

**TOWN OF RYE - SELECT BOARD
MEETING
Monday, August 14, 2023 – 5:30 p.m.
Rye Town Hall**

Selectmen Present: *Chair Tom King, Vice-Chair Bill Epperson, and Bob McGrath*

Others Present on behalf of the Town: *Town Administrator Matt Scruton, and Asst. Town Administrator/Finance Director Becky Bergeron*

5:30 p.m.

I. CALL TO ORDER

Chair King called the meeting to order at 5:33 p.m.

**II. NON-PUBLIC SESSION (1) per RSA 91-A:3, II (b) Hiring
(2) per RSA 91-A:3, II (c) Reputation**

At 5:33 p.m., Tom King made a motion to go into Non-Public Session per RSA 91-A:3 II (b) Hiring. Seconded by Bill Epperson. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

At 5:53 p.m., Tom King made a motion to come out of Non-Public Session. Seconded by Bill Epperson. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

At 5:54 p.m., Tom King made a motion to go into Non-Public Session per RSA 91-A:3 II (c) Reputation. Seconded by Bill Epperson. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

At 6:03 p.m., Tom King made a motion to come out of Non-Public Session. Seconded by Bob McGrath. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

**Motion by Tom King to seal the minutes of the non-public meeting that just occurred.
Seconded by Bob McGrath. All in favor.**

At 6:04 p.m., Tom King made a motion to go into Non-Public Session per RSA 91-A:3 II (b) Hiring. Seconded by Bob McGrath. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

At 6:33 p.m., Tom King made a motion to come out of Non-Public Session. Seconded by Bob McGrath. Roll Call: Epperson – Yes, McGrath – Yes, King - Yes.

6:30 p.m. - RECONVENE PUBLIC MEETING

III. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chair King reconvened the meeting at 6:37 p.m. and led the Pledge of Allegiance.

IV. ANNOUNCEMENTS

- Chair King introduced Kevin Wunderly who will be taking the newly created position of deputy fire chief starting on October 1st. He also introduced Rebecca O'Brien who will be moving from a part-time position with the department to a fulltime EMT/Firefighter.

Fire Chief Mark Cotreau noted that Becca has been with the department about a year and a half. She is passionate about her position and has been training over the last year and a half.

Ms. O'Brien commented that she is thrilled to be working for the Town. She appreciates the opportunity and is looking forward to getting started.

Fire Chief Cotreau noted that Kevin has been with the department for eight years and worked in other communities before that time. Chief Cotreau continued that it was a very competitive process in finding the new deputy fire chief. There were two terrific candidates. The department is excited to have Lieutenant Wunderly onboard.

Lieutenant Wunderly thanked everyone for their continued support. He enjoys being in Rye and serving the community.

- Chair King announced that Dr. Gail Snow, who had previously been given a lifetime service award by the NH Health Officers' Association after thirty-seven years of service in Rye, has been recognized as one of ten 'New Hampshire Community Leaders Everyone Should Know About' for her lifetime achievement and service award. He congratulated Dr. Snow on her well-deserved recognition.
- Chair King announced that Rye's Joint Loss Committee was able to successfully meet the requirements to move Rye up in the effectiveness category for its insurance programs. Rye has received the prime designation from Primex the State's insurance organization. This results in a 2.5% discount on the Town's insurance premiums. He thanked the Joint Loss Committee for their hard work and dedication to the community.
- Rye Day will be taking place on August 19th starting at the Library Common with a procession to Parsons Field at 10:45 a.m. The Rye Day events will kick off at 11:00 a.m. and go until 5:00 p.m. The event will include food trucks, magicians, and music. All residents are encouraged to attend to help celebrate Rye 400.

V. PUBLIC COMMENT – (at the beginning of the meeting, for any comment by any Rye resident on any topic. Requested time limit, up to 5 minutes each person.)

- **Jeff Keefe, 3 Brackett Road**, spoke to the Select Board about 0 Pioneer Road, also known as the Junkins Conservation Land. He noted that he has lived at Brackett Road for about a year and a half and the conservation land is adjacent to his property. He expressed his concerns about the Conservation Commission using the conservation land for parking to provide access to the creek, as Pioneer Road is probably the most dangerous road in Rye. He pointed out there is currently access to the creek from Brackett Road across his land. He commented there's a growing number of people in the community who have concerns about spending taxpayer money to develop conservation land into parking to provide access to land that already has access. He asked that the public have an opportunity to weigh-in on this decision before anything is done to the property.

Chair King noted that Mr. Keefe's letter has been received. The Town Administrator is going to address this with the Conservation Commission. He also noted that it's too early for the Select Board to get involved and no decisions have been made at this time, as RCC has not yet come before the Board.

- **Steven Borne, 431 Wallis Road**, commented that Chief Cotreau has done a fabulous job in managing his staff, along with Chief Walsh. They have looked at what the Town needs for police and fire staff. Mr. Borne suggested that the Town look at what work needs to be done and how the staff is structured. He thinks this is worth a work session. He noted that he sent a letter about the Verizon Wireless dead spot, which didn't make the agenda. There's a dead spot from Washington/Wallis up to Lang Road. Verizon has acknowledged that's an issue, but they wouldn't say why this is happening. However, Verizon said that if people had coverage, lost it, and can no longer use their cell phones, they can switch to a new carrier and break their contracts without a penalty. Mr. Borne commented that if the Town goes through a process again with a cell tower, there should be something in the agreement that would tie into the lease payments if coverage in an area gets worse. He pointed out that a lot of people along Wallis/Washington up to Lang Road can't use their cell phones anymore.

