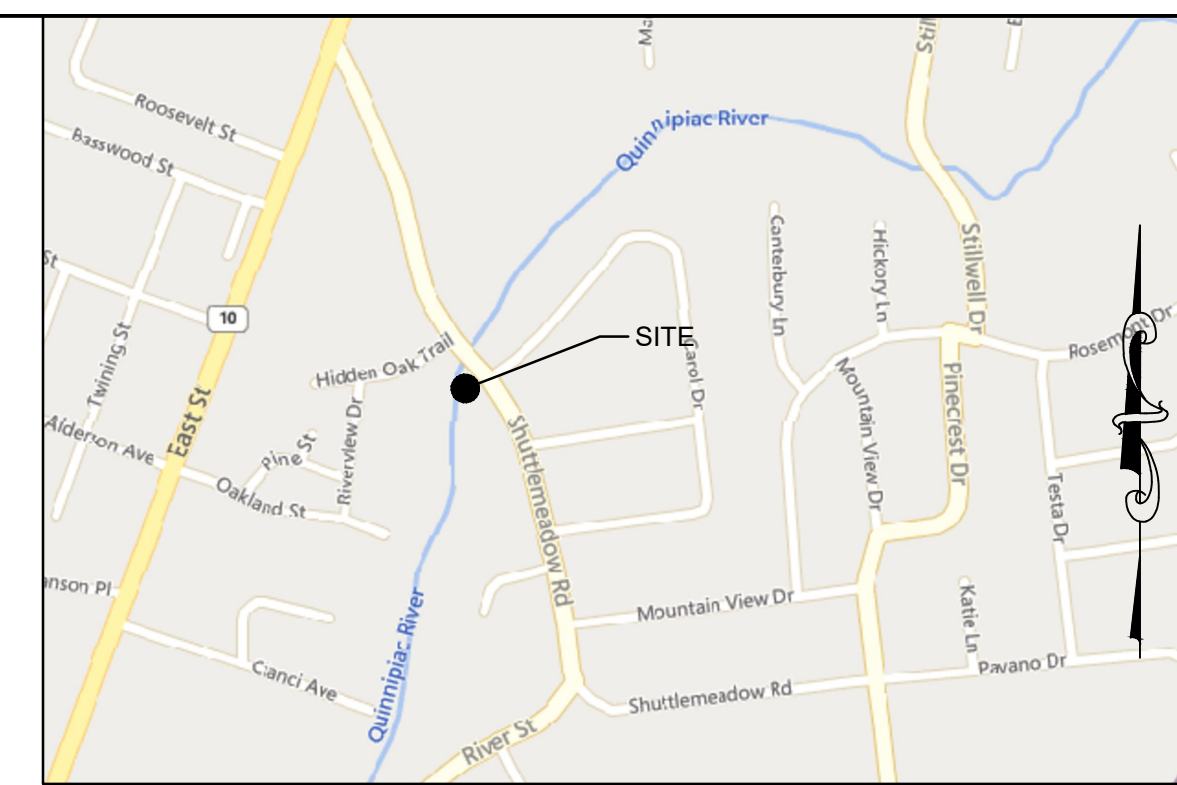
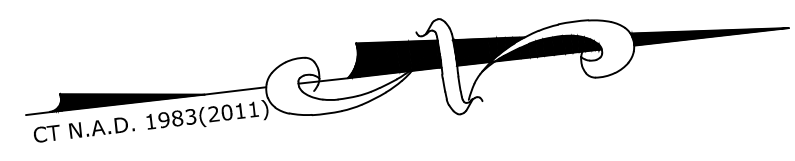












LEGEND:

