



The State of New Hampshire
DEPARTMENT OF ENVIRONMENTAL SERVICES



Robert R. Scott, Commissioner

EMAIL ONLY

May 17, 2019

James R. Campbell, Ph.D., P.E.
Cannons Sites Group
1500 Ardmore Blvd.
Suite 502
Pittsburg, PA 15221-4468

Subject: **Londonderry** – Tinkham Garage Site, off McAllister Drive
DES Site #199004008, Project #1880

Application for Renewal of Groundwater Management Permit,
prepared by Haley & Aldrich, Inc. (H&A), dated November 30, 2018

Annual Water Quality Monitoring Report for 2018, prepared by H&A,
dated January 31, 2019

Dear Mr. Campbell:

The New Hampshire Department of Environmental Services (NHDES) has reviewed the subject reports and other information in our files regarding the discharge of volatile organic compounds (VOCs) at the referenced site. Please find enclosed Groundwater Management Permit Number **GWP-199004008-L-004** (Permit) approved by NHDES with modifications as noted. The enclosed Permit is issued for a period of 5 years to monitor the effects of past discharges of VOCs and other contaminants and will take effect immediately, as renewal of your prior Permit. Based on our review of the above referenced submittals and existing information, NHDES has the following comments:

Groundwater Management Permit Comments

1. Recent data collected in support of a Remedial Investigation at the site indicates that the Groundwater Management Zone (GMZ), as constituted, does not encompass the full extent of site-sourced groundwater contamination, and the monitoring well network does not address the potential extent and migration of contaminants within and beyond the current GMZ. This has been confirmed by the presence of site-related contaminants at concentrations in excess of their NHDES Ambient Groundwater Quality Standards (AGQSs) in groundwater samples collected from monitoring wells historically inferred to represent the GMZ boundary as well as beyond the GMZ boundary in nearby residential water supply wells. The locations of AGQS violations have included water supply wells to the northwest along Mercury Drive, to the southeast along Ross Drive and Tokanel Drive, and to the northeast in the area of Boston Avenue and Charleston Avenue, in addition to monitoring wells to the southwest and south. This has required the temporary conveyance of bottled water to impacted households along Ross Drive and Tokanel Drive, and the installation and connection of properties along Boston Avenue and Charleston Avenue to a waterline under a 2016 Explanation of Significant Differences (ESD). At this time, NHDES concurs with the proposed expanded GMZ outlined on Figure 2 provided on 4 April 2019 that defines the current known extent of groundwater contamination exceeding AGQS; however, please note that modifications to the GMZ will likely be required as additional data are collected as part of this renewed Permit as well as the ongoing remedial investigation. This includes the investigation into the migration of site-related impacts to the Boston and Charleston Avenue area of the site and the extent of impacts in the area

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PO Box 95, 29 Hazen Drive, Concord, NH 03302-0095

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of the Woodland Village Condos. Currently, we note that the properties in the Boston and Charleston Avenue area have not been proposed for inclusion in the revised GMZ; however, actions have been taken related to drinking water impacts to this area, quarterly monitoring is required under this renewed Permit, and remedial investigations continue to evaluate the contaminant migration pathway from the Site to this area.

