



The State of New Hampshire  
**Department of Environmental Services**



**Clark B. Freise, Assistant Commissioner**

January 27, 2017

Joseph Roy  
Granite Post Green MHC LLC  
459 Lafayette Road  
Hampton, NH 03842

**COPY**

Subject: Community, PWS Id 1773020, Shel Al Mobile Estates, North Hampton

Dear Mr. Roy:

This is to inform you that **Shel Al Mobile Estates** is active in the NH Public Drinking Water Supply Inventory database with you registered as the **new Owner**. Your PWS ID is **1773020**. This identifier is used by State and Federal governments to track your water system. It identifies the water system, not the residence or business associated with it. Therefore, this identifier is not transferable and, if you should sell the system, the following information should be passed on to the new owner and this office notified of any changes in writing per Env-Dw 503.05.

**Shel Al Mobile Estates** is classified as a "community water system". Such a system is defined as a residential system designed to serve at least 25 residents on a year round basis. Examples include municipal water systems, condominiums, single-family residences and mobile home parks.

The following sections describe the responsibilities of a community water system. Enclosed please find a listing of the names and phone numbers for the staff members most knowledgeable with the topics covered in each section.

**Please Note: The DES Drinking Water and Groundwater Bureau (DWGB) staff have assigned sampling sites for bacteria, chemical, and for lead and copper. Pursuant to Env-Dw 708.04, you must obtain DES' approval in advance if you wish to change the assigned locations.**

**Master Sampling Schedule** - Enclosed is your master sampling schedule, which includes all sampling requirements for which the system is responsible. Sampling schedules and all analysis request forms are available on line at <http://www2.des.state.nh.us/DESONestop/BasicSearch.aspx>. Prior to each sampling event, please print a new Analysis Request form because the fields are pre-populated to include your exact sampling site identifier, location, and description. It is critical that this information is correct for the electronic transfer of data. Please submit all changes or corrections in writing.

**Bacteria Monitoring** - Disease organisms in a single glass of water can cause illness, therefore water quality testing for bacteria is done frequently. **A new system typically samples four times a year or once a quarter for each quarter the system is open.** Sampling may be increased if detections of these contaminants occur at or above certain trigger levels. You will be notified if increased sampling is required. The number of samples taken is based on the population and configuration of the system. You may request a reduction in bacteria sampling if you are eligible for reduced monitoring in accordance with NH Admin Rule Env-Dw 709. More information is available at <http://des.nh.gov/organization/commissioner/legal/rules/documents/env-dw709-713.pdf>.

**Groundwater Rule Investigative Monitoring (GWR-IM) and Triggered Monitoring (GWR-TM)** - Groundwater sources are subject to contamination from many areas. Per Env-Dw 717 Groundwater Monitoring and Treatment; all new well sources, as well as, reactivated systems that have disinfection must collect and analyze **6 consecutive monthly raw water samples for E. coli**. The first sample should be collected within 30 days prior to serving water to the public. A pre-populated GWR-IM sample form is available with your Master Sampling Schedule on the OneStop public water system query at

[www.des.nh.gov](http://www.des.nh.gov)

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(603) 271-3503 • TDD Access: Relay NH 1-800-735-2964

<http://www2.des.state.nh.us/DESONestop/BasicSearch.aspx>. Please be sure to use the GWR-IM form and request that the lab uses a method that provides enumeration rather than presence/absence results for these samples.

If/when bacteria are detected during routine bacteria sampling, repeat samples are required. Samples need to be collected from the distribution system, as well as, from the source (Triggered Monitoring or GWR-TM) to help determine the cause of the bacterial contamination. A specially designated GWR-TM sample form is available with your Master Sampling Schedule on the OneStop public water system query at <http://www2.des.state.nh.us/DESONestop/BasicSearch.aspx>. More information concerning this rule is available at <http://des.nh.gov/organization/commissioner/legal/rules/documents/env-dw717.pdf>.

