

Request for Proposals for PFAS Removal Treatment at Unity College

General

Unity College (Owner) of Unity, Maine is requesting proposals for the removal of PFAS from their public drinking water supply wells.

The water supply at Unity College is sourced from several Public Water Systems (PWS) each with their own supply well, treatment system, and distribution infrastructure (see Appendix A for existing conditions). A summary of PWSs with PFAS detections is detailed in the table below.

PWS Name	PWSID#	Well Name	Initial PFAS Result	Confirmation PFAS Result
Unity College #642	ME0000642	Cottages	27.6-ng/L	
Unity College - #3	ME0110642	Unity 3	62.2-ng/L	
Unity College - Wood Hall	ME0300642	Wood Hall	29.3-ng/L	27.5-ng/L
Unity College - #900642	ME0900642	Performing Arts	50.3-ng/L	

The Cottages, Unity 3, Wood Hall, and Performing Arts wells all exceed the interim State drinking water standard of 20-ng/L for PFAS and treatment is required to return these supplies to compliance.

The Owner is therefore seeking proposals for the removal of PFAS from their Cottages, Unity 3, Wood Hall, and Performing Arts wells; treated water samples must report back at below the detection level of 2.0-ng/L.

With their proposal, Treatment Installers must include:

- A summary of treatment design for each well.
- A quote for PFAS treatment installation for each well. Quotes must include the total cost to design the treatment system, including obtaining review and stamp by a Maine licensed Professional Engineer, and install the treatment system, including labor and materials, internal plumbing modifications, electrical power installation (as needed for new equipment), follow up water quality sampling for PFAS, and any other costs associated to complete the work.
- A statement of schedule to render the materials and services quoted must also be provided with the proposal.

The Owner reserves the right to move forward with any or none of the individual well treatment proposals depending on funding availability. Please note, if funding is limited, the Owner plans to prioritize the system at Wood Hall.

If you are interest, please send your proposal to:

Christopher Bond
Director of Facilities
cbond@unity.edu

Proposals must be submitted no later than 4:00pm September 14, 2022. Failure to submit a proposal by September 9, 2022 may lead to disqualification for consideration of contract award.

Treatment Installers are encouraged to contact Mr. Bond for a site visit before submitting his/her quote. Questions about the existing facilities may be addressed to Mr. Bond at cbond@unity.edu or 207-509-7179.

Disclaimer: This project is expected to be funded in part by a Maine Drinking Water State Revolving Fund (DWSRF) loan. Neither the State of Maine nor any of its departments, agencies, or employees will be party to the contract.

Proposal Considerations

All new components of the treatment system that will come in contact with the water must be certified to meet NSF/ANSI Standard 61.

All plumbing components must meet the Reduction of Lead in Drinking Water Act (requirements and exemptions can be found at www.epa.gov/safewater).

No treatment bypasses are permissible.

Proposal must specify the estimated bed life (gallons treated) of the media installed, based on the provided design, before breakthrough and need for media replacement.

Following treatment installation, finished water PFAS samples must be collected, analyzed at a certified laboratory, and reported as measuring below the detection level of 2.0-ng/L

American Iron and Steel (AIS) Requirements

The American Iron and Steel (AIS) provision requires DWSRF assistance recipients to use iron and steel products that are produced in the United States. Treatment Installer must provide a certification letter from the product manufacturer for all iron and steel products permanently incorporated into a project. A sample letter is available in Appendix B. For more details, exemptions, and waivers, please see: <https://www.epa.gov/cwsrf/state-revolving-fund-american-iron-and-steel-ais-requirement> or contact Maine Drinking Water Program representative.

Davis-Bacon Wages

The Davis-Bacon Act (DBA) was enacted by Congress on March 3, 1931, to assure local workers a fair wage and to provide local contractors a fair opportunity to compete for local federal government contracts. Contractors and subcontractors must pay laborers and mechanics employed directly upon the site of the work at least the locally prevailing wages (including fringe benefits), listed in the Davis-Bacon wage determination in the contract, for the work performed. Locally prevailing wage rates are determined by the US Department of Labor (USDOL). The wage determination for this project is included in Appendix C.

Treatment Installer and any subcontractors must provide certified payrolls to the Owner using Department of Labor form WH-347 (Appendix C).

EXEMPTION 1: If work is to be performed by an owner of a business (i.e., a plumber who owns their own business and is doing the work themselves with no assistance) they do not need to pay themselves the Davis-Bacon Rates and are not required to report their own payroll. The owner-operator must provide a signed Davis-Bacon Owner-Operator Exemption Certification, available in Appendix C.

EXEMPTION 2: If the total project cost (labor + materials) is less than \$2000, Davis-Bacon Wage Rates will not apply.

Upon award of contract, the treatment installer must promptly provide a completed DWP Change Application (Appendix D) and all design drawings submitted with the Change Application must be reviewed and stamped by a Professional Engineer licensed in the State of Maine, regardless of system cost (\$10,000.00 threshold does not apply).

Work at Wood Hall Well must be completed within 60-days of contract award.

Work at Unity 3, Cottages, and Performing Arts wells must be completed within 90-days of contract award.

An itemized invoice is required for payment.

APPENDIX A: EXISTING CONDITIONS

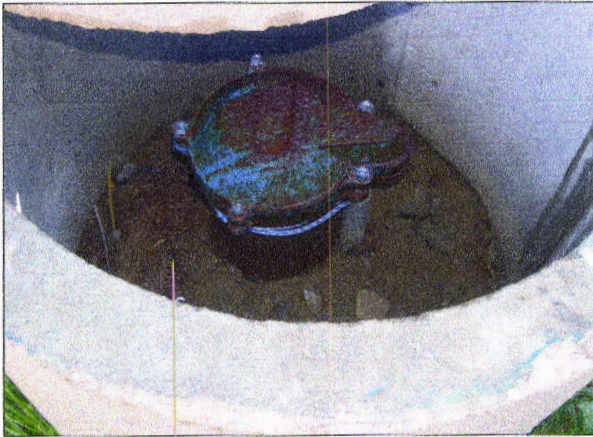
Inspection Report: Site Directions and Diagrams

PWS Name: Unity College Cottages. Inspector: Haig F. Brochu Date: 10-14-2015.