2. The monitoring program proposed in Table 1 of the Application for Renewal of Groundwater Management Permit has been increased in the renewed Permit to expand the collection of site groundwater monitoring data, to allow for assessment of contaminant fate and transport, and to ensure protectiveness of residential properties that rely on private bedrock wells for potable water supply. The renewed Permit was specifically modified to require semi-annual monitoring of drinking water supply wells from properties adjacent to, or otherwise surrounding, currently impacted water supply wells (and the GMZ boundary) until NHDES determines that sufficient data has been collected to ensure that these nearby receptors are not consuming drinking water impacted with site-related contaminants in excess of AGQS, will not continue to draw contaminated groundwater to their well at levels in excess of AGQS, or until a remedial alternative is required and implemented that addresses plume migration, restoration of groundwater, and/or requirement for connections to an existing public water supply, thereby ensuring protectiveness to receptors in the area of the site.
3. The groundwater and surface water monitoring scope proposed in the Application for Renewal of Groundwater Management Permit has been increased under the renewed Permit. Based on the discovery of multiple GMZ violations during recent site-wide monitoring events and expanded residential drinking water sampling efforts, the renewed Permit requires semi-annual monitoring of all existing monitoring well locations to improve the understanding of the contaminant fate and transport based on the existing monitoring well network. NHDES notes that it is likely a more robust monitoring well network will be developed following the completion of the Remedial Investigation and implementation of any remedial alternative. During the ongoing investigation, the data collected under the requirements of the Permit will be used to develop and refine a better understanding of groundwater quality across the site, evaluate the appropriateness of the GMZ, and also identify potential data gaps present that may require additional investigation. Summary reports documenting the data collected shall be prepared in accordance with Env-Or 607.04 and provide an adequate summary of the effectiveness of any remedial measures and groundwater quality within the GMZ. This includes, but is not limited to, the specific items outlined below in this letter. NHDES anticipates that the monitoring and reporting requirements outlined in the Permit will be revised accordingly (increased or reduced) as new data becomes available or upon request by the permittee in accordance with Env-Or 607.11(a).
4. Please submit all required sampling results and monitoring summaries to the NHDES' Groundwater Management Permits Coordinator. Correspondence should include the appropriate [Cover Sheet for Reports](#) and completed [Cover Sheet for Groundwater Monitoring Reports](#) that clearly show the NHDES identification number for this site (i.e., DES Site #199004008, Project #1880). The submittal of documents in an electronic format through NHDES' [OneStop database](#) is preferred.
5. The revised Groundwater Management Zone as defined in the enclosed Permit contains properties that are not owned by the Permit holder. Therefore, Condition #9 requires the Permit holder to provide notice of the Permit by certified mail, within 15 days of Permit

issuance, to all owners of additional lots of record added to the Groundwater Management Zone. Documentation of the notification, in the form of a copy of the notice with return receipt(s), shall be submitted to NHDES within 45 days of Permit issuance.

6. Condition #10 requires the Permit holder to record "Notice" of the Permit (not the Permit), within 60 days of issuance, at the registry of deeds in the chain of title for each lot added to the Groundwater Management Zone. A separate Notice form for each property added to the Groundwater Management Zone shall be generated and recorded. An example Notice is enclosed for your use. A copy of each recorded Notice shall be submitted to NHDES and the town of Londonderry within 30 days of recordation.

Annual Water Quality Monitoring Report for 2018 Comments

7. The Annual Water Quality Monitoring Report for 2018 does not provide an adequate summary of the work performed and data collected during the 2018 calendar year. In accordance with Env-Or 607.04(a)(1), the report should include a summary of work performed during the monitoring period including a description of the type and frequency of monitoring activities conducted. Specifically, but not limited to, the report does not discuss the extensive drinking water sampling effort conducted to the northeast of the site in the area of Boston Avenue and Charleston Avenue or to the southeast of the site in the area of Ross Drive and Tokanel Drive and only briefly mentions the work being performed to further characterize the fractured bedrock aquifer and the groundwater/ surface water interaction. While NHDES recognizes that these data were collected in support of the ongoing Remedial Investigation and that some of the data were not collected until near the end of the 2018 year, the quarterly sampling in the Boston/Charleston Ave area has not been summarized in any of the annual summary reports for the site since detections of site contaminants of concern (COCs) were initially observed in 2014. NHDES anticipates that future annual summary reports will provide a comprehensive summary of *all* activities conducted during the monitoring period and not just monitoring conducted to meet the requirements of the Permit.
8. A site map figure illustrating all existing monitoring well locations and an associated table should be included with all future site-related submittals. Sections of the report reference monitoring wells that are only identified on figures provided within the appendices.
9. Table II of the report should be updated for future site-related submittals to reflect the lithologic unit in which each monitoring well is screened. A note should also be provided for when artesian conditions are observed at a monitoring location.
10. Section 1.1.3 of the Annual Water Quality Monitoring Report for 2018 provides little interpretation of groundwater flow within the bedrock at the site. There is no discussion of bedrock types or fracture frequency and orientation, and how these influence the flow of groundwater within the bedrock formation. Significant work has been conducted in recent years including, but not limited to, borehole geophysical logging at numerous wells, installation of multi-level well screens in select monitoring wells, and lineament mapping; each of these were performed to better understand the bedrock fabric and its influence on groundwater and the migration of contaminants at the site. Future annual summary reports shall include an updated discussion regarding the bedrock fabric and how it affects the fate and transport of contaminants at the site.

