

BR
49

New Hampshire Fish and Game Department

11 Hazen Drive, Concord, NH 03301-6500
 Headquarters: (603) 271-3421
 Web site: www.WildNH.com

TDD Access: Relay NH 1-800-735-2964
 FAX (603) 271-1438
 E-mail: info@wildlife.nh.gov

November 8, 2021

His Excellency, Governor Christopher T. Sununu
 and the Honorable Council
 State House
 Concord, NH 03301

REQUESTED ACTION

Authorize the New Hampshire Fish and Game Department to enter into a contract with Barrie Miller's Well & Pump Service, Inc. (vendor code #205835), Hillsborough, NH in the amount of \$24,925.00 for the chemical treatment and redevelopment of Field Well #2 at the Berlin State Fish Hatchery effective upon Governor and Council approval through June 30, 2022. Funding is 100% Capital Funds.

Funding is available as follows:

30 75 75 750030 15700000 Hatchery Improvements

30-07500-15700000-034-500162 Capital Projects

FY22

\$24,925.00

EXPLANATION

The New Hampshire Fish and Game Department is in need of chemical treatment and redevelopment of Well #2 at our Berlin State Fish Hatchery. The well pumping performance and the water quality of this well has significantly diminished over time and periodically needs to be reconditioned. This well has not been cleaned since 2009. The Berlin Hatchery utilizes this well to provide water to the hatchery building and operation of this well supplies the life supporting water for trout production at the hatchery. Restoring the flow and water quality is vital to sustaining required trout production.

Respectfully submitted,

Scott R. Mason
 Executive Director

Kathy Ann LaBonte, Chief
 Business Division

Bid Page

A request for bids was posted through the State of New Hampshire's online open contract bid process and was posted through October 5, 2021. Only one bid was received and bid was opened on October 5, 2021:

Chemical Treatment and redevelopment of Well #2 located at Berlin State Fish Hatchery.

Company	Name	Bid Amount
Barrie Miller's Well and Pump Services, Inc. P.O. Box 23 Hillsboro, NH 03244-0023 Telephone #603-464-4806 Email: Millerh2o@comcast.net	Barrie Miller	\$24,925.00

Bid posted by the Bureau of Purchase and Property. No other bidders responded to this Request for Proposal.

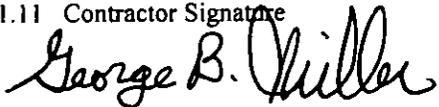
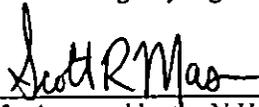
Notice: This agreement and all of its attachments shall become public upon submission to Governor and Executive Council for approval. Any information that is private, confidential or proprietary must be clearly identified to the agency and agreed to in writing prior to signing the contract.

AGREEMENT

The State of New Hampshire and the Contractor hereby mutually agree as follows:

GENERAL PROVISIONS

I. IDENTIFICATION.

1.1 State Agency Name NH Fish & Game Dept		1.2 State Agency Address 11 Hazen Drive, Concord, NH 03301	
1.3 Contractor Name Barrie Miller's Well & Pump Service, Inc.		1.4 Contractor Address PO Box 23, Hillsborough, NH 03244	
1.5 Contractor Phone Number 603-464-4806	1.6 Account Number 7500 15700000 034 500162	1.7 Completion Date June 30, 2022	1.8 Price Limitation \$24, 925.00
1.9 Contracting Officer for State Agency Scott R. Mason, Executive Director		1.10 State Agency Telephone Number 603-271-3511	
1.11 Contractor Signature  Date: 11/1/2021		1.12 Name and Title of Contractor Signatory George B. Miller, President	
1.13 State Agency Signature  Date: 11/9/21		1.14 Name and Title of State Agency Signatory Scott R. Mason, Executive Director	
1.15 Approval by the N.H. Department of Administration, Division of Personnel (if applicable) By: _____ Director, On: _____			
1.16 Approval by the Attorney General (Form, Substance and Execution) (if applicable) By:  On: 11/15/2021			
1.17 Approval by the Governor and Executive Council (if applicable) G&C Item number: _____ G&C Meeting Date: _____			

2. SERVICES TO BE PERFORMED. The State of New Hampshire, acting through the agency identified in block 1.1 ("State"), engages contractor identified in block 1.3 ("Contractor") to perform, and the Contractor shall perform, the work or sale of goods, or both, identified and more particularly described in the attached EXHIBIT B which is incorporated herein by reference ("Services").