**Lead and Copper** - Action levels for these metals are 0.015 mg/L (15 ppb) for lead, and 1.3 mg/L for Copper, however, the maximum contaminant level goal for lead in drinking water is ZERO due to its severe health effects, especially for children. The number of samples for this program varies from 5 to 100 and is based on the system's population. Sampling frequency depends on the water quality results. Additional information is available at <http://des.nh.gov/organization/divisions/water/dwgb/lead-copper/index.htm>.

**Chemical Monitoring** - Water quality testing for chemical parameters is less frequent, although equally as important. Generally, parameters in this group can pose a risk to health with exposure over a long period of time. The chemical monitoring groups include: Nitrate and Nitrite, inorganic compounds (IOCs, including metals), volatile organic compounds (VOCs, such as solvents & hydrocarbons), synthetic organic compounds (SOCs, such as pesticides), and radiologicals (RADs, such as uranium & radium). Federal and state regulations require all community public water systems to participate in a chemical monitoring program set forth in three-year compliance periods.

**Chemical Monitoring Waivers** - As a community water system you are eligible to apply for chemical monitoring waivers. By obtaining waivers and implementing measures to help protect your drinking water source(s) from contamination, you can save costs by reducing the frequency of testing for VOC's and SOC's. Approximately 76% of eligible water systems participate in the waiver program. Waivers are granted based on source protection criteria. **A water system must be in compliance with the NHDES DWGB rules to participate.** The application process is not difficult, it is free to apply and help is available. More information about the program is available at <http://des.nh.gov/organization/divisions/water/dwgb/dwspp/waivers/index.htm>.

**Disinfection Byproducts (DBPs)** - Water systems that apply a chemical disinfectant such as chlorine, chloramines or ozone are required to monitor for disinfection byproducts and disinfectant residuals, in accordance with the type of disinfectant. Your monitoring frequency and number of samples depend on the levels detected, service population and source water origin (surface or groundwater). More information is available at [http://des.nh.gov/organization/divisions/water/dwgb/faq\\_dbp.htm](http://des.nh.gov/organization/divisions/water/dwgb/faq_dbp.htm).

**General System Evaluation Form** - There is often a need for, and DES encourages, the collection of samples that are located before or mid treatment, or at locations other than your regularly established compliance sites. We have included an additional sample form located on the OneStop at the end of your Master Sampling Schedule list specifically for this purpose. **Please note that this form should also be used when submitting bacteriological samples in order to lift a Boil Order.** Please feel free to consult with our technical staff for assistance in evaluating your system to resolve or prevent any water quality problems.

**Laboratory Services** - NH Administrative Rule Env-Dw 719 requires owners of public water systems, who have samples analyzed by a commercial laboratory, to enter into a written agreement with the certified lab to have their samples analyzed according to the proper methods, and reported to this office within two business days. In the event that an acute contaminant is detected, they are required to notify us within 24 hours. While there are contrac-



tual obligations between you and your laboratory, as the owner you are ultimately responsible for your water system complying with all state and federal regulations.

Be sure to submit your samples and completed paperwork to the NH State Laboratory or a state-certified laboratory during your scheduled quarters or months. **It is important that you sample within the designated quarter** to ensure compliance with Env-Dw 708. To prevent an unnecessary burden on the laboratory at the ends of the quarters, and to ensure that your samples are processed within the required time frame, please plan accordingly. Appointments may be required for certain analyses. Sample bottles, specific to each test, should be obtained from your laboratory. A list of the accredited laboratories is available at <http://des.nh.gov/organization/divisions/water/dwgb/nhelap/documents/labs-private-wells.pdf>. If you use the State Laboratory, contact them by phone at (603) 271-3445 or at the following link <http://des.nh.gov/organization/commissioner/lsw/index.htm>.

**Permit to Operate** - Community water systems are required to pay an annual Permit to Operate Fee (PTO). Your annual fee is \$300.00 based on 71 households or household equivalents. The cost is structured on \$10.00 per household or household equivalent with a maximum fee of \$300.00. The fee period follows the State's fiscal calendar year from July 1 to June 30. **The fee and signed application are due by June 30 of each year.** The application and permit are available on the OneStop public water system query at <http://www2.des.state.nh.us/DESONestop/BasicSearch.aspx>. More information is available at [http://des.nh.gov/organization/divisions/water/dwgb/permit\\_pws\\_pto.htm](http://des.nh.gov/organization/divisions/water/dwgb/permit_pws_pto.htm).