11. The large bend in the 270-foot contour present on Figure 3 between FW11D and FW28D is unsupported by the data presented on the figure and is not supported by the historical data presented on Figure 6 of Appendix A. Data-gaps exists in this area, which should have been identified in the text with a discussion on recommendations to address the data-gap. Please submit an addendum to the report with a revised version of Figure 3 along with the additional information requested in this letter.
12. The Annual Water Quality Monitoring Report for 2018 does not provide an update to the conceptual site model (CSM) that is required by Env-Or 607.04(a)(2). The CSM presented in the report has not been updated despite the collection of significant additional data regarding the bedrock and groundwater/surface water interactions at the site. In addition, new site COCs have been identified in recent years that exhibit differing fate and transport characteristics from the chlorinated-VOCs that have historically constituted the primary COCs and provided the basis for the CSM. The new site COCs that are more mobile and persistent in the environment have resulted in the expansion of the GMZ, as discussed previously in this letter, to areas of the site that were previously inferred to not be at risk of becoming impacted. The CSM is a living document describing contaminant releases, contaminant migration, and environmental receptor exposure to contaminants that should be continually updated based on new data collected. There has been sufficient data collected at this time that warrants an update to the CSM before completion of all activities associated with the ongoing Remedial Investigation. The above requested addendum to the report should also include a narrative discussion of the types of contaminants released, how the contaminants were released to the environment (inferred and/or confirmed), site-specific contaminant behavior including the fate and transport through the hydrogeologic system identified during site-related investigations, and a discussion of potential receptors.
13. Section 1.4 of the report indicates that the Quality Assurance Project Plan (QAPP) for the site was submitted on 11 May 2007 and subsequently updated on 15 May 2009. NHDES notes that there have been revisions to approved field procedures and laboratory analytical methods since 2009, including sampling guidance for Per- and Polyfluoroalkyl Substances (PFAS) and analytical methods for low-level 1,4-dioxane. The QAPP should be revisited and updated as necessary to ensure that it complies with current NHDES and United States Environmental Protection Agency (EPA) requirements and procedures.
14. Section 2.1 of report indicates that the water level data collected during the 2018 monitoring events were not sufficient to generate a figure illustrating the groundwater potentiometric surface within the overburden aquifer. The inferred direction of groundwater flow at the site is a key component to the understanding the CSM and the distribution of site impacts. Future groundwater monitoring events shall include water level measurements from a sufficient number of monitoring wells to accurately generate figures illustrating the groundwater potentiometric surface in both overburden and bedrock at the site. The enclosed Groundwater Management Permit GWP-199004008-L-004 outlines the minimum additional water level monitoring locations that shall be included during each event to support this effort.
15. The intrinsic biodegradation indicator parameters discussion in Section 3.1 of the report focuses on the evaluation and comparison of dissolved oxygen, oxidation reduction potential, pH, alkalinity, and chloride results and references the EPA document "Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water," dated 1998. While chlorinated-VOCs continue to be present in site groundwater, greater

emphasis should be placed on evaluating the migration and attenuation of 1,4-dioxane and PFAS, and their characteristics when present in the environment.