3. EFFECTIVE DATE/COMPLETION OF SERVICES.

3.1 Notwithstanding any provision of this Agreement to the contrary, and subject to the approval of the Governor and Executive Council of the State of New Hampshire, if applicable, this Agreement, and all obligations of the parties hereunder, shall become effective on the date the Governor and Executive Council approve this Agreement as indicated in block 1.17, unless no such approval is required, in which case the Agreement shall become effective on the date the Agreement is signed by the State Agency as shown in block 1.13 ("Effective Date").

3.2 If the Contractor commences the Services prior to the Effective Date, all Services performed by the Contractor prior to the Effective Date shall be performed at the sole risk of the Contractor, and in the event that this Agreement does not become effective, the State shall have no liability to the Contractor, including without limitation, any obligation to pay the Contractor for any costs incurred or Services performed. Contractor must complete all Services by the Completion Date specified in block 1.7.

4. CONDITIONAL NATURE OF AGREEMENT.

Notwithstanding any provision of this Agreement to the contrary, all obligations of the State hereunder, including, without limitation, the continuance of payments hereunder, are contingent upon the availability and continued appropriation of funds affected by any state or federal legislative or executive action that reduces, eliminates or otherwise modifies the appropriation or availability of funding for this Agreement and the Scope for Services provided in EXHIBIT B, in whole or in part. In no event shall the State be liable for any payments hereunder in excess of such available appropriated funds. In the event of a reduction or termination of appropriated funds, the State shall have the right to withhold payment until such funds become available, if ever, and shall have the right to reduce or terminate the Services under this Agreement immediately upon giving the Contractor notice of such reduction or termination. The State shall not be required to transfer funds from any other account or source to the Account identified in block 1.6 in the event funds in that Account are reduced or unavailable.

5. CONTRACT PRICE/PRICE LIMITATION/ PAYMENT.

5.1 The contract price, method of payment, and terms of payment are identified and more particularly described in EXHIBIT C which is incorporated herein by reference.

5.2 The payment by the State of the contract price shall be the only and the complete reimbursement to the Contractor for all expenses, of whatever nature incurred by the Contractor in the performance hereof, and shall be the only and the complete

compensation to the Contractor for the Services. The State shall have no liability to the Contractor other than the contract price.

5.3 The State reserves the right to offset from any amounts otherwise payable to the Contractor under this Agreement those liquidated amounts required or permitted by N.H. RSA 80:7 through RSA 80:7-c or any other provision of law.

5.4 Notwithstanding any provision in this Agreement to the contrary, and notwithstanding unexpected circumstances, in no event shall the total of all payments authorized, or actually made hereunder, exceed the Price Limitation set forth in block 1.8.

6. COMPLIANCE BY CONTRACTOR WITH LAWS AND REGULATIONS/ EQUAL EMPLOYMENT OPPORTUNITY.

6.1 In connection with the performance of the Services, the Contractor shall comply with all applicable statutes, laws, regulations, and orders of federal, state, county or municipal authorities which impose any obligation or duty upon the Contractor, including, but not limited to, civil rights and equal employment opportunity laws. In addition, if this Agreement is funded in any part by monies of the United States, the Contractor shall comply with all federal executive orders, rules, regulations and statutes, and with any rules, regulations and guidelines as the State or the United States issue to implement these regulations. The Contractor shall also comply with all applicable intellectual property laws.

6.2 During the term of this Agreement, the Contractor shall not discriminate against employees or applicants for employment because of race, color, religion, creed, age, sex, handicap, sexual orientation, or national origin and will take affirmative action to prevent such discrimination.