Selectman Epperson noted that the Town has had a lot of conversations with Verizon and other carriers about cell towers. The Select Board is cognizant of the fact that there are big issues with cell service in Rye, not only for people to use but for safety as well.

VI. AGENDA ITEMS

A. PUBLIC HEARING: CERTIFIED LOCAL GOVERNMENT (CLG) GRANT

The purpose of the Hearing is to hear public comment on acceptance and expenditure of a Certified Local Government (CLG) grant in the amount of \$19,500 for the expansion of the Rye Historic District boundaries.

At 6:54 p.m., Chair King moved to open the public hearing. Seconded by Bill Epperson. All in favor.

David Choate, Historic District Commission Member, explained that the Historic District Commission (HDC) submitted a grant application to the NH Department of Historic Resources, as the Commission has been concerned for some time about the area that starts at 1 Central to the white house just past the cemetery. There are eight properties that are in that area. Two of the property owners are members of the HDC, who are very much in favor of this proposal to expand the Historic District. The reason HDC applied for this grant is because it was discovered that the original documentation for the current historic district doesn't exist anymore. The area to be surveyed will include the current historic district in Rye Center, which consists of about thirty properties, as well as the expansion of the District down Central to include the additional eight properties. The Cable House, Star Island, and the Brackett Road site are not subject to the documentation that needs to be done, but will remain as part of the Historic District. A historic district area form is needed in order to move forward with this proposal. HDC was fortunate to be awarded the full grant, which is not a matching grant. The total amount of the grant is \$19,500. If this moves forward past the public hearing, an RFP for consultants to do the work will be posted. The goal is to have this work completed by the end of the year, so the results can be presented at the Deliberative Session and be on the warrant in March for expansion of the District.

Referring to the trolley barn, Selectman Epperson commented there has been talk about it being torn down and made into something else. He pointed out that if the property was to be placed in the Historic District, there would be a lot of restrictions on what could and could not be done on the property. He asked if something could be done under the auspices of the Historic District Commission.

Mr. Choate confirmed. He pointed out it's his understanding that the owner of that property is a preservationist at heart and has some ideas for restoring the barn. Mr. Choate further explained that as part of the process, all eight property owners would be engaged consistently. HDC will be holding a public forum for people to talk about the proposal. HDC thinks this is a minor increment. There's a lot of concern in town about preserving Rye's past. HDC believes there is support in protecting the houses that are historic.

Selectman McGrath noted that he is a member of the HDC this year. He's amazed at how particular they are to detail. Everyone drives through the center of Rye and appreciates the charm and New England feel; however, that doesn't happen by itself. It happens by these people who are custodians of the District helping owners of properties to improve their properties while keeping the integrity of what it was meant to be. He thinks Rye is lucky to have the HDC working so hard and getting this grant is something they should really be proud of.

Chair King opened to the public for comments. Hearing none, he closed the public hearing at 7:01 p.m.

Motion by Tom King to accept and expend the CLG Grant in the amount of nineteen thousand five hundred dollars (\$19,500) for the expansion of the Historic District boundaries and authorize the Town Administrator to sign all contract agreements related to this grant. Seconded by Bill Epperson. All in favor.

B. Chief Walsh – Event Permit Application: Seacoast Half Marathon, Sunday, 10/29/23, 8:00 – 11:30 a.m. to benefit Gather

Police Chief Kevin Walsh spoke to the Select Board about the event permit application for the Seacoast Half Marathon being held on October 29th. He confirmed that all paperwork is in place for the event.

Motion by Tom King to accept the event permit application for the Seacoast Half Marathon for October 29, 2023. Seconded by Bill Epperson. All in favor.

C. Chief Walsh – Event Permit Application: Blue Ocean Society for Marine Conservation “Save our Shore Ocean Swim”, Sunday, 8/20/23, 8:00 a.m. – 1:00 p.m. to benefit Blue Ocean Society

Chief Walsh presented the event permit application for the Blue Ocean Society for Marine Conservation “Save our Shore Ocean Swim.” This is a new event being held in town. Chief Walsh confirmed that Primex has looked over the insurance paperwork and it meets the Town’s requirements.

Fire Chief Cotreau explained the emergency plan for the event to the Select Board.

Motion by Bill Epperson to approve the event permit application for the Blue Ocean Society for Marine Conservation for an event on August 20, 2023 from 8:00 a.m. to 11:00 a.m. with a rain date of August 21st or August 22nd. Seconded by Bob McGrath. All in favor.

D. Deputy Chief Blaisdell – Event Permit Application: Rye Jr. High School Cross Country Team requests permission from the RCC to use the Town Forest for their track meet. The course includes Parsons Field, for which Select Board approval is needed. The track meet is Thursday, 9/21/2023, 3:30 – 6:30 p.m.

Deputy Chief Scott Blaisdell presented the request from the Rye Jr. High School Cross Country Team to use parts of Parsons Field for a track meet on September 21st. He confirmed that the event was brought before the Conservation Commission who approved the use of the Town Forest. The race will be for under 100 participants and will be held from 3:30 p.m. to 6:30 p.m. with the races starting at 4:30 p.m. The team will spend time cleaning the trails after the meet to be sure they are in the same condition as it was before the meet. Deputy Chief Blaisdell confirmed that he will follow up with the school in regards to insurance for the event.

Motion by Tom King to accept the event permit application for the Rye Junior High Cross Country Team to use the Town Forest with parts of Parsons Field for a track meet and to waive the fee for Parsons Field. Seconded by Bill Epperson. All in favor.