PWSID: ME0000642 District: DWP- 7 D PWS Type: NTNC

Inspection Type: Sanitary Survey Contact: Bruce Cook / DO

Source Detail



400-foot bedrock well with SS cover inside of locked concrete tile

System Schematic



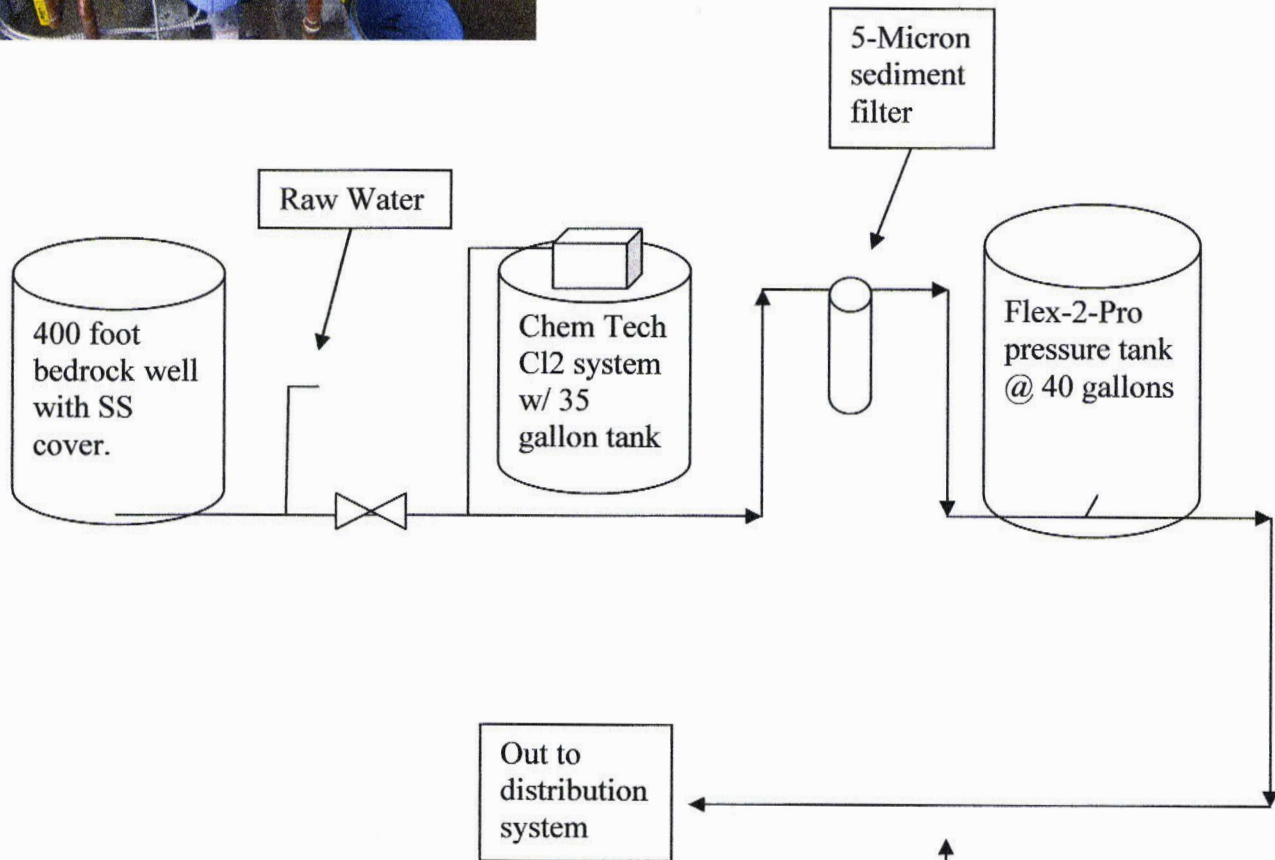
This picture shows proper Raw Water sample point prior to check and Cl2 injection after check.



Cl2 treatment is a Chem tech pump with a 35-gallon solution tank



After treatment water into a 5-micron Sediment filter then a Flex-2-Pro H2p-120 pressure tank @ 40-gallons total volume.



System uses 400-feet of 1.5 inch water line for contact time, this is a loop to get to cottages.

Sanitary Survey Inspection Report: Unity College – Unity #3 ME0110642

PWS Name: Unity College – Unity #3 **PWSID:** ME0110642 **Inspector:** Darren Brann

Date: 4/17/2019 **District:** DWP-D **PWS Type:** NTNC **Inspection Type:** Sanitary Survey

Contact: Silas Reynolds

SOURCE: Well HD 1:110642101. 280' bedrock well @ 30 GPM w/ a sanitary seal well cap.
Located in a locked well tile near Unity #3 building walkway.



Sanitary Survey Inspection Report: Unity College – Unity #3 ME0110642

TREAT PT-1: A sediment filter for iron removal and Pulsafeeder chlorine feed pump w/ 15-gallon day tank. Located in treatment room.



Sanitary Survey Inspection Report: Unity College – Unity #3 ME0110642

STORAGE-1: A Well-X-Trol WX-449C pressure tank in treatment room.



STORAGE-2: Two contact tanks of unknown volume or make/model. Each tank appears to be in the 300-500-gallon range for volume.