16. As indicated in Section 3.2 of the report, contaminant isoconcentration maps showing the distribution of VOCs and 1,4-dioxane in site groundwater were not provided with the above referenced report. The lateral and vertical distribution of impacts to groundwater at a site is a critical component of the CSM that should be supported through the use of these types of figures. Please include updated contaminant isoconcentration maps with the above requested report addendum to meet the requirements of Env-Or 607.04.

This renewed Permit and associated letter is being issued after review and comment by the EPA. As indicated previously, NHDES and EPA acknowledge that extensive work is being conducted in support of a Remedial Investigation at the site; however, the increased monitoring outlined under this Permit is required to ensure that the remedy at the site continues to be protective of human health and the environment. The investigation and any remedial alternative will likely result in an expanded monitoring network that adequately evaluates the distribution of impacts at the site and the effectiveness of the selected remedy. While the data collection process is ongoing and the detailed evaluation of the results will be presented in the Remedial Investigation Report, results indicating significant changes such as new site COCs and the extent of impacts warrant discussion in the annual summary report for the site.

Please do not hesitate to contact me if you have any questions regarding this letter.

Sincerely,



Waste
Management
Division

Digitally signed by Waste
Management Division
Date: 2019.05.17
13:08:41 -04'00'

Andrew Fuller, P.G.
Hazardous Waste Remediation Bureau
Tel: (603) 271-6805
Fax: (603) 271-2181
Email: Andrew.Fuller@des.nh.gov

Attn: Example Notice of Groundwater Management Permit

ec: Cheryl Sprague, USEPA
Ian Phillips, LSP, Haley & Aldrich, Inc.
Amy B. Dykstra, PE, Haley & Aldrich, Inc.
Seth Jaffe, Esq., Foley, Hoag & Eliot
Robert Lucic, Esq., Sheehan Phinney
Attention Health Officer, Town of Londonderry
Robin Mongeon, PE, HWRB



The
NEW HAMPSHIRE DEPARTMENT OF ENVIRONMENTAL SERVICES
hereby issues
GROUNDWATER MANAGEMENT PERMIT NO. GWP-199004008-L-004
to the permittee
CANNON SITES GROUP
to monitor the past discharge of
Volatile Organic Compounds, 1,4-Dioxane and PFAS
at
TINKHAM GARAGE SITE
(off McAllister Drive)
in LONDONDERRY, N.H.
via the groundwater monitoring system comprised of
57 monitoring wells, 4 surface water locations, and 76 drinking water wells
as depicted on the Site Plan entitled
Proposed Groundwater Management Zone and GMP Monitoring Wells
dated April 2019, prepared by Haley & Aldrich, Inc.

TO: CANNON SITES GROUP
C/O SETH JAFFE
FOLEY, HOAG & ELIOT
155 SEAPORT BOULEVARD
BOSTON, MA 02210-2600

Date of Issuance: May 17, 2019
Date of Expiration: May 16, 2024

Pursuant to authority in N.H. RSA 485-C:6-a, the New Hampshire Department of Environmental Services (NHDES), hereby grants this Permit to monitor past discharges to the groundwater at the above-described location for five years, subject to the following conditions:

(continued)

STANDARD MANAGEMENT PERMIT CONDITIONS

1. The permittee shall not violate Ambient Groundwater Quality Standards adopted by NHDES (N.H. Admin. Rules Env-Or 600) in groundwater outside the boundaries of the Groundwater Management Zone, as shown on the referenced site plan.
2. The permittee shall not cause groundwater degradation that results in a violation of surface water quality standards (N.H. Admin. Rules Env-Wq 1700) in any surface water body.
3. The permittee shall allow any authorized staff of NHDES, or its agent, to enter the property covered by this Permit for the purpose of collecting information, examining records, collecting samples, or undertaking other action associated with this Permit.
4. The permittee shall apply for renewal of this Permit prior to its expiration date but no more than 90 days prior to expiration.
5. This Permit is transferable only upon written request to, and approval of, NHDES. Compliance with the existing Permit shall be established prior to Permit transfer. Transfer requests shall include the name and address of the person to whom the Permit transfer is requested, the signatures of the current and future permittees, and a summary of all monitoring results to date.
6. NHDES reserves the right, under N.H. Admin. Rules Env-Or 600, to require additional hydrogeologic studies and/or remedial measures if NHDES receives information indicating the need for such work.
7. The permittee shall maintain a water quality monitoring program and submit monitoring results to NHDES no later than 45 days after sampling. Samples shall be taken from the monitoring wells and surface water sampling points as shown and labeled on the referenced site plan, and other sampling points listed in the following table in accordance with the schedule outlined herein:

| Monitoring Locations | Sampling Frequency | Parameters |
|---|-----------------------------|--|
| D1, D2, D3, DVE-3, DVE-7, ERT01, ERT02, ERT03, ERT04, ERT06, ERT08, F, FW02, FW02D, FW03D, FW04, FW05, FW06, FW08, FW08D, FW09, FW11D-55, FW11D-70, FW11D-90, FW17, FW20, FW21, FW21D-40, FW21D-60, FW21D-78, FW23, FW24, FW24D, FW25, FW25D, FW26D, FW27, FW28D-80, FW28D-104, FW28D-174, LGAW, LGSW, MP-1-3S/R, MP-1-3S, MP-L-1S, MP-L-2S, MP-L-2D, NAI-K2, NAI-M1, OW1, OW2S, OW2D, RD-S, RD-D, 10 Boston Ave., 12 Boston Ave., 20 Charleston Ave. | May & November of each year | NHDES Waste Management Division Full List of Analytes for Volatile Organics, Low Level 1,4-Dioxane, PFAS using EPA Method 537, Rev. 1.1, and Static Water Levels |
| SW1, SW2, Stream 1D, Stream 1C near RD well cluster, and Stream 1A/1B | May & November of each year | NHDES Waste Management Division Full List of Analytes for Volatile Organics and Low Level 1,4-Dioxane |

(continued)

GWP-199004008-L-004

| Monitoring Locations | Sampling Frequency | Parameters |
|--|---|--|
| 5 Boston Ave., 6 Boston Ave., 8 Boston Ave., 8 Charleston Ave., 22 Charleston Ave. 10 Ross Dr., 34 Ross Dr., 3 Tokanel Dr., 9 Tokanel Dr., 10 Tokanel Dr., 24 Tokanel Dr., 26 Tokanel Dr., and 43 Tokanel Dr. | February, May, August, & November each year | NHDES Waste Management Division Full List of Analytes for Volatile Organics, Low Level 1,4- Dioxane, and PFAS using EPA Method 537, Rev. 1.1 |
| 2 Gail Rd., 15 Gilcreast 25 Gilcreast Rd., 27 Gilcreast Rd., 29 Gilcreast Rd., 3 Ross Dr., 4 Ross Dr., 5 Ross Dr., 6 Ross Dr., 7 Ross Dr., 8 Ross Dr., 9 Ross Dr., 11 Ross Dr., 12 Ross Dr., 13 Ross Dr., 14 Ross Dr., 15 Ross Dr., 16 Ross Dr., 18 Ross Dr., 19 Ross Dr., 20 Ross Dr., 21 Ross Dr., 22 Ross Dr., 24 Ross Dr., 25 Ross Dr., 26 Ross Dr., 27 Ross Dr., 28 Ross Dr., 29 Ross Dr., 30 Ross Dr., 31 Ross Dr., 32 Ross Dr., 4 Tokanel Dr., 5 Tokanel Dr., 6 Tokanel Dr., 7 Tokanel Dr., 8 Tokanel Dr., 11 Tokanel Dr., 12 Tokanel Dr., 13 Tokanel Dr., 14 Tokanel Dr., 14A Tokanel Dr., 15 Tokanel Dr., 16 Tokanel Dr., 17 Tokanel Dr., 18 Tokanel Dr., 19 Tokanel Dr., 20 Tokanel Dr., 21 Tokanel Dr., 22 Tokanel Dr., 23 Tokanel Dr., 25 Tokanel Dr., 27 Tokanel Dr., 28 Tokanel Dr., 29 Tokanel Dr., 30 Tokanel Dr., 31 Tokanel Dr., 33 Tokanel Dr., 35 Tokanel Dr., 37 Tokanel Dr., 39 Tokanel Dr., 41 Tokanel Dr., and 45 Tokanel Dr. | May & November of each year | NHDES Waste Management Division Full List of Analytes for Volatile Organics, Low Level 1,4- Dioxane, and PFAS using EPA Method 537, Rev. 1.1 |