E. Craig Musselman, CMA Engineers – Consideration of Concepts to Reduce or Eliminate PFAS Input from the Grove Road Landfill to the Rye Water District Garland Well

Craig Musselman, CMA Engineers, met with the Select Board to present the Grove Road Landfill Water Quality Monitoring Report for the months of April through July, 2023.

- *Please see the Water Quality Monitoring Presentation attached to these minutes. The presentation may also be viewed on Rye's website on the Select Board's page under 'Landfills.'*

Mr. Musselman addressed the Selectmen's request of possible on-site alternatives to reduce or eliminate source of PFAS contamination. He noted that two things would have to be done to cut off leaching from the landfill. The trash that's in the groundwater would have to be excavated and trucked to a commercial landfill. There's not another reasonable way to cut off that source of contamination. Otherwise, the six acres of landfill would have to be capped and graded to drain such that no more water gets into the landfill. During the construction period, the amount of water going into the trash would increase by about fifty percent because the vegetation would get taken out, but that would be for only about six months. He continued that the only source of contamination remaining would be the well in the middle of the landfill which has trash down to clay. Whatever water is remaining underneath the cap would very slowly move through the clay, get into the sand beneath, and flow downgradient. He noted that this would be very costly and would be north of five million dollars. The Town would wind up with some remaining contaminants still slowly draining out of the landfill. For ten years, or whatever the timeframe is for travel, there would be constant concentrations until that plume moves by.

Mr. Musselman continued that there's PFAS in the water that's going to be around for a long time. Typically, the way to deal with that is to build a vertical barrier. In this case, the barrier should be built as close to the Garland well as possible. That vertical barrier can be a clay barrier, or sheet piles of plastic or steel. However, the bedrock is 100' down, closer to the Garland well, and that's too deep to build those barriers. The barrier would be built down to where there is an aquiclude, so the water can't flow under the barrier. Another alternative is to build a line along the front of well points. A series of well points that would pull enough water out of the fine sands. It would take a lot to determine if this could be done, as subsurface information would be needed. He explained the groundwater would be pulled out, treated in the same process that's used for a municipal well and recharged back into the groundwater. If that's not done, it will be ten years for any improvement if the landfill is capped. He noted the well points would be very challenging because enough has to be pulled such that groundwater doesn't go down below it; otherwise, not all of it is being pulled. If this could be done, there would still be sources of PFAS in the Garland well anyway.

Mr. Musselman stated that looking at all the data that has been gathered to date, and having a better understanding of the supply system, CMA has concluded that the way to deal with this is to treat the water supply. He suggested giving some thought about ways to get a grant to build a treatment system for the Garland well, which would get most of the PFAS.

RWD Superintendent Arik Jones noted that the Water District has moved forward with a single point of entry. All wells go into a single point before the water hits the system. This was

driven by the potential manganese ruling. Everybody is getting the blended water, not just water from the Garland well.

Chair King asked what the recommendation would be moving forward, while waiting for a decision on building a water treatment plant.

Mr. Musselman replied that CMA's recommendation is to continue monitoring MW3-D. For the next simultaneous sampling, the Garland well and four observation wells should be sampled and MW-102, 3-D and 1, which is more than what was budgeted and planned for this year. He would like to see the next round of sampling include those downgradient wells again. NH DES will review the information that has been submitted to them and they will respond with what they would like done in addition.

Chair King asked if any steps have been taken to increase the monitoring or adding wells for the Breakfast Hill monitoring program.

Mr. Musselman confirmed. He explained that CMA use to monitor a home on Random Road for a number of years that was used for drinking water. The property owner has since connected to Rye Water within the past two years. The well is now only used for lawn watering. CMA has continued to monitor the well; however, it's periodically used and is not the best sampling situation. When DES asked CMA to sample private water supplies around the Grove Road Landfill site, CMA did the same thing around the Breakfast Hill site. It was discovered that the house next door to the one that has been sampled, has never been connected to Rye Water. A sample was taken from that well and there was a minor hit of PFAS. That result has been sent to DES with a recommendation to add that property to the permit, but keep the one next door on the permit for now to see the difference between the two. He pointed out that all of this will affect the budget for next year, plus what DES also wants to see based on this information.

Rye Water District Commissioner Rosalie Lopresto asked about the sampling timeframe.

Mr. Musselman explained that right now, the permit requires samples to be taken annually. Plus, there was an arrangement between the Town and Rye Water to sample three times a year. Rye Water is sampling quarterly.

RWD Superintendent Jones noted that the Water District's quarter three samples mimicked CMA's sampling timeframe.

Mr. Musselman confirmed that next time they will do the same. He continued that there will be two more samplings this year.

Mr. Jones pointed out that CMA has two more samplings this year; however, the Water District has one more. He pointed out that there are probably funds available in the RWD Budget if it's recommended to take another sample to mimic CMA's sampling in the fall.

Mr. Musselman commented he's not sure if they're going to see variations in the numbers moving forward. The decision to add another sample can be made down the road.

Chair King opened to the public for comments.

Steven Borne, 431 Wallis Road, commented that when everything is said and done, there's PFAS in the water. When the EPA brings it down to 4, there's literature out there that says anything above 0 is still a health issue. If EPA brings the number down, there is going to be a big backlog of communities trying to build water treatment plants and the costs are going to go through the roof. He doesn't know why they are waiting. It should have been done years ago. Everyone knows a water treatment plant is going to be needed. It should be done to get in ahead of the curve. He doesn't know why this is being delayed.