6.3 The Contractor agrees to permit the State or United States access to any of the Contractor's books, records and accounts for the purpose of ascertaining compliance with all rules, regulations and orders, and the covenants, terms and conditions of this Agreement.

7. PERSONNEL.

7.1 The Contractor shall at its own expense provide all personnel necessary to perform the Services. The Contractor warrants that all personnel engaged in the Services shall be qualified to perform the Services, and shall be properly licensed and otherwise authorized to do so under all applicable laws.

7.2 Unless otherwise authorized in writing, during the term of this Agreement, and for a period of six (6) months after the Completion Date in block 1.7, the Contractor shall not hire, and shall not permit any subcontractor or other person, firm or corporation with whom it is engaged in a combined effort to perform the Services to hire, any person who is a State employee or official, who is materially involved in the procurement, administration or performance of this Agreement. This provision shall survive termination of this Agreement.

7.3 The Contracting Officer specified in block 1.9, or his or her successor, shall be the State's representative. In the event of any dispute concerning the interpretation of this Agreement, the Contracting Officer's decision shall be final for the State.

8. EVENT OF DEFAULT/REMEDIES.

8.1 Any one or more of the following acts or omissions of the Contractor shall constitute an event of default hereunder ("Event of Default"):

8.1.1 failure to perform the Services satisfactorily or on schedule;

8.1.2 failure to submit any report required hereunder; and/or

8.1.3 failure to perform any other covenant, term or condition of this Agreement.

8.2 Upon the occurrence of any Event of Default, the State may take any one, or more, or all, of the following actions:

8.2.1 give the Contractor a written notice specifying the Event of Default and requiring it to be remedied within, in the absence of a greater or lesser specification of time, thirty (30) days from the date of the notice; and if the Event of Default is not timely cured, terminate this Agreement, effective two (2) days after giving the Contractor notice of termination;

8.2.2 give the Contractor a written notice specifying the Event of Default and suspending all payments to be made under this Agreement and ordering that the portion of the contract price which would otherwise accrue to the Contractor during the period from the date of such notice until such time as the State determines that the Contractor has cured the Event of Default shall never be paid to the Contractor;

8.2.3 give the Contractor a written notice specifying the Event of Default and set off against any other obligations the State may owe to the Contractor any damages the State suffers by reason of any Event of Default; and/or

8.2.4 give the Contractor a written notice specifying the Event of Default, treat the Agreement as breached, terminate the Agreement and pursue any of its remedies at law or in equity, or both.

8.3. No failure by the State to enforce any provisions hereof after any Event of Default shall be deemed a waiver of its rights with regard to that Event of Default, or any subsequent Event of Default. No express failure to enforce any Event of Default shall be deemed a waiver of the right of the State to enforce each and all of the provisions hereof upon any further or other Event of Default on the part of the Contractor.

9. TERMINATION.

9.1 Notwithstanding paragraph 8, the State may, at its sole discretion, terminate the Agreement for any reason, in whole or in part, by thirty (30) days written notice to the Contractor that the State is exercising its option to terminate the Agreement.

9.2 In the event of an early termination of this Agreement for any reason other than the completion of the Services, the Contractor shall, at the State's discretion, deliver to the Contracting Officer, not later than fifteen (15) days after the date of termination, a report ("Termination Report") describing in detail all Services performed, and the contract price earned, to and including the date of termination. The form, subject matter, content, and number of copies of the Termination Report shall be identical to those of any Final Report described in the attached EXHIBIT B. In addition, at the State's discretion, the Contractor shall, within 15 days of notice of early termination, develop and

submit to the State a Transition Plan for services under the Agreement.

10. DATA/ACCESS/CONFIDENTIALITY/PRESERVATION.

10.1 As used in this Agreement, the word "data" shall mean all information and things developed or obtained during the performance of, or acquired or developed by reason of, this Agreement, including, but not limited to, all studies, reports, files, formulae, surveys, maps, charts, sound recordings, video recordings, pictorial reproductions, drawings, analyses, graphic representations, computer programs, computer printouts, notes, letters, memoranda, papers, and documents, all whether finished or unfinished.