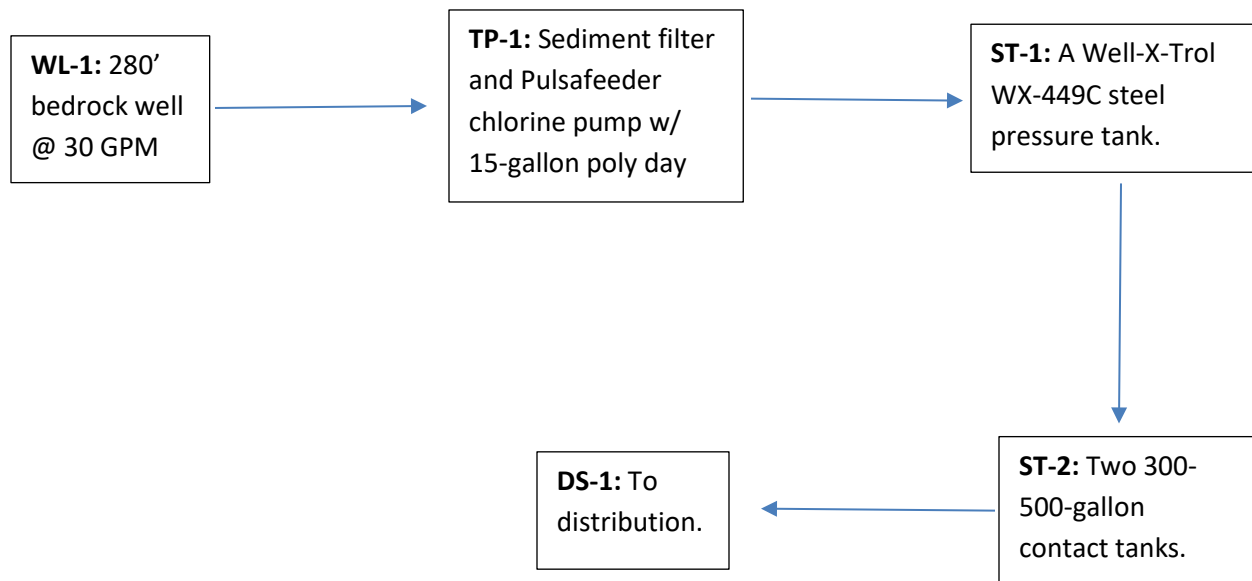


Sanitary Survey Inspection Report: Unity College – Unity #3 ME0110642

Routine bacteria sampling site: Unity #3 common sink.



SYSTEM SCHEMATIC



Sanitary Survey Inspection Report: Unity College – Wood Hall ME0300642

PWS Name: Unity College – Wood Hall **PWSID:** ME0300642 **Inspector:** Darren Brann

Date: 4/17/2019 **District:** DWP-D **PWS Type:** NTNC **Inspection Type:** Sanitary Survey

Contact: Silas Reynolds

SOURCE: Well HD 1:300642101. 147' bedrock well @ 30 GPM w/ a sanitary seal well cap. Located in a locked well tile near Wood Hall parking lot. Well cap was loose, and conduit not sealed at time of the inspection. System immediately corrected deficiencies.



Sanitary Survey Inspection Report: Unity College – Wood Hall ME0300642

TREAT PT-1: A Pulsafeeder chlorine feed pump w/ 50-gallon day tank. Injection point is before ST-1. Located in treatment room.



STORAGE-1: A Goulds V140 steel pressure tank.



Sanitary Survey Inspection Report: Unity College – Wood Hall ME0300642

STORAGE-2: Four 300-gallon poly storage tanks. Tanks are used for chlorination contact time.



5 hp Baldor booster pump



Sanitary Survey Inspection Report: Unity College – Wood Hall ME0300642

STORAGE-3: Two Goulds V350 steel pressure tanks

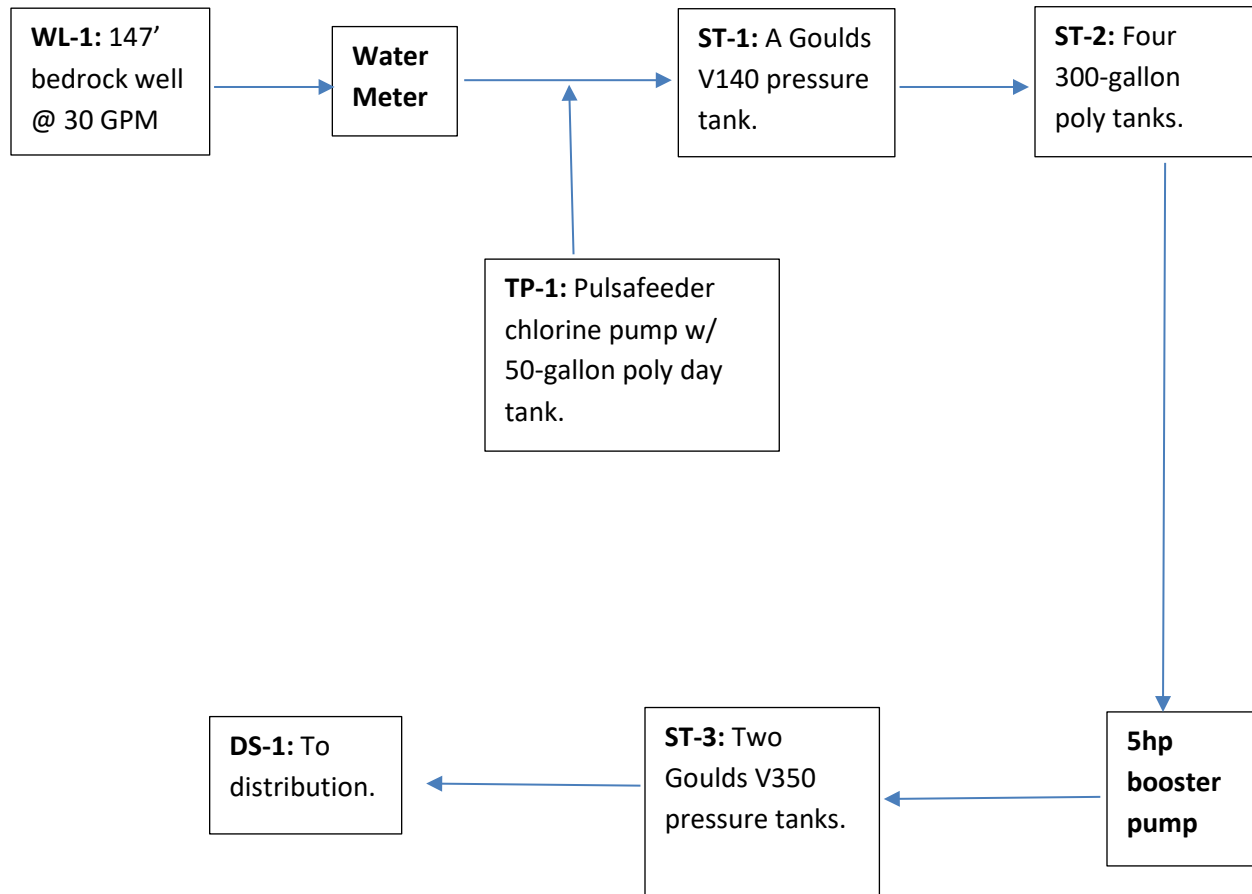


Routine bacteria sampling site: East View common sink.