Peter Gordon, 63 Harbor Road, asked if there are any potential sites in Rye for a new well that aren't impacted by landfills. If there were, would that exceed the eleven million dollar cost of a new treatment plant?

Chair King commented this is a Water District question that should be addressed at one of their meetings.

Commissioner Lopresto confirmed that RWD will be holding a public meeting.

Selectman Epperson commented it's unlikely that there would be a well anywhere, based on the standards being proposed, that wouldn't have PFAS.

Chair King pointed out that a new well would not solve the PFAS problem. It might temporarily.

Howard Kalet, 90 Colbourn Road, asked how long it would take to actually start up a treatment plant.

Superintendent Jones noted that currently, the Water District received grant money to move forward with pilot testing. The information that is needed to develop the plant is going to be in process over the next six to eight months. As far as building the plant, it will be two to five years.

The Select Board thanked Mr. Musselman for reviewing the information with them.

F. Update from Town Treasurer Susan Philbrick

Town Treasurer Susan Philbrick met with the Select Board to give an update on topics that were discussed at a recent work shop between herself and the Selectmen. She noted that she has looked into other financial institution options to see what is available, while keeping in mind security fraud control and customer service. She continued that M & T Bank might be an option, but the institution has recently gone through a merger and there were some issues. The issues are well known over the market place, so that bank is ruled out. The next institution is Chase Bank. Chase Bank and the Town's current financial institution have been classified as the best banks nationwide for businesses. They're also a bank that predominately handles larger cities and

counties. The bank doesn't really have local representation. Treasurer Philbrick continued that she met with Partners Bank, which is a great community bank that does a lot locally. There are eleven branches spread out from New Hampshire to Maine. Partners Bank currently uses an Insured Cash Sweep (ICS) System. This means that funds are divided into amounts under the FDIC insurance maximum of \$250,000 and are swept out of the account to other financial institutions. Those financial institutions are located outside of New Hampshire. This means that for many of the Town's accounts, there would be many financial institutions, taking the figures into account. Being a sweep account, it will leave the balances appearing to be zero because the money is swept out. This can make for difficult reconciliation. She pointed out that other individuals have met with Partners Bank on several occasions to see what Partners Bank could do for the Town of Rye's banking needs. The Rye Water District left TD Bank and went to Partners Bank, only to turn around and go back to the Town's current institution. One of the reasons was that reconciliation was just too difficult.

Treasurer Philbrick continued that TD Bank, the Town's current institution, is an AA- bank in New Hampshire and is the only one in the State, rated by S&P. TD Bank has over 300 clients in just New Hampshire. They have a dedicated government banking department. Many of their programs are credit and modified specifically for municipalities. They offer great fraud prevention, positive pay, ACH, and fraud control, as well as cyber criminology awareness training and resources. TD Bank provides a currier and they also provide remote banking. They were rated the highest in customer service in 2023 by Business Insider. It's also rated the best in person support bank by Go Banking Rates. Having done this research, she feels really good about the Town's current institution.

Regarding investments, Treasurer Philbrick noted that PDIP currently has a rate of 5.41%. However, PDIP is not guaranteed by the FDIC or any government agency. PDIP also has some limitations, as there could be some issues with the transfer of money. PDIP has fees that are built into the rate and there's currently a twenty basis point fee for management. In addition, the pool can restrict redemption for different reasons. Referring to the Treasury, she noted that the treasuries are sold at a discounted rate. The interest is the difference between the face value and the discount rate. This can cause some issues with reconciliation and there are limitations, as well. Also, Fitch has downgraded its long-term credit rating for the U.S. This will most likely have a negative impact on treasury rates and PDIP.

Treasurer Philbrick continued that the Town's current financial institution offers rates that are very competitive and the institution is fully collateralized. She noted that she worked with Finance Director Becky Bergeron to look at the cash flow for the Town. The second half of the year is more challenging than the first half because there are expenditures in addition to the school and county payments. She and Finance Director Bergeron feel confident in the Town's current financial institution and the rates that are being offered right now. It's likely that the Fed's will be cutting these rates next year and things could be very different. She continued that they have decided to do a Ladder CD. With a Ladder CD, the rates are staggered depending upon the length of time the money is invested. This will allow for the Town to invest some funds, but also make the school and county payments when they are due. At this point, this is what has been done. She suggested that they keep their eyes open on how it's going and how to move forward in the future.

Selectman McGrath commented that he's been the driving force behind this to try to get some yield out of the Town's liquidity. When this started, most commercial banks were still not offering good interest that matched treasuries, etc. A rate of 5.33% is pretty good and they're getting competitive to generate cash flow; however, it's something they need to keep an eye on. He pointed out that PDIP was created for towns. He asked Treasurer Philbrick to meet with a representative from PDIP so there may be more confidence in moving cash, if TD Bank's rates start to go down.

Treasurer Philbrick agreed to keep all options open.

Selectman Epperson noted the information that Treasurer Philbrick has provided is extensive. The Town pays for the expertise of the Finance Director and the Treasurer. He thinks the Board should listen to their advice and follow it.

Selectman McGrath agreed.

- G. Investment Policy** – Town Treasurer Susan Philbrick has made the required yearly review of the Town's Investment Policy and finds that no modifications are necessary.

The Select Board and Treasurer Philbrick reviewed the Town's Investment Policy and discussed some of the details of the document for clarification purposes. It was noted by Treasurer Philbrick that this is the Town's existing policy and no changes have been made to the document.