**Field Inspections** - The DWGB staff inspects all community water systems every three years. There is no charge for this inspection. *The last sanitary survey on this public water system was conducted on December 8, 2014.*

**Operator Certification** - All community water systems are required to retain a NH certified water system operator. To meet this requirement, the owner may do one of the following: hire a NH certified operator, become a certified operator by passing the certification examination, or have an individual associated with the water system become certified. Annual training is provided to assist water system personnel in obtaining the certification. The cost of the small systems grade 1A examination is \$50.00. The renewal period for certification is two years and the renewal fee for the grade 1A operator is \$50.00. Continuing education is required to maintain all levels of certification per renewal period. The continuing education requirements for small system operators grade 1A is a minimum of 5 hours. More information concerning operator certification is available on our website at [http://des.nh.gov/organization/divisions/water/dwgb/op\\_cert/index.htm](http://des.nh.gov/organization/divisions/water/dwgb/op_cert/index.htm).

**Design Approval or Changes to Existing Systems** - Design review approval is required for all changes to the water system. This includes expansion of the system to new customers, adding new treatment, storage, pumping or distribution upgrades or adding new wells. More information is available at [http://des.nh.gov/organization/divisions/water/dwgb/permit\\_pws\\_design.htm](http://des.nh.gov/organization/divisions/water/dwgb/permit_pws_design.htm).

**Emergency Plans** - NH Administrative Rule Env-Dw 503.21 requires all community water systems to have and maintain an updated emergency plan. This plan must be submitted to DES once every 6 years in March. It further requires that the plan to be reviewed annually by the system and updated as needed. Additionally, the plan is a checklist item during each sanitary survey and the lack of one will be a survey deficiency. Guidance documents and other emergency planning information are available on our website at <http://des.nh.gov/organization/divisions/water/dwgb/wseps/index.htm>.

**Consumer Confidence Report** - All community water systems are required to produce a yearly Consumer Confidence Report (CCR). The CCR informs water customers about specific water quality parameters of their drinking

water, the source of their water, the status of source water protection for the area impacting their water system. For this reason, it is important to maintain all laboratory water quality reports pertaining to your public water system.

The CCR must be completed and distributed to your customers and to this office by **July 1 of each year**. Each CCR should include the most recent water quality data from the previous calendar year. You must also submit a letter of certification to this office by **July 10 of each year** stating that you have distributed the CCR to your customers and that the information used in the report was correct and consistent with compliance monitoring data previously submitted to DES. Further information and a sample certification form are available on our website at <http://des.nh.gov/organization/divisions/water/dwgb/capacity/consumer.htm>.

**Administrative Record Keeping System** - Documentation relative to the systems sampling requirements (sites and schedules), **all water quality information (laboratory reports)**, compliance information, any improvements, and expansions must be maintained. **It is important for the owner to notify this office in writing of all changes affecting the water system.**

As the water system's owner, it is ultimately your responsibility to ensure these requirements are implemented regardless of whether you occupy the facility or lease/rent it to other parties. Please read the enclosed information, fill out the necessary forms, and return them to the Water Division address listed on the first page. When necessary, representatives from this office will contact you regarding the various sampling schedules. If you have questions, please contact the appropriate staff member as listed on the attached staff listing. Thank you for your attention to these matters.

Sincerely,



Jane Murray  
Drinking Water and Groundwater Bureau

Owner Enc: Chemical Waiver Instructions  
Contact Information Form  
Fact Sheet WD-DWGB-14-1  
General System Evaluation Form  
Master Sampling Schedule  
OneStop Query Instructions  
Owner Form  
Sampling Fees/Staff Listing

cc: Corbin Kennedy  
North Hampton Health Officer  
North Hampton Select Board