10.2 All data and any property which has been received from the State or purchased with funds provided for that purpose under this Agreement, shall be the property of the State, and shall be returned to the State upon demand or upon termination of this Agreement for any reason.

10.3 Confidentiality of data shall be governed by N.H. RSA chapter 91-A or other existing law. Disclosure of data requires prior written approval of the State.

11. CONTRACTOR'S RELATION TO THE STATE. In the performance of this Agreement the Contractor is in all respects an independent contractor, and is neither an agent nor an employee of the State. Neither the Contractor nor any of its officers, employees, agents or members shall have authority to bind the State or receive any benefits, workers' compensation or other emoluments provided by the State to its employees.

12. ASSIGNMENT/DELEGATION/SUBCONTRACTS.

12.1 The Contractor shall not assign, or otherwise transfer any interest in this Agreement without the prior written notice, which shall be provided to the State at least fifteen (15) days prior to the assignment, and a written consent of the State. For purposes of this paragraph, a Change of Control shall constitute assignment. "Change of Control" means (a) merger, consolidation, or a transaction or series of related transactions in which a third party, together with its affiliates, becomes the direct or indirect owner of fifty percent (50%) or more of the voting shares or similar equity interests, or combined voting power of the Contractor, or (b) the sale of all or substantially all of the assets of the Contractor.

12.2 None of the Services shall be subcontracted by the Contractor without prior written notice and consent of the State. The State is entitled to copies of all subcontracts and assignment agreements and shall not be bound by any provisions contained in a subcontract or an assignment agreement to which it is not a party.

13. INDEMNIFICATION. Unless otherwise exempted by law, the Contractor shall indemnify and hold harmless the State, its officers and employees, from and against any and all claims, liabilities and costs for any personal injury or property damages, patent or copyright infringement, or other claims asserted against the State, its officers or employees, which arise out of (or which may be claimed to arise out of) the acts or omission of the

Contractor, or subcontractors, including but not limited to the negligence, reckless or intentional conduct. The State shall not be liable for any costs incurred by the Contractor arising under this paragraph 13. Notwithstanding the foregoing, nothing herein contained shall be deemed to constitute a waiver of the sovereign immunity of the State, which immunity is hereby reserved to the State. This covenant in paragraph 13 shall survive the termination of this Agreement.

14. INSURANCE.

14.1 The Contractor shall, at its sole expense, obtain and continuously maintain in force, and shall require any subcontractor or assignee to obtain and maintain in force, the following insurance:

14.1.1 commercial general liability insurance against all claims of bodily injury, death or property damage, in amounts of not less than \$1,000,000 per occurrence and \$2,000,000 aggregate or excess; and

14.1.2 special cause of loss coverage form covering all property subject to subparagraph 10.2 herein, in an amount not less than 80% of the whole replacement value of the property.

14.2 The policies described in subparagraph 14.1 herein shall be on policy forms and endorsements approved for use in the State of New Hampshire by the N.H. Department of Insurance, and issued by insurers licensed in the State of New Hampshire.

14.3 The Contractor shall furnish to the Contracting Officer identified in block 1.9, or his or her successor, a certificate(s) of insurance for all insurance required under this Agreement. Contractor shall also furnish to the Contracting Officer identified in block 1.9, or his or her successor, certificate(s) of insurance for all renewal(s) of insurance required under this Agreement no later than ten (10) days prior to the expiration date of each insurance policy. The certificate(s) of insurance and any renewals thereof shall be attached and are incorporated herein by reference.

15. WORKERS' COMPENSATION.

15.1 By signing this agreement, the Contractor agrees, certifies and warrants that the Contractor is in compliance with or exempt from, the requirements of N.H. RSA chapter 281-A ("*Workers' Compensation*").