Motion by Bill Epperson to accept the Town of Rye Investment Policy dated August 14, 2023. Seconded by Bob McGrath. All in favor.

H. Harbor Road Bridge Update from Hoyle Tanner

Aaron Lachance, Hoyle Tanner & Associates, met with the Select Board to give an update on the Harbor Road Bridge project. He explained that this is a superstructure replacement project to replace the beams and associated work for the bridge. The first step in the contract for the project was to provide detailed evaluation of the substructure that supports the superstructure. During a field review, it was determined that the structure is safe and stable; however, there were some signs of potential settlement and a bit of movement. The intent is to get some borings out to the bridge and have them drilled in, which will be done by GZA GEO Environmental in the late September timeframe. Data will be taken from the borings and the calculations will be reevaluated to determine if some modifications need to be made to strengthen the substructure in association with the superstructure replacement project. The next decision will be whether this work should be done in a staged fashion. Some items that need to be considered would be the closure of the bridge, the amount of work being done, funding for the project, and the severity of the softer soils. It will be decided if this will all be rolled into a single contract for the superstructure and substructural work or if the work will be staged. In that case, the superstructural work will be done first because that is the most critical piece in restoring the full width of the bridge. Perhaps in the next construction season, the substructural work could be

done depending on the nature of how much work needs to be done and what it will cost. He summarized that this is where the project stands right now; borings, update calculations, update recommendations and cost estimates, and meet with the Select Board to discuss how to proceed. He reiterated that the borings are being put in at the end of September. Some information will be available right away; however, it will most likely be around the November/December timeframe when Hoyle Tanner will have a better idea of how to move forward with the project. The intent is to have something ready, as far as cost purposes, for town meeting. Hoyle Tanner will work with the intent of meeting the deadline for a warrant article.

Chair King noted that warrant articles are due by the end of January; however, cost estimates have to be worked into the budget process and January is too late. The Select Board will need the estimates sooner. He pointed out that the budget cycle is different from the warrant cycle.

Selectman Epperson asked about the integrity of the bridge at this time.

DPW Director Jason Rucker explained that the load capacity is at full capacity right now with one lane for travel. The other lane is protected and closed. He continued that Hoyle Tanner is following his direction to make sure that when the superstructure is replaced, there will be abutments and a substructure that will meet the lifespan of a new superstructure. If everything is done correctly, the Town will have a bridge that will function effectively for forty to fifty years. Director Rucker confirmed that they are working on the technical analysis and will be back to the Board with a more accurate cost analysis.

I. Department Head Staffing Requests for 2024

Town Administrator Matt Scruton reviewed his memo to the Select Board regarding the proposed staffing needs for 2024 from the town department heads, which is subject to change during the budgeting process.

Chair King suggested having a work session ahead of the budgeting process to get more information from each department head and work with the Finance Director on the funding for the positions.

The Select Board agreed that Administrator Scruton should set a date for a future work session.

J. NHDOT Requests a Grant Application Letter of Support from the Town of Rye

Town Administrator Scruton explained that this is in regards to the NH Department of Transportation's application for grant funding for a seawall project along Route 1A in North Hampton and Rye. NHDOT is looking for twenty million dollars in grant funds to be used for the first project with a project cost of twenty-five million. This doesn't have a cross commitment for the Town, but would be beneficial for the towns of North Hampton and Rye. NHDOT has requested a letter of support from the Select Board.

The Select Board agreed that Administrator Scruton and DPW Director Rucker should work together to draft a letter of support.

Motion by Tom King to sign a letter in support of the NHDOT grant application from the Town of Rye. Seconded by Bob McGrath. All in favor.

VII. CORRESPONDENCE

A. Letter rec'd from Justin Gray re: his resignation from the Public Works Department

Motion by Tom King to accept Justin Gray's letter of resignation from the Public Works Department as of August 4, 2023. Seconded by Bill Epperson. All in favor.

VIII. NEW BUSINESS

None

IX. OLD BUSINESS

A. Gulf of Maine Intergovernmental Renewable Energy Task Force Representative

Chair King explained that about a month ago, the Select Board appointed a person to the Gulf of Maine Intergovernmental Renewable Energy Task Force. Since that time, the task force has asked Rye if they could appoint other members. The Selectmen feel it would be useful to have more than one member because the Town has qualified people with different backgrounds and view points who are interested in serving on the task force. Chair King further explained that Dr. Sherman was appointed to the task force. There are three other people who had requested to be appointed: Ritchie White who has an extensive background in the fishing industry; Keper Connell who is a commercial fisherman; and Carl Nicolino who is a member of the Energy Committee. He suggested appointing all three people to the task force, along with Dr. Sherman who has already been appointed.

Selectman McGrath noted that Ritchie White had attended a meeting on July 27th at DES at Pease, which was put on by BOEM for the fishing community. There were about 80 to 100 fishermen at the meeting and most were from the State of NH. In general, the fishing community is totally against this project. One of the big concerns is the cables that would come from the wind turbines to shore. They were also in support of doing a test area in Northern Maine to have some studies on the affects before it comes to the Seacoast area. The other thing that Mr. White had mentioned is that BOEM is the company that's going to lease these sites and they don't have to be limited to the number of turbines in each area. Right now, there's supposed to be eight per area but that could go even higher. Selectman McGrath thanked Administrator Scruton for reaching out and allowing the Select Board to put together a "dream team." Everyone who is going to be on this task force has a lot to contribute. He noted that Mr. White, once he is a member of the task force, will be submitting updates to the Select Board. He's sure that Mr. Nicolino from the Energy Committee will as well, along with Dr. Sherman.