Sanitary Survey Inspection Report: Unity College – Wood Hall ME0300642

SYSTEM SCHEMATIC



Inspection Report: Site Directions and Diagrams

PWS Name: Unity Center for the Arts Inspector: Haig F. Brochu Date: 10-17-2017.

PWSID: ME0094924

District: DWP-D

PWS Type: Transient

Inspection Type: Sanitary Survey Contact: Silas Reynolds

Source Detail



Well HD # 1 is a 250-foot bedrock well with SS cover all tight.

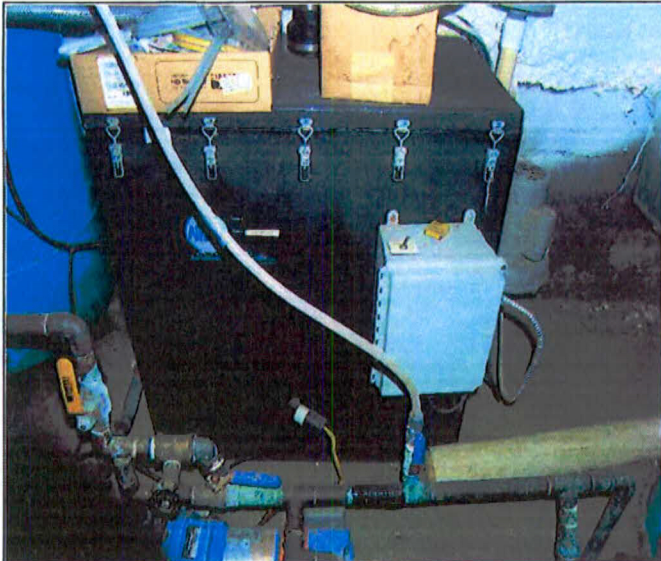
System Schematic



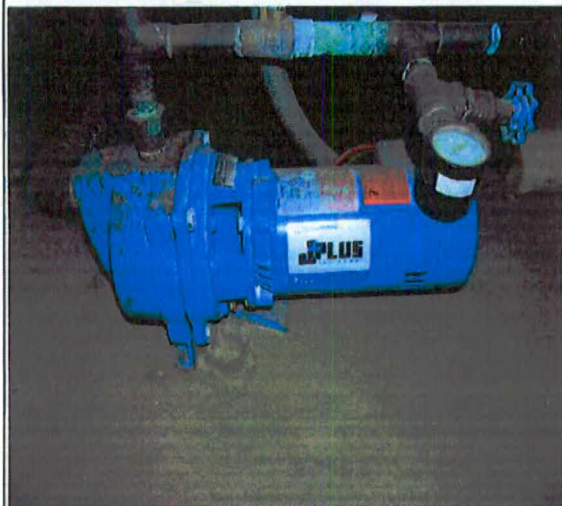
New Raw Water sample point installed same afternoon as SS by system.



From well to Storage 1 are 2 pressure tanks a Well X Trol WX-250 and a State Pump Mate SPMD 86, They have a Volume of $12 + 26 = 38$ gal.



From Storage 1 to Treatment 1 first is an Air Raider air stripper which removes Sulfer Dixoide, Taste and Order control. Injection Point in Picture is after this unit, Cl2 injection.



Water is picked up from air stripper by a Goulds 1 Hp Booster pump.



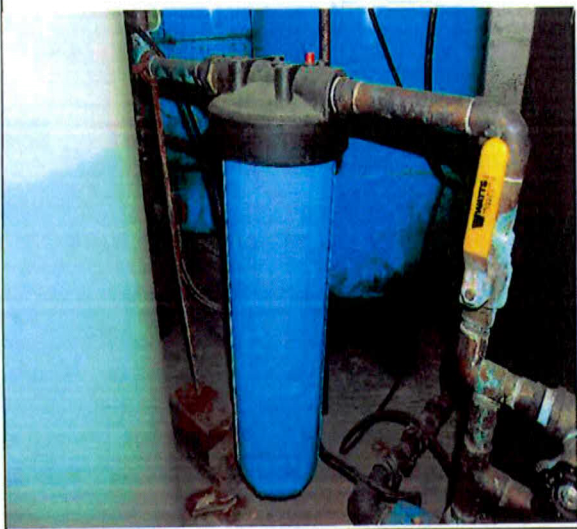
Next water is Chlorinated this is a Chem-Tech pump with a 30 gallon solution tank. Injection point is in front of air stripper.