15.2 To the extent the Contractor is subject to the requirements of N.H. RSA chapter 281-A, Contractor shall maintain, and require any subcontractor or assignee to secure and maintain, payment of Workers' Compensation in connection with activities which the person proposes to undertake pursuant to this Agreement. The Contractor shall furnish the Contracting Officer identified in block 1.9, or his or her successor, proof of Workers' Compensation in the manner described in N.H. RSA chapter 281-A and any applicable renewal(s) thereof, which shall be attached and are incorporated herein by reference. The State shall not be responsible for payment of any Workers' Compensation premiums or for any other claim or benefit for Contractor, or any subcontractor or employee of Contractor, which might arise under applicable State of New Hampshire Workers' Compensation laws in connection with the performance of the Services under this Agreement.

16. NOTICE. Any notice by a party hereto to the other party shall be deemed to have been duly delivered or given at the time of mailing by certified mail, postage prepaid, in a United States Post Office addressed to the parties at the addresses given in blocks 1.2 and 1.4, herein.

17. AMENDMENT. This Agreement may be amended, waived or discharged only by an instrument in writing signed by the parties hereto and only after approval of such amendment, waiver or discharge by the Governor and Executive Council of the State of New Hampshire unless no such approval is required under the circumstances pursuant to State law, rule or policy.

18. CHOICE OF LAW AND FORUM. This Agreement shall be governed, interpreted and construed in accordance with the laws of the State of New Hampshire, and is binding upon and inures to the benefit of the parties and their respective successors and assigns. The wording used in this Agreement is the wording chosen by the parties to express their mutual intent, and no rule of construction shall be applied against or in favor of any party. Any actions arising out of this Agreement shall be brought and maintained in New Hampshire Superior Court which shall have exclusive jurisdiction thereof.

19. CONFLICTING TERMS. In the event of a conflict between the terms of this P-37 form (as modified in EXHIBIT A) and/or attachments and amendment thereof, the terms of the P-37 (as modified in EXHIBIT A) shall control.

20. THIRD PARTIES. The parties hereto do not intend to benefit any third parties and this Agreement shall not be construed to confer any such benefit.

21. HEADINGS. The headings throughout the Agreement are for reference purposes only, and the words contained therein shall in no way be held to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Agreement.

22. SPECIAL PROVISIONS. Additional or modifying provisions set forth in the attached EXHIBIT A are incorporated herein by reference.

23. SEVERABILITY. In the event any of the provisions of this Agreement are held by a court of competent jurisdiction to be contrary to any state or federal law, the remaining provisions of this Agreement will remain in full force and effect.

24. ENTIRE AGREEMENT. This Agreement, which may be executed in a number of counterparts, each of which shall be deemed an original, constitutes the entire agreement and understanding between the parties, and supersedes all prior agreements and understandings with respect to the subject matter hereof.

Exhibit A

Special Provisions

None

Exhibit B

Scope of Services

- A. The Contractor shall provide all labor, materials, chemicals and equipment to satisfactorily clean and recondition Well #2 at Berlin State Fish Hatchery following the AquaFreed® process or approved equivalent process. Cleaning by a hydrochloric acid treatment method is not an acceptable approved equal. The Contractor shall also determine the specific capacity of the well before and after reconditioning and provide a report.
- B. The Contractor shall recondition the pumping equipment from Berlin Hatchery Well #2 following the specifications described herein.
- C. The Contractor shall apply for, pay all fees, and obtain all permits necessary to complete the work, lawfully. The contractor shall comply with all provisions of permits, including coordination and inspections of work by the appropriate approving authorities.
- D. Material and shop drawings shall be submitted to the Chief of Inland Fisheries for approval.
- E. Complete final cleanup of the site and facility to the complete satisfaction of the Owner. The work shall include the cost of legal disposal of all excess or waste materials generated from this project in a manner which is consistent with any local, state and federal rules and regulations for disposal of such materials.
- F. Furnish all pump test results and other information related to work done on the well, pumps and motors, pump information, warranties and contract closeout material prior to making the final payment request.