Selectman Epperson suggested making Tom Sherman sort of a “chair” of the team, who would report back to the Board, instead of having four separate entities reporting. The information would be coordinated and reported back on a timely basis.

It was agreed that it would create synergy to have a “team,” with everyone having equal authority, for reporting purposes only.

Motion by Bill Epperson to approve the addition to the previously appointed representative Tom Sherman, who serves on the Gulf of Maine Intergovernmental Renewable Energy Task Force, and also appoint Keper Connell, Carl Nicolino, and Ritchie White to the task force with the idea of creating a subcommittee headed by Tom Sherman that would report back to the Select Board with equal authority among all members. Seconded by Bob McGrath. All in favor.

Chair King thanked the people who have been appointed for volunteering their time and expertise.

Carl Nicolino noted that he has met Tom Sherman and has been communicating with him by email. The Energy Committee has invited Tom Sherman and Ritchie White to their meeting in October. He insured the Board that they will keep them updated.

B. Parsons Creek Pump-out Update

Chair King noted that there are only six properties that have not been pumped out. This is a change of three within the last two weeks, which is a significant reduction. Chair King asked Director Rucker to give an update on the testing for Parsons Creek.

Director Rucker noted that he does not have a lot of detailed information on the testing at this time. In order to provide some clarity to the water advisories, and the signage regarding such, the Public Works Department has created their own signs specific to Parsons Creek which is posted in three locations: the bridge at Wallis Road over Parsons Creek; the culvert structure on Ocean Blvd. over Parsons Creek; and the tidal zone where Parsons Creek enters into the ocean. Those advisory signs, with input from the Fire Chief, are worded in such a way that states that the waters are known to have high levels of bacteria and are currently not suitable for swimming, wading, or recreating. There’s also a QR code at the bottom of the sign that will link to the town website. Director Rucker pointed out those signs are separate and independent from the advisory signs that are posted when NH DES posts an advisory for Wallis Sands Beach or Jenness Beach, as those samples are done independently from Parsons Creek. The sampling at Parsons Creek is done by the Town through their contractors and the State does the beaches. The State advisories are posted with a separate sign that DES issues, which are posted at the entrance to the beaches. Director Rucker pointed out that the Parsons Creek advisory signs will remain up due to a number of factors. Parsons Creek has been known to have higher levels of bacterial contamination. To take the signs down and put them back up as often as what’s being required to give an adequate advisory to warn the residents about recreating in these waters, would not make much sense. The Town’s sampling is done infrequently. It would be best to err in an

abundance of caution and let everyone know that these waters are known to have high bacterial content and the Town is not testing as often as the State.

There was some discussion on sampling the outflow area of Eel Pond running under Route 1A, as suggested by Selectman Epperson.

Chair King noted that the Clean Water State Revolving Fund that has been funding the Parsons Creek studies, did not award Rye grant money for 2024. Given the fact that the public is engaged in this and it's a potential contamination of the water and beaches, he doesn't think the Town can take a year off. He proposed a work session to address this issue, along with the staffing. The Town needs to find out from FB Environmental what they were going to do under the State Revolving Fund. He's not saying the Town will fund it fully; however, the monitoring needs to continue so there's no lapse in data.

Chair King also noted that the request made from Senator Shaheen's office for infrastructure funds for the Route 1 sewer did not make the cut for funding. He also noted that Portsmouth was making a request for funds to upgrade one of their pump stations, which had to be done to facilitate Rye's project anyways. If Portsmouth receives those funds, it would move Rye's ability to do the sewer project forward at some time in the future.

X. OTHER BUSINESS

A. Meeting Minutes

1. Meeting, Monday, July 10, 2023, 6:00 p.m., Rye Town Hall

The following correction was noted:

- Page 6, 2nd paragraph should read: **Speaking to Mr. Kalet, Town Administrator Matt Scruton asked if anyone has noticed a difference in the level of service provided by Rye Community Power.**

Motion by Tom King to approve the minutes of July 10, 2023 as amended. Seconded by Bill Epperson. All in favor.

2. Non-Public Session, Monday, July 10, 2023, (1) per RSA 91-A:3 II (b) Hiring

Motion by Tom King to approve the minutes of the non-public session of July 10, 2023, 6:02 p.m., as written. Seconded by Bob McGrath. All in favor.

3. Non-Public Session, Monday, July 10, 2023, (2) per RSA 91-A:3 II (d) Acquisition

Motion by Tom King to approve the minutes of the non-public session of July 10, 2023, 6:23 p.m. for acquisition as written and sealed. Seconded by Bob McGrath. All in favor.

4. Meeting, Monday, July 24, 2023, 6:00 p.m., Rye Town Hall

The following corrections were noted:

- Page 2, under Public Comment, John Pearson should be **Tom Pearson.**
- Page 7, 3rd paragraph, 5th sentence should read: **He met Mel Low and was surprised to find out that not only was he a farmer, but also a banker.**
- Page 10, 1st sentence, it should be noted that it's **Tom Pearson.**

Motion by Tom King to approve the July 24, 2023 meeting minutes as amended. Seconded by Bill Epperson. All in favor.

5. Non-Public Session, Monday, July 24, 2023 (1) per RSA 91-A:3 II (a) Personnel

Motion by Tom King to approve the minutes of the non-public session, 6:01 p.m., as written and sealed. Seconded by Bob McGrath. All in favor.