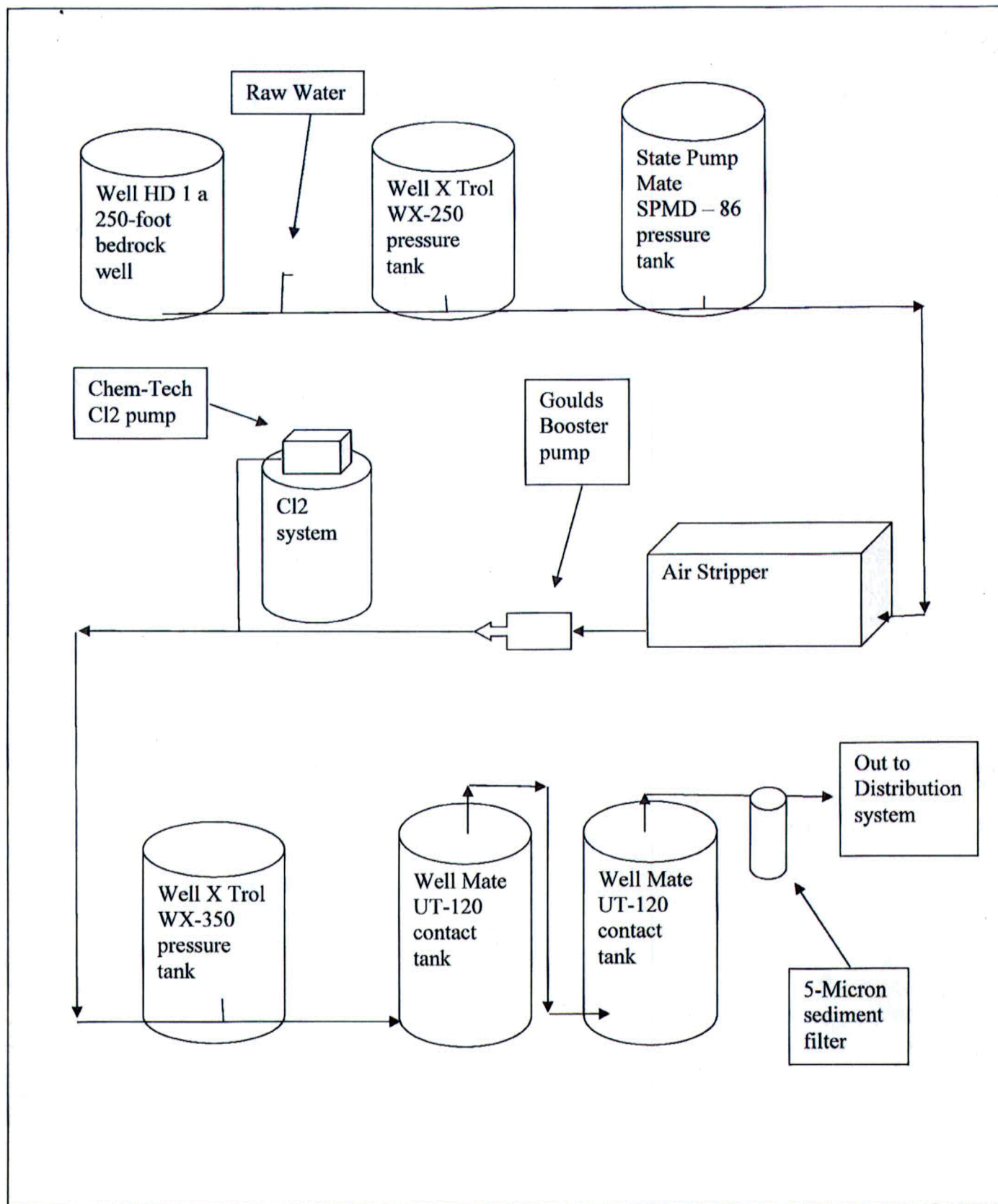
After Treatment water into Storage 2 a Well X Trol WX-350 pressure tank it has a Volume of 40-gallons.



Storage 3 are 2 Well Mate UT- 120 contact tanks with a total volume of 240 gallons.



Last is a 5-micron sediment filter then finished water out to distribution.



APPENDIX B: AIS MATERIALS



From the “Consolidated Appropriations Act, 2014”

H.R. 3547 (PL113-76, enacted 1/17/2014)

USE OF AMERICAN IRON AND STEEL

“SEC. 436. (a)(1) None of the funds made available by a State water pollution control revolving fund as authorized by title VI of the Federal Water Pollution Control Act (33 U.S.C. 1381 et seq.) or made available by a drinking water treatment revolving loan fund as authorized by section 1452 of the Safe Drinking Water Act (42 U.S.C. 300j–12) shall be used for a project for the construction, alteration, maintenance, or repair of a public water system or treatment works unless all of the iron and steel products used in the project are produced in the United States.

(2) In this section, the term “iron and steel products” means the following products made primarily of iron or steel: lined or unlined pipes and fittings, manhole covers and other municipal castings, hydrants, tanks, flanges, pipe clamps and restraints, valves, structural steel, reinforced precast concrete, and construction materials.

(b) Subsection (a) shall not apply in any case or category of cases in which the Administrator of the Environmental Protection Agency (in this section referred to as the “Administrator”) finds that—

(1) applying subsection (a) would be inconsistent with the public interest;

(2) iron and steel products are not produced in the United States in sufficient and reasonably available quantities and of a satisfactory quality; or

(3) inclusion of iron and steel products produced in the United States will increase the cost of the overall project by more than 25 percent.

(c) If the Administrator receives a request for a waiver under this section, the Administrator shall make available to the public on an informal basis a copy of the request and information available to the Administrator concerning the request, and shall allow for informal public input on the request for at least 15 days prior to making a finding based on the request. The Administrator shall make the request and accompanying information available by electronic means, including on the official public Internet Web site of the Environmental Protection Agency.

(d) This section shall be applied in a manner consistent with United States obligations under international agreements.

(e) The Administrator may retain up to 0.25 percent of the funds appropriated in this Act for the Clean and Drinking Water State Revolving Funds for carrying out the provisions described in subsection (a)(1) for management and oversight of the requirements of this section.

(f) This section does not apply with respect to a project if a State agency approves the engineering plans and specifications for the project, in that agency’s capacity to approve such plans and specifications prior to a project requesting bids, prior to the date of the enactment of this Act.”



**CERTIFICATION BY THE OWNER
OF COMPLIANCE WITH THE
USE OF AMERICAN IRON AND STEEL LAW**
enacted on 1/17/2014

(To be attached to each Utility Construction SRF requisition submitted for payment)

We, the Owner named, _____, having obtained funding from the State of Maine, State Revolving Fund (SRF), for the Utility Construction Project named _____, hereby submit to the SRF program, certification from each contractor working on the Utility Construction Project that the use of American Iron and Steel in the construction of the project complies with the law, or that a waiver has been obtained from the U.S. Environmental Protection Agency. Thereby, it is to the best of the Owner's knowledge that the costs being requested with this SRF requisition #_____ are in compliance with the Use of American Iron and Steel Law.

Signature of Official

Printed name

Date

Attachment: Certification by Contractor

**CERTIFICATION BY CONTRACTOR
OF COMPLIANCE WITH THE
USE OF AMERICAN IRON AND STEEL LAW
enacted on 1/17/2014**

Sample Step Manufacturer Certification

(Documentation must be provided on company letterhead)

Date

Company Name

Company Address

City, State Zip

Subject: American Iron and Steel Step Manufacturer Certification

Project Name _____

I, _____ (company representative), certify that the _____
(melting, bending, coating, galvanizing, cutting, etc.) process for _____
(manufacturing or fabricating) the following products and/or materials shipped or provided for
the project is in full compliance with the American Iron and Steel requirement as mandated in
EPA's State Revolving Fund Programs.

Item, Products and/or Materials:

1. _____
2. _____
3. _____

Such process took place at the following location: _____(address)

If any of the above compliance statements change while providing material to this project we
will immediately notify the prime contractor and the engineer.

Company representative

Signature

Date

State Revolving Fund (SRF)
American Iron and Steel - De Minimis Tracking Form

The EPA has issued a public interest waiver for De Minimis incidental components. An Owner wishing to use this waiver should consult with their contractor(s) to maintain an itemized list to track the components covered under De Minimis. The Owner may create their own format for the list or use this sample form.