DETAILED SPECIFICATIONS
FOR
REMOVAL AND INSPECTION OF PUMPING EQUIPMENT
AND
CHEMICAL TREATMENT AND REDEVELOPMENT OF WATER SUPPLY WELL

1. **INTENT OF SPECIFICATIONS:** Under these specifications, it is intended that the CONTRACTOR shall furnish all necessary equipment, labor and supplies required to recondition both the well and pumping equipment in service for the *New Hampshire Fish and Game Department at the Berlin, NH Hatchery Well #2*. All information which the BIDDER may require may be secured by means of a personal visit to the site of the work. Arrangement for such a visit may be made by contacting the Hatchery Superintendent.
2. **NEW HAMPSHIRE DES TEMPORARY GROUND WATER DISCHARGE PERMIT:** The CONTRACTOR shall work with the NHF&G to prepare and submit the NH DES application for a Temporary Ground Water Discharge permit as required for the well redevelopment procedures.
3. **EQUIPMENT:** The CONTRACTOR shall furnish, deliver, and erect at the site all necessary rigging and miscellaneous equipment to accomplish the repairs. This will include a hoist/crane rig capable of pulling the motor and pumping equipment. **The development rig MUST include a hydraulically operated surging piston with variable stroke length between 1 and 6-feet to provide a reciprocating surging action in the well automatically. Use of a Cable Tool rig is NOT acceptable.** The equipment shall also be capable of a stroke frequency up to 30 strokes per minute. The work will be performed by the CONTRACTOR'S personnel with equipment owned by the CONTRACTOR and shall not be subcontracted.
4. **SITE SAFETY REQUIREMENTS:**
 - CONTRACTOR'S field employees must all have current OSHA 10-Hour Training to be permitted on site.
 - Due to the use of heavy equipment, the use of hazardous chemicals, the presence of potential overhead and electrical hazards, **the CONTRACTOR'S field crew MUST consist of a 2-MAN CREW for ALL on-site activities** including accessing the pump station, removal & reinstallation of the permanent pumping equipment, installation & removal of the developing tools, all chemical handling including surface preparation, injection, pumping and neutralization, and all mechanical surging and pumping activities.
5. **PRELIMINARY TEST:** Prior to pulling the pumping equipment, the CONTRACTOR shall conduct a test of the well and pumping equipment by isolating the well from the system, connecting a temporary discharge line and orifice pipe to the station blow off line or yard hydrant, and operating the existing pump at a minimum of four (4) different flow rates to establish a baseline for the evaluation of the effectiveness of the cleaning effort. Vibration, voltage and amperage readings are also to be collected and recorded during the pre-cleaning testing procedures.

6. **REMOVAL AND INSPECTION OF PUMP AND MOTOR:** The CONTRACTOR shall remove the pump and motor from the well, taking all due precaution to avoid damaging the well house, well casings, seals, discharge piping or pumping equipment. Once removed, the pumping equipment, column pipe, and discharge head shall be disassembled, cleaned by high pressure washing and inspected by the CONTRACTOR'S qualified personnel. A written Pump Inspection Report detailing the condition of the equipment will be prepared and submitted, along with a complete list of recommended repair parts, including pricing, to the Hatchery Superintendent for review and approval. No repairs shall be made without prior written authorization from the Hatchery Superintendent. This work shall be performed by the CONTRACTOR'S factory trained personnel, and shall not be subcontracted.

7. **WELL REDEVELOPMENT:** The CONTRACTOR shall redevelop each well for up to 32-hours by a combination of individual chemical treatments, mechanical surging, high volume backwashing and pumping. The development equipment to be used MUST include a minimum of three (3) full diameter blocks (two in the screen and one in the casing), an end-suction turbine pump, a calibrated orifice for the measurement of the flow rate and a minimum 1,500 gallon temporary holding tank to be used for the storage and neutralization of the redevelopment chemicals.