6. Non-Public Session, Monday, July 24, 2023 (2) per RSA 91-A:3 II (c) Reputation

Motion by Tom King to approve the minutes of the non-public session, 6:15 p.m., as written. Seconded by Bob McGrath. All in favor.

ADJOURNMENT

Motion by Tom King to adjourn at 9:35 p.m. Seconded by Bill Epperson. All in favor.

Respectfully Submitted,
Dyana F. Ledger

Grove Road Landfill
Rye, NH

Water Quality Monitoring
April through July, 2023

CMA Engineers, Inc.



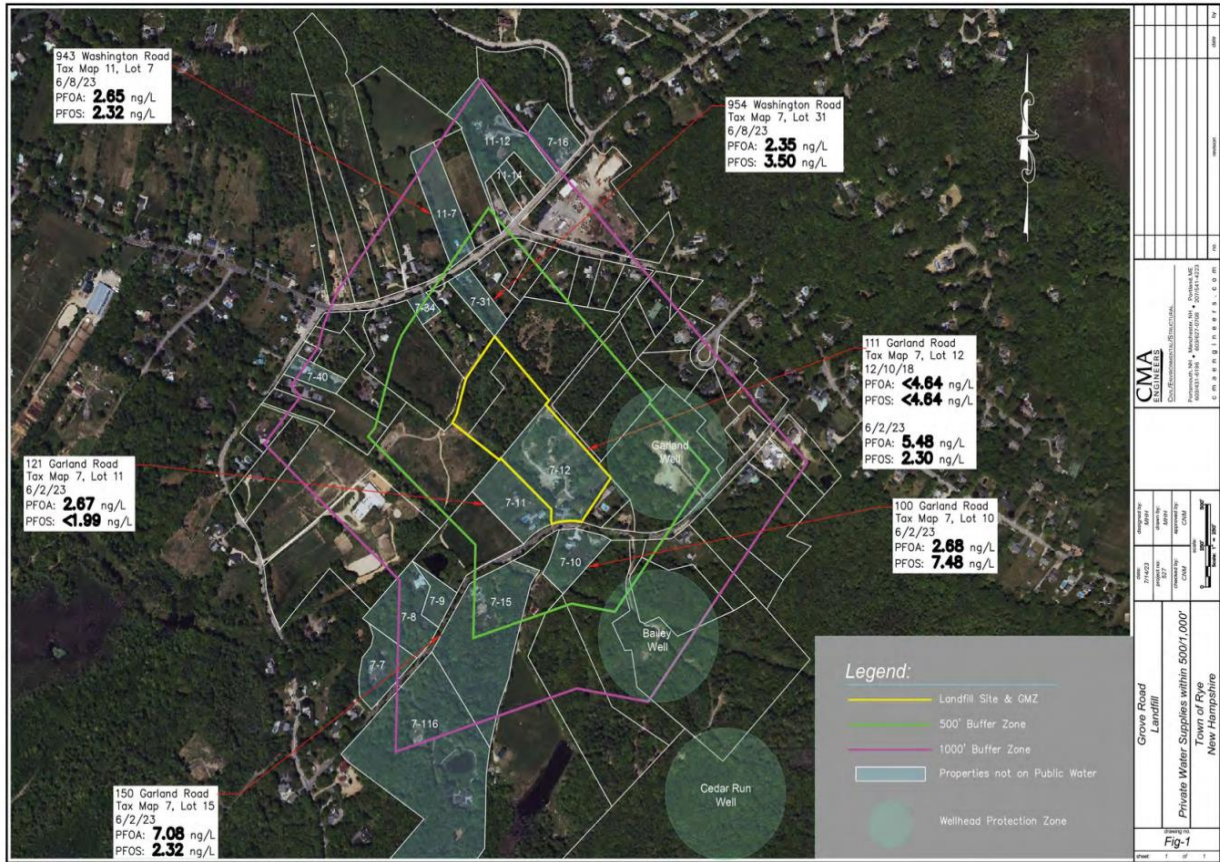
Scope of Investigations

- NHDES Directive – March, 2023 Letter
 - Sample Private Water Supplies within 500 Feet of Landfill and GMZ
 - Prepare Updated Site Hydrogeologic Model
 - Graph Pertinent Landfill Water Quality Results
 - Present, including in Graph Form, all Rye Water District water supply source PFAS data since 2017
 - Include items 3 and 4 above in future NHDES permit reports
- Board of Selectmen Request
 - July 17 Simultaneous Sampling with Rye Water District
 - Address, in conceptual fashion, on-site alternatives at the Grove Road Landfill that would reduce or eliminate source of PFAS contamination