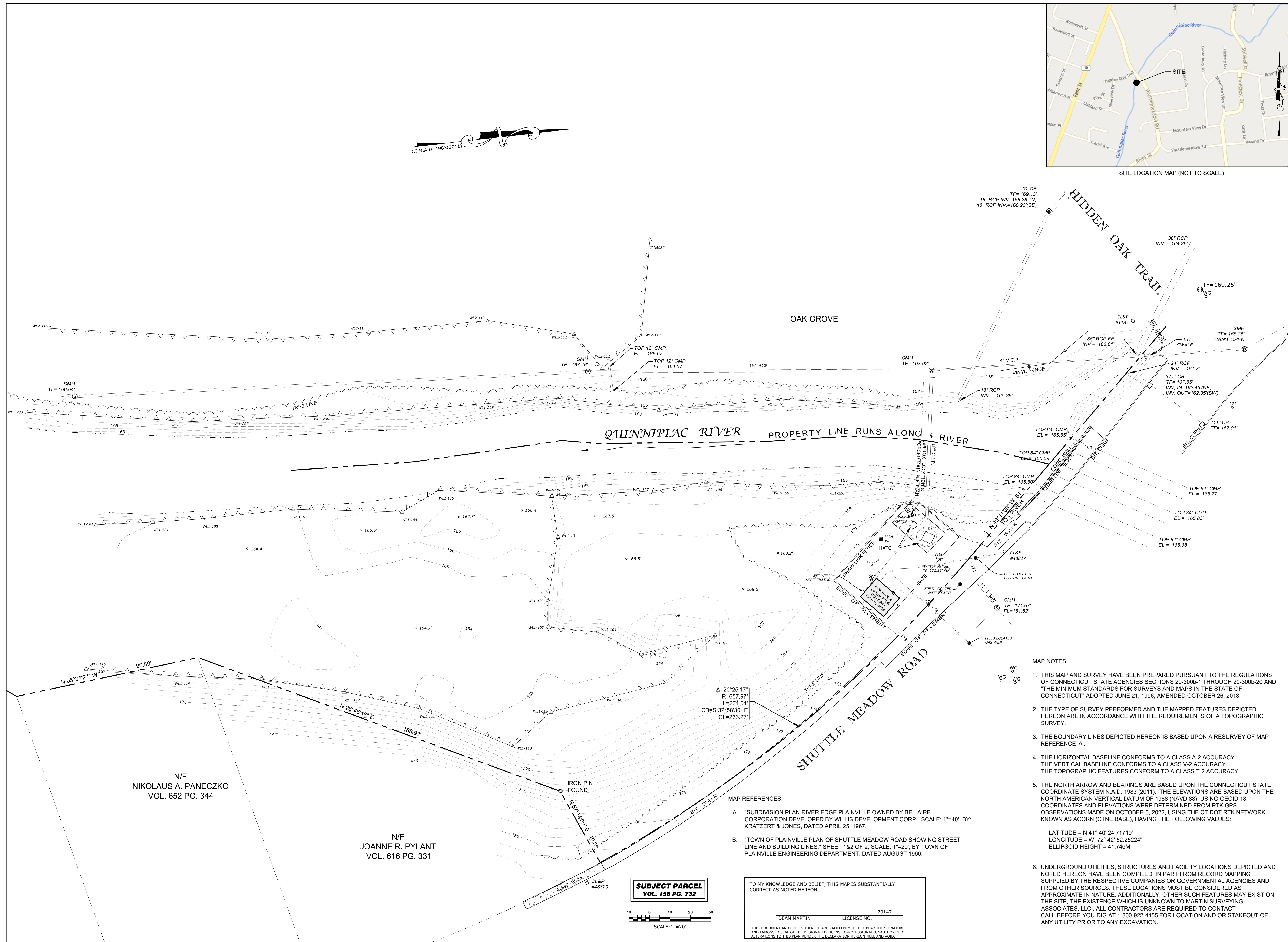
○ IRON PIN (FOUND)	△ SIGN
● Rebar/Drill Hole (To Be Set)	○ POST
□ MONUMENT (FOUND)	☆ LIGHT POLE
⊙ MANHOLE	⊙ UTILITY POLE
⊙ DRAINAGE MANHOLE	WG WATER GATE
⊙ SANITARY MANHOLE	WG WATER METER
⊙ ELEC. MANHOLE	WG GAS VALVE
⊙ TELE. MANHOLE	WG GAS METER
⊙ "C" CATCH BASIN	⊙ TRANSFORMER
⊙ "C-L" CATCH BASIN	⊙ ELEC. METER
⊙ DECIDUOUS TREES	⊙ MAIL BOX
☆ EVERGREEN TREES	⊙ HAND HOLE
⊙ SHRUB/BUSH	⊙ BUTTON BOX
⊙ FLAG POLE	⊙ A.C. UNIT
⊙ TRAFFIC CONTROL BOX	⊙ TRAFFIC LIGHT POLE