Sampling shall be performed in accordance with the documents listed in Env-Or 610.02 (e). Samples shall be analyzed by a laboratory certified by the U.S. Environmental Protection Agency, or NHDES pursuant to Env-C 300.

Summaries of water quality shall be submitted annually to NHDES' Waste Management Division, in the month of January, using a format acceptable to NHDES. The Summary Report shall include the information listed in Env-Or 607.04 (a), as applicable.

The Annual Summary Report shall be prepared and stamped by a professional engineer or professional geologist licensed in the State of New Hampshire.

8. Issuance of this Permit is based on the Application for Renewal of Groundwater Management Permit dated November 30, 2018, supplemental information provided to NHDES on March 20, 2019, and the historical documents found in NHDES file DES #199004008. NHDES may require additional hydrogeologic studies and/or remedial measures if invalid or inaccurate data are submitted.
9. Within 15 days of the date of NHDES approval of this Groundwater Management Permit, the permittee shall provide notice of the Permit by certified mail, return receipt requested, to all owners of the new lots of record added to the Groundwater Management Zone. The permittee shall submit documentation of this notification to NHDES within 45 days of Permit issuance.
10. Within 60 days of the date of NHDES approval of this Groundwater Management Permit, the Permit holder shall record notice of the Permit in the registry of deeds in the chain of title for each of the new **lots added** to the Groundwater Management Zone. **This recordation requires that the registry be provided with the name of current property owner and associated book and page numbers for the deed of each additional lot encumbered by this Permit. Portions of State/Town/City roadways and associated right-of-way properties within the Groundwater Management Zone do not require recordation.** A copy of each recorded notice shall be submitted to NHDES and the Town of Londonderry within 30 days of recordation.
11. Within 30 days of discovery of a violation of an ambient groundwater quality standard at or beyond the Groundwater Management Zone boundary, the permittee shall notify NHDES in writing. Within 60 days of discovery, the permittee shall submit recommendations to correct the violation. NHDES shall approve the recommendations if NHDES determines that they will correct the violation.
12. All monitoring wells at the site shall be properly maintained and secured from unauthorized access or surface water infiltration.

SPECIAL CONDITIONS FOR THIS PERMIT

13. Recorded property within the Groundwater Management Zone shall include the lots as listed and described in the following table:

| Tax Map / Lot No. | Property Address | Owner Name and Address | Deed Reference (Book / Page) |
|--------------------------|---|---|-------------------------------------|
| 007/119-0 | 41 Nashua Road Londonderry, NH | Home Depot USA, Inc. Property Tax Dept #3401 Atlanta, GA 30348-5842 | 3533/1498 |
| 007/122-1 | 3 Rear McAllister Drive Londonderry, NH | Tinkham, Fred S. Revoc Trust; Tinkham, Judy M. Revoc Trust; Tinkham, Fred S. Trustee; Tinkham, Judy M. Trustee 3 McAllister Drive Londonderry, NH 03053 | 4937/0303 |