Owner: _____

Loan #: _____

Project Name: _____

NOTE: The De Minimis waiver is only applicable to the cost of materials for the entire project. Do not include other project costs (labor, installation costs, etc.) in the "Total Cost of Materials". The total cost of a material may be based on estimated, or if available, actual costs.

Funds used for de minimis incidental components cumulatively may comprise no more than a total of 5 percent of the total cost of the materials used in and incorporated into a project; the cost of an individual item may not exceed 1 percent of the total cost of the materials used in and incorporated into a project.

Total Cost of Materials: _____

5% Limit: _____

1% limit: _____

Manufacturer & Component Description	Part/Model #	Quantity (if applicable)	Cost per Unit (if applicable)	Component's Total Cost	Invoice or receipt attached

Use additional sheets as necessary

**Total Cost of Components
deemed to be De Minimis:**

Completed by:

Company: _____

Name: _____

Title: _____

Signature: _____

Date: _____

APPENDIX C: AIS Documents

Janet T. Mills
Governor

Jeanne M. Lambrew, Ph.D.
Commissioner



Maine Department of Health and Human Services
Maine Center for Disease Control and Prevention
11 State House Station
286 Water Street
Augusta, Maine 04333-0011
Tel; (207) 287-8016; Fax (207) 287-9058
TTY: Dial 711 (Maine Relay)

DDavis-Bacon Owner-Operator Exemption Certification

I, _____, am the owner-operator of the bona fide business
(Owner Name Printed)

_____ and have been contracted to perform labor on a
(Business Name)

treatment works project located at _____ in the town of
(Name of Public Water System)

_____, Maine. I certify that I own at least 20-percent equity interest in the
(Town)

enterprise in which employed and am actively engaged in its management. I am thereby exempt from Davis-Bacon Act prevailing wage rates per Title 29 CFR 5.2(m). A copy of my business license will be provided to the Maine Drinking Water Program if requested.

☐ I do not plan to have anyone else assist me with the work.

☐ I do plan to have others assist me with the work. They will be subject to Davis-Bacon Act prevailing wage rates under the classification of _____. Certified payrolls will
(Plumber, Electrician, Carpenter, etc.)

be provided to the Maine Drinking Water Program to validate the prevailing wage rates are met.

Signature: _____

Date: _____

Federal Tax ID Number: _____

NAME OF CONTRACTOR				OR SUBCONTRACTOR				ADDRESS										OMB No.:1235-0008 Expires: 07/31/2024				
PAYROLL NO.				FOR WEEK ENDING				PROJECT AND LOCATION										PROJECT OR CONTRACT NO.				
(1)	(2)	(3)	OT OR ST	(4) DAY AND DATE								(5)	(6)	(7)	(8) DEDUCTIONS						(9)	
NAME AND INDIVIDUAL IDENTIFYING NUMBER (e.g., LAST FOUR DIGITS OF SOCIAL SECURITY NUMBER) OF WORKER	NO. OF WITHHOLDING EXEMPTIONS	WORK CLASSIFICATION										TOTAL HOURS	RATE OF PAY	GROSS AMOUNT EARNED	FICA	WITH-HOLDING TAX			OTHER	TOTAL DEDUCTIONS	NET WAGES PAID FOR WEEK	
				HOURS WORKED EACH DAY																		
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While completion of Form WH-347 is optional, it is mandatory for covered contractors and subcontractors performing work on Federally financed or assisted construction contracts to respond to the information collection contained in 29 C.F.R. §§ 3.3, 5.5(a). The Copeland Act (40 U.S.C. § 3145) contractors and subcontractors performing work on Federally financed or assisted construction contracts to "furnish weekly a statement with respect to the wages paid each employee during the preceding week." U.S. Department of Labor (DOL) regulations at 29 C.F.R. § 5.5(a)(3)(ii) require contractors to submit weekly a copy of all payrolls to the Federal agency contracting for or financing the construction project, accompanied by a signed "Statement of Compliance" indicating that the payrolls are correct and complete and that each laborer or mechanic has been paid not less than the proper Davis-Bacon prevailing wage rate for the work performed. DOL and federal contracting agencies receiving this information review the information to determine that employees have received legally required wages and fringe benefits.

Date _____

I, _____
(Name of Signatory Party) (Title)

do hereby state:

(1) That I pay or supervise the payment of the persons employed by _____ on the _____
(Contractor or Subcontractor)
_____ ; that during the payroll period commencing on the _____
(Building or Work)
_____ day of _____, _____, and ending the _____ day of _____, _____,
all persons employed on said project have been paid the full weekly wages earned, that no rebates have
been or will be made either directly or indirectly to or on behalf of said
_____ from the full
(Contractor or Subcontractor)

weekly wages earned by any person and that no deductions have been made either directly or indirectly
from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part
3 (29 C.F.R. Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948,
63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. § 3145), and described below:

(2) That any payrolls otherwise under this contract required to be submitted for the above period are
correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the
applicable wage rates contained in any wage determination incorporated into the contract; that the classifications
set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship
program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and
Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered
with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:
(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

- in addition to the basic hourly wage rates paid to each laborer or mechanic listed in
the above referenced payroll, payments of fringe benefits as listed in the contract
have been or will be made to appropriate programs for the benefit of such employees,
except as noted in section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

- Each laborer or mechanic listed in the above referenced payroll has been paid,
as indicated on the payroll, an amount not less than the sum of the applicable
basic hourly wage rate plus the amount of the required fringe benefits as listed
in the contract, except as noted in section 4(c) below.

(c) EXCEPTIONS

EXCEPTION (CRAFT)	EXPLANATION

REMARKS:

NAME AND TITLE	SIGNATURE

THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR
SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 3729 OF
TITLE 31 OF THE UNITED STATES CODE.