---	BOUNDARY LINE
---	GUARD RAIL
---	UNDERGROUND PIPING (San., Stm.)
G	U/G GAS LINE
E	U/G ELEC. LINE
W	WATER LINE
T	OVERHEAD UTILITIES
---	U/G TELE. LINE
---	CHAIN LINK FENCE
---	TREE LINE



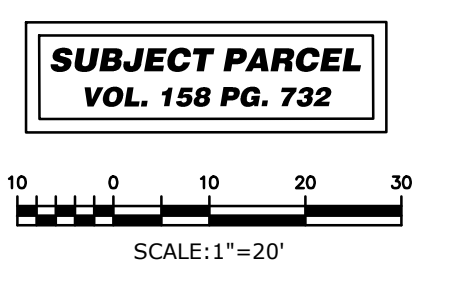
REVISIONS:

TOPOGRAPHIC SURVEY
SHUTTLE MEADOW PUMP STATION
TOWN OF PLAINVILLE
SHUTTLE MEADOW AVENUE
PLAINVILLE, CONNECTICUT



- MAP NOTES:
- THIS MAP AND SURVEY HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND "THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED JUNE 21, 1996; AMENDED OCTOBER 26, 2018.
 - THE TYPE OF SURVEY PERFORMED AND THE MAPPED FEATURES DEPICTED HEREON ARE IN ACCORDANCE WITH THE REQUIREMENTS OF A TOPOGRAPHIC SURVEY.
 - THE BOUNDARY LINES DEPICTED HEREON IS BASED UPON A RESURVEY OF MAP REFERENCE 'A'.
 - THE HORIZONTAL BASELINE CONFORMS TO A CLASS A-2 ACCURACY. THE VERTICAL BASELINE CONFORMS TO A CLASS V-2 ACCURACY. THE TOPOGRAPHIC FEATURES CONFORM TO A CLASS T-2 ACCURACY.
 - THE NORTH ARROW AND BEARINGS ARE BASED UPON THE CONNECTICUT STATE COORDINATE SYSTEM N.A.D. 1983 (2011). THE ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88) USING GEOID 18. COORDINATES AND ELEVATIONS WERE DETERMINED FROM RTK GPS OBSERVATIONS MADE ON OCTOBER 5, 2022, USING THE CT DOT RTK NETWORK KNOWN AS ACORN (CTNE BASE), HAVING THE FOLLOWING VALUES:
 LATITUDE = N 41° 40' 24.71719"
 LONGITUDE = W 72° 42' 52.25224"
 ELLIPSOID HEIGHT = 41.746M
 - UNDERGROUND UTILITIES, STRUCTURES AND FACILITY LOCATIONS DEPICTED AND NOTED HEREON HAVE BEEN COMPILED, IN PART FROM RECORD MAPPING SUPPLIED BY THE RESPECTIVE COMPANIES OR GOVERNMENTAL AGENCIES AND FROM OTHER SOURCES. THESE LOCATIONS MUST BE CONSIDERED AS APPROXIMATE IN NATURE. ADDITIONALLY, OTHER SUCH FEATURES MAY EXIST ON THE SITE, THE EXISTENCE WHICH IS UNKNOWN TO MARTIN SURVEYING ASSOCIATES, LLC. ALL CONTRACTORS ARE REQUIRED TO CONTACT CALL-BEFORE-YOU-DIG AT 1-800-922-4455 FOR LOCATION AND OR STAKEOUT OF ANY UTILITY PRIOR TO ANY EXCAVATION.

- MAP REFERENCES:
- "SUBDIVISION PLAN RIVER EDGE PLAINVILLE OWNED BY BEL-AIRE CORPORATION DEVELOPED BY WILLIS DEVELOPMENT CORP." SCALE: 1"=40', BY: KRATZERT & JONES, DATED APRIL 25, 1967.
 - "TOWN OF PLAINVILLE PLAN OF SHUTTLE MEADOW ROAD SHOWING STREET LINE AND BUILDING LINES" SHEET 1&2 OF 2. SCALE: 1"=20'. BY TOWN OF PLAINVILLE ENGINEERING DEPARTMENT, DATED AUGUST 1966.



TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

DEAN MARTIN LICENSE NO. 70147

THIS DOCUMENT AND COPIES THEREOF ARE VALID ONLY IF THEY BEAR THE SIGNATURE AND EMBOSSED SEAL OF THE DESIGNATED LICENSED PROFESSIONAL, UNAUTHORIZED ALTERATIONS TO THIS PLAN RENDER THE DECLARATION HEREON NULL AND VOID.

N/F
NIKOLAUS A. PANECZKO
VOL. 652 PG. 344

N/F
JOANNE R. PYLANT
VOL. 616 PG. 331

SUBJECT PARCEL
VOL. 158 PG. 732

MSA PROJECT NO:	
SCALE: 1"=20'	DRAWN BY: GD
DATE: 10/19/2022	CHECKED BY: DGM
SHEET:	
1 OF 1	

TABLE 1
 Summary of Suspect Asbestos-Containing Materials Sampling
 Town of Plainville
 Plainville Water Pollution Control
 66 Shutter Meadow Road
 Plainville, CT

Sample ID	Material Description	Color	Material Location	Approximate Quantity	Asbestos Result	Comments
EPA (>1%) & CTDPH (≥1%) Regulated Asbestos						
2022-1102-PLM-RT-07,-08	Door Frame Caulk	Brown	Pump House	1 Door (22 LF)	5% Anthophyllite	Associated door frame paint is lead-based
Non-Asbestos Containing / Non-Regulated						
2022-1102-PLM-RT-01, -02	Gypsum Board Ceiling	Gray	Pump House	N/A	None Detected	
2022-1102-PLM-RT-03, -04	Joint Compound	White	Pump House	N/A	None Detected	
2022-1102-PLM-RT-05, -06	Fiberglass Pipe Insulation Sealant	White	Pump House	N/A	None Detected	
2022-1102-PLM-RT-09, -10	Concrete Pad	Gray	Pump House	N/A	None Detected	
2022-1102-PLM-RT-11, -12	Exterior Block	Brown	Pump House	N/A	None Detected	
2022-1102-PLM-RT-13, -14	Block Grout	Gray	Pump House	N/A	None Detected	
2022-1102-PLM-RT-15, -16	Concrete Foundation	Gray	Pump House	N/A	None Detected	
2022-1102-PLM-RT-17, -18	Exterior Louver Caulk	Clear	Pump House	N/A	None Detected	
2022-1102-PLM-RT-19, -20	Asphalt Roof Shingle - Top Layer	Black	Pump House	N/A	None Detected	
2022-1102-PLM-RT-21, -22	Asphalt Roof Shingle - Bottom Layer	Black	Pump House	N/A	None Detected	
2022-1102-PLM-RT-23, -24	Pipe Gasket	Red	Dry Well	N/A	None Detected	
2022-1102-PLM-RT-25, -26	Pipe Sealant	Beige	Dry Well	N/A	None Detected	
LEGEND						
Survey Performed By: Randy Taylor				CT State License #: 000889		
Survey Date(s): November 2, 2022						
ACM = Asbestos-Containing Material (Contains 1% or greater asbestos)						
LF = Linear Feet						
N/A = Not Applicable						
Bolded Areas Indicate ACM						

TABLE 2
 Summary of Suspect Lead Paint Materials Sampling - Chip
 Town of Plainville
 Plainville Water Pollution Control
 66 Shutter Meadow Road
 Plainville, CT