| Tax Map / Lot No. | Property Address | Owner Name and Address | Deed Reference (Book / Page) |
|--|---|---|-------------------------------------|
| 007/122-0 | 2 Wesley Drive Londonderry, NH | Valente, Joseph A. The Nevins Retirement Cooperative Assoc. 2 Wesley Drive Londonderry , NH 03053 | 4678/0092 |
| 007/124-7 007/124-9 007/124-10 007/124-13 007/124-15 007/124-19 007/124-24 007/124-29 007/124-33 | Constitution and Capitol Hill Drive Londonderry, NH | Wege, Tim Woodland Village Condo Assoc. c/o Harvard Management P.O. Box 2019 Merrimack, NH 03054 | 2567/1513-1523 |
| 007/124-1 | 1 Mercury Drive Londonderry, NH | Olmerc LLC 3 McAllister Drive Londonderry, NH 03053 | 4880/0430 |
| 007/124-42* | 2 Mercury Drive Londonderry, NH | Simonelli, Thomas P. P.O. Box 1317 Londonderry, NH 03053 | 3599/1339 |
| 007/124-2 | 3 Mercury Drive Londonderry, NH | Cote Family Revoc Trust; Cote, Monique G. Grantors & Trustees 3 Mercury Drive Londonderry, NH 03053 | 5494/1536 |
| 007/124-43 | 4 Mercury Drive Londonderry, NH | Darcy, John S. 4 Mercury Drive Londonderry, NH 03053 | 5561/2484 |
| 007/124-44* | 8 Mercury Drive Londonderry, NH | Abdel-Fattah, Amr; Youssef, Cherwent A. 8 Mercury Drive Londonderry, NH 03053 | 5827/2686 |
| 007/124-45* | 10 Mercury Drive Londonderry, NH | Carroll, John H. III 10 Mercury Drive Londonderry, NH 03053 | 3809/1643 |
| 007/124-4 | 11 Mercury Drive Londonderry, NH | Nee, James M.; Nee, Kristen L. 11 Mercury Drive Londonderry, NH 03053 | 3692/1984 |
| 007/124-46* | 12 Mercury Drive Londonderry, NH | Ross, John B. 12 Mercury Drive Londonderry, NH 03053 | 3395/1458 |
| 007/124-5 | 13 Mercury Drive Londonderry, NH | Gensale, Vittorio; Gensale, Barbara A. 13 Mercury Drive Londonderry, NH 03053 | 5712/1890 |

| Tax Map / Lot No. | Property Address | Owner Name and Address | Deed Reference (Book / Page) |
|--------------------------|---|--|-------------------------------------|
| 007/124-6 | 15 Mercury Drive Londonderry, NH | Bates, Geoffrey J. 15 Mercury Drive Londonderry, NH 03053 | 5195/2462 |
| 007/127-1* | 3 Constitution Drive Londonderry, NH | Macpherson, Donald J.; Macpherson, Marlo M. 3 Constitution Drive Londonderry, NH 03053 | 5558/2087 |
| 007/124-41* | 9 McAllister Drive Londonderry, NH | Gauthier, Roger O.; Gauthier, Michelle M. 9 McAllister Drive Londonderry, NH 03053 | 4853/2836 |
| 007/124-40* | 11 McAllister Drive Londonderry, NH | Graceffa, David A.; Graceffa, Norma I. P.O. Box 1100 Londonderry, NH 03053 | 3201/2396 |
| 007/124-39* | 13 McAllister Drive Londonderry, NH | Aucella Family Revoc Trust; Aucella, Richard F. Trustee; Aucella, Linda R. Trustee 13 McAllister Drive Londonderry, NH 03053 | 5751/0532 |
| 007/127-2* | 15 McAllister Drive Londonderry, NH | Peters, Timothy; Peters, Brenda J. 15 McAllister Drive Londonderry, NH 03053 | 3822-1910 |
| 007/127-0* | 17 McAllister Drive Londonderry, NH | Victoria Realty Trust; Weston, Cynthia M. Trustee; Printzlau, Jay E. Trustee 17 McAllister Drive Londonderry, NH 03053 | 2845/2061 |
| 007/117-42* | 26 Ross Drive Londonderry, NH | Defreitas, Manuel; Defreitas, Ilda 26 Ross Drive Londonderry, NH 03053 | 2894/1253 |
| 007/117-45* | 27 Ross Drive Londonderry, NH | Jorge, Jose Carlos; Jorge, Olga Maria 27 Ross Drive Londonderry, NH 03053 | 5861/0795 |
| 007/117-44* | 28 Ross Drive Londonderry, NH | O'Donnell, Darren; O'Donnell, Eileen 28 Ross Drive Londonderry, NH 03053 | 5139/2944 |
| 007/117-47* | 29 Ross Drive Londonderry, NH | Gschwind, George K.; Gschwind, Patricia F. 29 Ross Drive Londonderry, NH 03053 | 2402/1012 |