"General Decision Number: ME20220009 04/01/2022

Superseded General Decision Number: ME20210009

State: Maine

Construction Type: Building

County: Kennebec County in Maine.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	<ul style="list-style-type: none"> . Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least \$15.00 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2022.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	<ul style="list-style-type: none"> . Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least \$11.25 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2022.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Modification Number	Publication Date
0	01/07/2022
1	02/25/2022
2	04/01/2022

BRMA0003-013 05/01/2020

	Rates	Fringes
BRICKLAYER.....	\$ 42.55	28.02

* IRON0007-034 03/16/2022

	Rates	Fringes
IRONWORKER (ORNAMENTAL AND REINFORCING).....	\$ 29.02	24.04

LAB00327-003 12/01/2020

	Rates	Fringes
LABORER: Common or General (Industrial Work Only).....	\$ 19.05	18.47

* SUME2014-018 01/31/2017

	Rates	Fringes
CARPENTER, Includes Drywall Hanging, and Metal Stud Installation.....	\$ 19.42	11.52
CEMENT MASON/CONCRETE FINISHER...	\$ 16.13	3.82
DRYWALL FINISHER/TAPER.....	\$ 16.84	2.87
ELECTRICIAN.....	\$ 25.13	9.57
ELEVATOR MECHANIC.....	\$ 48.22	24.95
IRONWORKER, STRUCTURAL.....	\$ 18.84	1.81
LABORER: Common or General.....	\$ 15.49	7.07
LABORER: Mason Tender - Brick...	\$ 18.33	2.01
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 20.42	3.12
OPERATOR: Crane.....	\$ 23.98	7.46
PAINTER (Brush and Roller).....	\$ 15.86	2.66
PLUMBER, Includes HVAC Pipe Installation.....	\$ 20.08	3.70
SHEET METAL WORKER, Includes HVAC Duct Installation.....	\$ 16.97	1.92
TRUCK DRIVER: Dump Truck.....	\$ 14.79 **	2.53

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

** Workers in this classification may be entitled to a higher

minimum wage under Executive Order 14026 (\$15.00) or 13658 (\$11.25). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at <https://www.dol.gov/agencies/whd/government-contracts>.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and

the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISIO"

APPENDIX D: DWP CHANGE APPLICATION



Department of Health and Human Services
Maine Center for Disease Control and Prevention
286 Water Street
11 State House Station
Augusta, Maine 04333-0011
Tel.: (207) 287-8016; Fax: (207) 287-9058
TTY Users: Dial 711 (Maine Relay)

Tel. (207) 287-2070

Drinking Water Program

Fax (207) 287-4172

Drinking Water System Change Application

The Maine Rules Relating to Drinking Water state that "No new construction, addition, or alteration involving the source, treatment, or storage of water in any system shall be commenced until the plans and specifications have been submitted to and approved in writing by the Department (DHHS), unless such construction, addition, or alteration is exempted... [for more detail see the Maine Rules Relating to Drinking Water, Section 3.C.1. at www.medwp.com]

In order for the Drinking Water Program (DWP) to review a water system change proposal, pertinent information must be made available to properly review the request. To avoid numerous individual requests for information, this application was created to request all necessary information at once.

When requesting review and approval of water system change, please complete this application and provide applicable information as requested. Not all questions on this application will apply to your project. If a question or request for information is not applicable to the project being reviewed, simply note this on the application.

Large scale projects for which plans and specifications have been prepared by an engineering firm (standpipes/reservoirs, entire treatment plant construction/modification, pump/booster station designs) may submit the prepared plans and specifications in place of the Drinking Water System Change Application. The proposal must include a reason for the project, the estimated project schedule, and a statement by the system's Primary Operator acknowledging approval of the proposed plan.

Note: This application is not intended for Drinking Water State Revolving Fund (DWSRF) projects. For DWSRF projects, submit project plans and specs to the DWP Project Manager for that project. For questions on this, contact Nathan Saunders at 287-5685 or Nathan.Saunders@Maine.gov.

Completed applications can be mailed to:

Maine Drinking Water Program
Station #11
Augusta, Maine 04333.

An electronic copy may also be emailed to your Public Water System Inspector.

If you have questions, please call 207-287-2070.

Please note that the Drinking Water Program has 30 days to review your application and provide approval. Submit your application as soon as possible to prevent delaying your anticipated start date. No changes can be made to the water system before written approval is received from the DWP.

Drinking Water System Change Application

Date: _____ PWSID# (if known): _____
Public Water System (PWS) Name: _____
Address: _____
PWS Contact Name: _____ Phone: _____
e-mail: _____
Person Completing this form: _____ Phone: _____
Address (if different from PWS address): _____
e-mail: _____
DWP PWS Inspector**: _____
(* if not filled in by the applicant, DWP please fill in this name)

All Projects

1. Provide a brief description of the project and explain why this change is being made.
2. Was this change required by the DWP (MCL exceedance) or is it being made voluntarily?
3. Provide a diagram of the existing system that shows the majors pieces of equipment (e.g., source, storage, existing treatment, sample taps, other major appurtenances) as well as how the proposed treatment will be integrated. See example on final page of this application.
Diagram Provided
4. Provide an engineer or designer's report if available.
Report Provided
5. Who is making the request for the change (PWS Owner, Engineer working for the owner, Treatment Installer, other)?
6. What is the intended schedule for the change? When do you plan to start/ when do you expect to be finished? Do you have any deadlines that need to be met?
7. For treatment related projects include raw water quality data (e.g., pH, concentration of contaminant, concentration of competing or interfering contaminants, speciation results, etc.) Data should be recent and from an acceptable source (a Maine certified laboratory).
Water Quality Data Provided
8. For treatment projects costing \$10,000 or more, plans stamped by a Maine Licensed Professional Engineer-See Maine P.E. Law. Projects submitted without a Professional Engineer stamp must include a cost estimate for the entire project to document the exemption for the Professional

Engineer stamp requirement. Note: Water Districts and Municipal Water Systems require a Professional Engineer stamp for projects exceeding \$100,000.