Sample ID	Paint Color	Substrate	Component	Material Location	Approximate Quantity	Result (% by weight)	Reporting Limit (RL)	Testing Date	Comments
2022-1103-LBP-RT-01	White	Gypsum Board	Ceiling	Pump House	N/A	0.058	0.008%	11/2/2022	
2022-1103-LBP-RT-02	Black	Wood	Wall Panel	Pump House	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-03	Gray	Concrete	Floor	Pump House	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-04	Brown	Metal	Door	Pump House	28 SF	4.0	0.008%	11/2/2022	
2022-1103-LBP-RT-05	Brown	Wood	Soffit	Pump House	N/A	<0.0083	0.008%	11/2/2022	
2022-1103-LBP-RT-06	Yellow	Metal	Gas Line	Pump House	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-07	Beige	Metal	Wall	Dry Well	N/A	<0.0080	0.008%	11/2/2022	Dry Well paints and associated substrates are presumed EPA Regulated PCB Bulk Product Waste ≥50 PPM
2022-1103-LBP-RT-08	Beige	Metal	Support	Dry Well	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-09	Tan	Metal	Pump	Dry Well	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-10	Blue	Metal	Pump	Dry Well	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-11	Red	Metal	Valve	Dry Well	N/A	<0.0080	0.008%	11/2/2022	
2022-1103-LBP-RT-12	Yellow	Metal	Ladder	Dry Well	30 SF	19.0	0.008%	11/2/2022	

Legend
 Survey Performed By: Randy Taylor
Bold Indicates Lead-Based Paint (>0.5% wt.)
 SF = Square Feet
 PPM = Parts Per Million
 N/A = Not Applicable

TABLE 3
 Summary of Presumed Suspect PCB Source Materials Visual Inventory
 Town of Plainville
 Plainville Water Pollution Control
 66 Shutter Meadow Road
 Plainville, CT

Source Material	Color	Substrate(s)	Component(s)	Material Location	Approximate Quantity	PCB Results	Comments
Paint	Beige	Metal	Ceiling, Walls, & Floor	Dry Well	300 SF	Presumed	
Paint	Blue	Metal	Pump	Dry Well	10 SF	Presumed	
Paint	Gray	Metal	Pump	Dry Well	10 SF	Presumed	
Paint	Tan	Metal	Pipe	Dry Well	10 SF	Presumed	
Paint	Red	Metal	Pipe Valves	Dry Well	8 SF	Presumed	
Paint	Beige	Metal	Pipes/Vaves	Dry Well	30 LF	Presumed	
Paint	Yellow	Metal	Access Ladder	Dry Well	30 SF	Presumed	Paint is also Lead-Based
Note: Pump House was constructed after 1979 and building materials are not suspect to contain PCBs.							
Legend Survey Performed By: Randy Taylor Bold Indicates = CTDEEP & EPA/TSCA Regulated; PCB Bulk Product Waste ≥50 PPM Presumed = PCB Concentrations ≥50 PPM Associated Substrates are Presumed to Be PCB-Impacted, If Disturbed During Renovations, The Materials Must Be Managed and Disposed of as PCB Bulk Product Waste (≥50 PPM) LF = Linear Feet, SF = Square Feet PPM = Parts Per Million							

Table 4
 Summary of Hazardous/Regulated Waste Materials Inventory
 Town of Plainville
 Plainville Water Pollution Control
 66 Shutter Meadow Road
 Plainville, CT

Material	Waste Type	Container Type & Size	Approximate Quantity	Location	Comments
Fluorescent Light Ballasts	PCBs or DEHP	Metal	4 EA	Pump House	Assumed PCBs or DEHP
Fluorescent Light Bulbs	Mercury	2' Glass Tubes	8 EA	Pump House	
Compact Fluorescent Light (CFL) Bulbs	Mercury	Threaded Bulb	2 EA	Dry Well	
High Intensity Discharge (HID)	Mercury	Threaded Glass Bulbs	1 EA	Exterior	
Hatch Switch	Mercury	Metal	1 EA	Dry Well (hatch)	
Emergency Lights	Heavy Metals (Lead, etc.)	Plastic Fixtures	1 EA	Pump House	
Exit Signs	Heavy Metals (Lead, Tritium, etc.)	Plastic Fixtures	1 EA	Pump House	
Capacitors	PCBs	Metal Motors	4 EA	Pump House & Dry Well	Associated with Small Motors
Fire Extinguishers	CO2 / monoammonium phosphate / ammonium sulfate	Metal	1 EA	Pump House	
Battery	Toxic and/or Corrosive Metals/Materials	Plastic	1 EA	Pump House	
Antifreeze	Toxic Chemical, Contains Ethylene Glycol	Plastic / 1 Gallon	1 EA	Pump House	

Legend:
 Survey Performed By: Randy Taylor
 EA = Each
 PCB = Polychlorinated biphenyl
 DEHP = Diethylhexyl Phthalate