| Tax Map / Lot No. | Property Address | Owner Name and Address | Deed Reference (Book / Page) |
|--------------------------|-------------------------------------|---|-------------------------------------|
| 007/117-46* | 30 Ross Drive Londonderry, NH | Flint One Family Trust; Flint, M. Gordon Jr. Trustee; Flint, Carol V. Trustee 30 Ross Drive Londonderry, NH 03053 | 4140/2852 |
| 007/117-49* | 31 Ross Drive Londonderry, NH | Islam, Babul; Islam, Crystal G. 31 Ross Drive Londonderry, NH 03053 | 4013/0373 |
| 007/117-48* | 32 Ross Drive Londonderry, NH | Neal, Rohan; Neal, Barbara D. 32 Ross Drive Londonderry, NH 03053 | 5686/0652 |
| 007/117-54* | 28 Tokanel Drive Londonderry, NH | Gaffney, AM & Norris MA Revoc Trust Gaffney, Ann M. Trustee; Norris, Matthew A. Trustee 28 Tokanel Drive Londonderry, NH 03053 | 5433/2782 |
| 007/117-56* | 30 Tokanel Drive Londonderry, NH | Lynch, Bernard P.; Lynch, Linda M. 30 Tokanel Drive Londonderry, NH 03053 | 3319/371 |
| 007/117-59* | 33 Tokanel Drive Londonderry, NH | Parker, Jeffrey A.; Parker, Michele D. 33 Tokanel Drive Londonderry, NH 03053 | 4378/1955 |
| 007/117-55* | 39 Tokanel Drive Londonderry, NH | Hull, Francis I.; Hull, Edna F. 39 Tokanel Drive Londonderry, NH 03053 | 2268/104 |

* - New property within GMZ requiring notification and recordation at registry of deeds.

14. Within 45 days of obtaining analytical sampling results for the drinking water supply wells, the permittee shall submit the results to the NHDES' Waste Management Division and the property owner. Immediate verbal notification is required upon receipt of analytical sampling results showing exceedances of the New Hampshire Ambient Groundwater Quality Standards for post treatment drinking water or drinking water that is untreated prior to the tap. The analytical sampling reports shall be submitted to both NHDES and property owner within 5 days of this verbal notification.

15. The permittee shall update the ownership information required by Env-Or 607.03(a)(20) for all properties within the Groundwater Management Zone prior to renewal of the Permit, or upon a recommendation for site closure.



Karlee A. Kenison, P.G., Administrator
Hazardous Waste Remediation Bureau
Waste Management Division

Any person aggrieved by any terms or conditions of this Permit may appeal to the N.H. Waste Management Council ("Council") by filing an appeal that meets the requirements specified in RSA 21-O:14 and the rules adopted by the Council, Env-WMC 200. The appeal must be filed **directly with the Council within 30 days** of the date of this decision and must set forth fully **every ground** upon which it is claimed that the decision complained of is unlawful or unreasonable. Only those grounds set forth in the notice of appeal can be considered by the Council.

Information about the Council, including a link to the Council's rules, is available at <https://nhec.nh.gov/> (or more directly at <https://nhec.nh.gov/waste/index.htm>). Copies of the rules also are available from NHDES' Public Information Center at (603) 271-2975. Information Center at (603) 271-2975.

GWP-199004008-L-004