The wells will be redeveloped and chemically treated as follows:

- 1st Treatment** – Once the pumping equipment has been removed the CONTRACTOR shall pre-treat the well by jetting the interior of the screen with a high pressure stream of water to remove soft materials and break apart hardened mineral deposits from the screen surface. The jetting tool is to be set within the well along with either a submersible or centrifugal pump. Once set, the jetting tool will be raised and lowered through the well screen covering the entire length of screen on each pass. Throughout the jetting process, the submersible/centrifugal pump will be used to pump debris loosened out of the well. Waste water pumped from the well will be directed to a temporary holding tank where the solids will be allowed to settle out prior to discharge of the water on-site at a location acceptable to the OWNER.
- 2nd Treatment** - Upon removal of the jetting equipment, the surge-block development tools will be set, and prior to the placement of any chemicals, the well will be surged for a period of one (1) hour and then pumped to waste to remove any loose debris from the interior of the screen & casing. Place in the well screen a solution consisting of 20 degree baume Muriatic Acid and NuWell 310 Bio-Acid Enhancer. A sufficient amount of Acid shall be placed in the well to provide an Acid concentration in the entire screen and gravel pack of 15%. The NuWell 310 shall be added at a rate of 2.5 gallons per 55 gallons of Acid. Once the solution has been placed in the well it shall be forced into the formation by the addition of 1,500 gallons of potable water. The Acid/NW310 solution shall then be surged, pumped and backwashed for a minimum of 4 hours. The high volume backwash effort shall include the recirculation of unspent Acid/NW310 solution into the well through the developing tools. Each backwash event should include a quantity of not less than 1,000 gallons of the chemical solution being forced back into the screened section of the well. Once the treatment is complete, the well will be pumped to waste while surging, into the temporary settling tank provided by the CONTRACTOR. After settlement, the Acid solution will be neutralized to a pH of at least 6.0 by the addition of Soda Ash, and then discharged to waste on-site at the location designated by the OWNER. A detailed record of the neutralization data shall be maintained and submitted with the final report. In calculating the amount of chemicals to be required, the screen length plus 5' shall be considered as a base. The gravel pack shall be considered to have

a porosity of 50% and allowance should be made to fill both the screen and the gravel pack with chemicals.

3rd Treatment – Once the Acid solution has been pumped from the well, the CONTRACTOR shall treat the well using a wetting agent to remove formation fines, silts and clays. Place 1 gallon of Nu Well 220 (Johnson Screen) per 1,000 gallons of well volume. Once the solution has been placed in the well it shall be forced into the formation by the addition of 500 gallons of water. The well shall be surged, pumped and backwashed (as described above) for a minimum of 4 hours, the solution pumped from the well, neutralized as needed, and discharged to waste on-site.

4th Treatment – Once the Wetting Agent solution has been pumped from the well, the CONTRACTOR shall place in the well sufficient Sodium Hypochlorite solution to provide a minimum concentration of 200 ppm. The total volume of the chlorine solution shall be 3 times the volume of the water in the screen and gravel pack. Immediately following the injection of the chlorine, the well will be surged without pumping to distribute the solution through both the screen and gravel pack. Following this surging effort, the solution is to be forced into the formation by the addition of 1,500 gallons of water. Whenever possible the solution shall remain in the well overnight and be surged, pumped and backwashed (as described above) for a minimum of 4 hours before pumping to waste. Following treatment, the chlorine solution will be pumped into a temporary settling tank provided by the CONTRACTOR. The Sodium Hypochlorite solution will be neutralized in the CONTRACTOR'S temporary holding tank with Sodium Bisulfite until a chlorine residual of < 5ppm is achieved. The neutralized solution will then be discharged to waste on-site at the location designated by the OWNER. A detailed record of the neutralization data shall be maintained and submitted with the final report.

Additional Treatments - At the completion of each chemical treatment, a brief 30 minute pumping test shall be conducted to provide an estimate of the development results. The test MUST be completed using the end suction turbine pump and calibrated orifice pipe. No other methods of pumping or flow measurement will be permitted. Upon completion of each treatment, an analysis of the development results shall be made with the OWNER. The decision of whether to provide additional chemical treatments will be made at that time.