Cost Estimate Provided (< \$10,000)

Project Stamped by P.E. (>= \$10,000)

9. Provide validation (a written statement) that all plumbing work will be completed by a Maine licensed plumber when required by the Maine Internal Plumbing Code or Maine Statutes. (See Necessary Qualifications of Treatment Designers and Installers, DWP document DWP0161, available on-line at www.medwp.com).
10. All plumbing components meet the Reduction of Lead in Drinking Water Act (requirements and exemptions can be found at www.epa.gov/safewater).
- ☐ Yes ☐ No

Chemical Addition

1. What is the purpose of the chemical addition?
2. Identify the specific type of chemical(s) (e.g., chlorine, soda ash, potash etc.).
3. How will chemical injection be controlled? (Flow meter? Pressure switch?)
4. What size day tank will be used?
5. Will there be secondary containment?
6. What will be the target residual/pH?
7. Provide specifications from the supplier/manufacturer and NSF Standard 60/61 certification for each of the following:

Provided

 - a. Chemical additive
 - b. Chemical day tank
 - c. Chemical feed pump
8. For Chlorination Systems, include maximum flow rate, temperature, pH, and contact tank size to be used to determine the free chlorine residual required for 4-log inactivation of viruses. [All chlorination systems installed after the date of this policy (3/27/14) must be capable of achieving 4-log inactivation of viruses]

Max Flow Rate

Temp

pH

Tank Size

Contact Tank Baffle Factor

Anion Exchange / Cation Exchange/ Adsorptive Media

1. What is the purpose of the treatment?
2. Identify the specific type(s) of media (e.g., Purolite A300E, ArsenXnp, etc.).
3. Specify the number of treatment vessels (if greater than one unit, describe the configuration (e.g., in series, parallel, twin-alternating, etc.).
4. What is the size (volume) of each vessel?
5. Describe backwash or regeneration processes that will occur (*N/A for non-backwashing Adsorptive Media*)
 - What is the purpose? (e.g., regenerate media, remove fines, to remove channeling, etc.)
 - What is the factor controlling backwash/regeneration? (e.g., specific time, volume of water). **Provide the specific controlling value** (e.g., unit regenerates automatically every 3,000 gallons per flow meter attached to head unit).
 - Describe the location of where spent backwash/regeneration water is being disposed (e.g., combined septic field, sanitary sewer, etc.) – note that the DEP and possibly the Radiation Control Program will be notified of all backwashing/regenerating water treatment systems with the potential that the proposed waste disposal method will be unacceptable. Applicant must show that a septic field is capable of handling the change in hydraulic load resulting from the new treatment backwash.

HHE-200 and Hydraulic Load Calculations Provided

6. Describe backflow prevention measures on all drains from treatment equipment.
7. Provide specifications from the supplier/manufacturer and NSF Standard certification for each of the following: Provided
 - a. Media
 - b. Treatment Vessel
 - c. Treatment Control Head
 - d. Salt
 - e. Brine Tank (Food grade acceptable)

Aeration

1. What is the purpose of the treatment?
2. Identify the make and model number of aerator.
3. Describe the air inlet and vent design.
4. Provide specifications from the supplier/manufacturer.

Specifications Provided

Ultraviolet (UV)

1. What is the purpose of the treatment?
 2. What is the make/model number of the UV unit?
 3. Provide specifications from the supplier/manufacturer and NSF Standard 55 certification.
- Specifications/NSF Certification Provided
4. Describe any bypasses.

The following questions only pertain to UV installed for Disinfection (vs. oxidation for particulate removal).

5. How will it be ensured that the manufacturer's maximum rated flow and pressure are not exceeded.
6. What provisions will be in place to prevent untreated water from entering the distribution system in the case of a power outage/UV unit failure?
7. Describe how UV light intensity will be continuously monitored.

Filtration (Cartridge)

1. Why is the cartridge filter needed?
2. What size particle will be removed (micron designation of the filter)?
3. Has a pressure drop been estimated?
4. Will pressure gages be installed before and after the filter housing?
5. Provide specifications from the supplier/manufacturer and NSF Standard certification for each of the following: Provided
 - a. Filter Cartridge
 - b. Filter Housing

Filtration Maintenance/Media Change

1. What is the existing media and when was it last changed out?
2. Provide specifications for replacement media (including NSF certification).
 Specifications/NSF Certification Provided
3. Will there be any change in filter operation? (Different flow rate, different backwash procedures, etc.)
4. How many filters do you plan to have offline at any one time? Do you anticipate this project will have any effect on your ability to meet demand?
5. Do you plan on doing any other maintenance on the filters while they are offline? Cleaning, sealing, replacing parts, etc. If yes, provide specs, NSF certifications, drawings, etc. for additional work as necessary.

Storage / Pressure Tanks

1. Will the new tank be replacing a tank currently installed or will it be installed in addition to existing storage?
2. What type of storage tank will be installed? (Bladder, hydropneumatic, atmospheric). Provide the make and model number, if applicable.
3. What is the volume of the storage tank?
4. Provide specifications for the tank from the supplier/manufacture and NSF Standard 61 certification. (Food grade designation is acceptable in place of NSF 61 for synthetic tanks less than 15,000-gal in capacity which supplies less than 500 service connections.)

Specifications/NSF Certifications Provided

5. Will any other components be installed/applied as part of the tank installation? (Float switch, coatings/sealants for concrete tanks, etc.). Provide additional specifications from the supplier/manufacture(s) and NSF Standard 61 certification.

Pumps

1. Will the new pump be replacing a pump currently installed or will it be installed in addition to existing pumps?
2. What type of pump will be installed? (submersible well pump, booster pump, etc.). Provide the make and model number.
3. What is the capacity of the pump?
4. Provide specifications for the pump from the supplier/manufacture and NSF Standard 61 certification.

Specifications/NSF Certification Provided

Applicant Signature:

Signature of individual completing this form: _____ Date: _____

Signature of PWS's Primary Operator (PO): _____ Date: _____
(or attach an e-mail from the operator showing the PO's approval of this proposal) If a water system is required to have an operator, the PO's signature or e-mailed approval for this project must be provided along with this application to the DWP.

Name of DWP Engineer (Reviewer, filled in by DWP): _____

EXAMPLE: Diagram for a change application requesting to install a new GAC filter and upgraded UV unit.

Note how the drawing designates between existing equipment and new proposed components. Use of a legend prevents the drawing from becoming cluttered and difficult to read, while still allowing the Reviewer a detailed view of the treatment system. Diagrams must include all new and existing treatment, location of sample taps, any bypasses, storage, pumps, and any other components in contact with potable water.

Existing System Components

A = Sediment Filter	CV = Check Valve
B = Twin Alternating Softeners	PT = Pressure Tank
C = Brine Tank	
D = Arsenic Tanks	
E = Water Meter	
TP = Test point,	
BV = Ball Valve	

Proposed Equipment Changes

F = Viqua UV Max Pro10 Ultraviolet System & Solenoid Valve (Upgrade System)

G = 1 cf. Granular Activated Carbon