Pumping to Clear Well Treatment Chemicals – **The final 6-hours of machine time is to be spent surging and pumping the well to waste to ensure that all treatment chemicals have been removed from the well and surrounding aquifer prior to the well being returned to service.**

8. **REASSEMBLY AND REINSTALLATION:** The CONTRACTOR shall reassemble and install the reconditioned pumping unit in the well, being careful to maintain proper alignment with the existing pump foundation and discharge piping.
9. **FINAL TEST OF WELL AND EQUIPMENT:** Following the installation of the pump in the well, the CONTRACTOR shall conduct a 2 hour pumping test of the well and its equipment, comparing the results of this test with the capacity of the well prior to its reconditioning. Voltage and amperage measurements shall be taken and recorded, together with pump discharge pressure, static and pumping water levels and capacities at four (4) operating points of the pump.
10. **REPORT:** Upon completion of all work, a letter report detailing the work completed. Information to be included in the report includes the following:

- Complete details of the results of the daily testing throughout the redevelopment process, redevelopment chemicals including quantities used and a detail of any repair parts furnished.
 - A separate report detailing the post-cleaning flow test on the well and pumping equipment showing all pertinent well, pump and motor information as well as all field test data collected and a plot of the current pump performance shall be made.
11. **SALVAGE:** All pump parts and equipment removed from the existing work and not required to be reinstalled in the new work shall remain the property of the OWNER.

Exhibit C

Method of Payment

Payment will be made within 30 days of approved invoice(s).

BARRIE MILLER'S WELL & PUMP SERVICE, INC.

PO Box 23
HILLSBOROUGH, NH 03244-0023
Phone/Fax (603) 464-4806
millersh2o@comcast.net

CERTIFICATE OF VOTE

I, Peter W. Leberman, Secretary of Barrie Miller's Well & Pump Service, Inc. (the "Company"), do hereby certify that:

1. I am the duly elected Secretary of Barrie Miller's Well & Pump Service, Inc.
2. The following are true copies of two (2) resolutions duly adopted at a meeting of the Board of Directors of Barrie Miller's Well & Pump Service, Inc. duly held on November 1, 2021.

RESOLVED: That the Company enter into a contract with the State of New Hampshire, acting through its Fish and Game Department.

RESOLVED: That George B. Miller, the President, Treasurer, and Sole Director of the Company, is hereby authorized on behalf of the Company to enter into a contract with the State and to execute any and all documents, agreements, and other instruments, and any other amendments, revisions, or modifications thereto, as he may deem necessary or desirable to effect the purpose of these resolutions.

3. The foregoing resolutions have not been amended or revoked and remain in full force and effect as of November 1, 2021.
4. George B. Miller is the duly elected President, Treasurer, and Sole Director of the Company.

IN WITNESS WHEREOF, I have hereunto set my hand as the Secretary of Barrie Miller's Well & Pump Service, Inc. this 1st day of November, 2021.

[CORPORATE SEAL]





Peter W. Leberman

STATE OF NEW HAMPSHIRE
COUNTY OF HILLSBOROUGH

On this the 1st day of November, 2021, before me, the undersigned officer, personally appeared Peter W. Leberman, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same for the purposes therein contained.

In witness whereof, I hereunto set my hand and official seal.

[SEAL]



Debra E. Walton

Notary Public

Name of Notary: Debra E. Walton

State of New Hampshire

Department of State

CERTIFICATE

I, William M. Gardner, Secretary of State of the State of New Hampshire, do hereby certify that BARRIE MILLER'S WELL & PUMP SERVICE, INC. is a New Hampshire Profit Corporation registered to transact business in New Hampshire on June 06, 2001. I further certify that all fees and documents required by the Secretary of State's office have been received and is in good standing as far as this office is concerned.

Business ID: 379631

Certificate Number: 0005402967



IN TESTIMONY WHEREOF,

I hereto set my hand and cause to be affixed
the Seal of the State of New Hampshire,
this 5th day of July A.D. 2021.

A handwritten signature in black ink, appearing to read "William M. Gardner".

William M. Gardner
Secretary of State