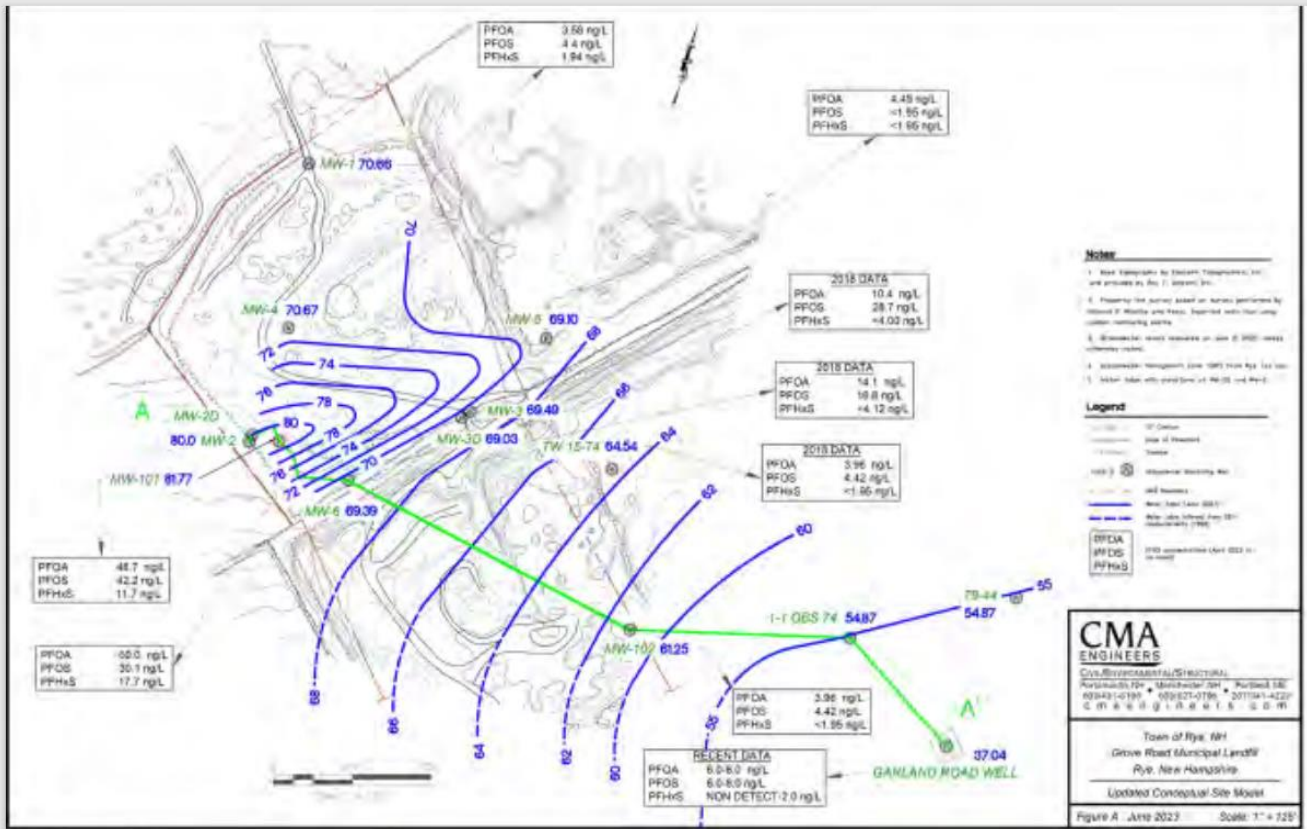
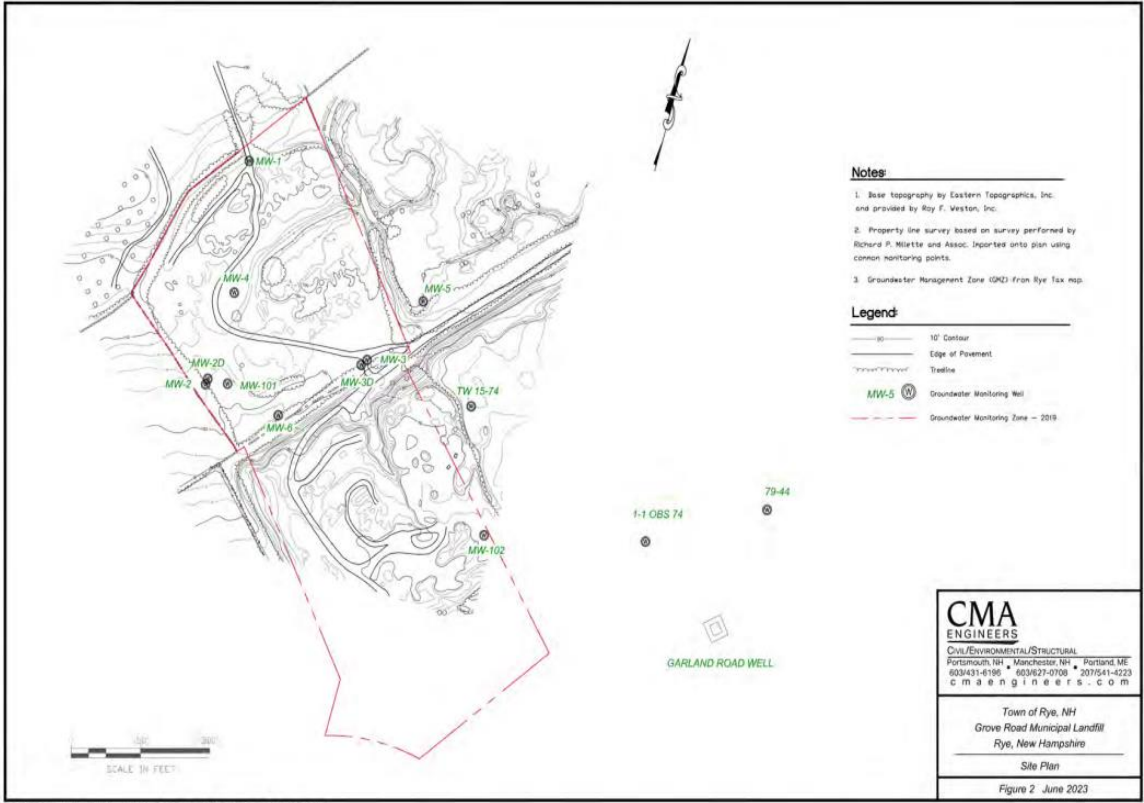


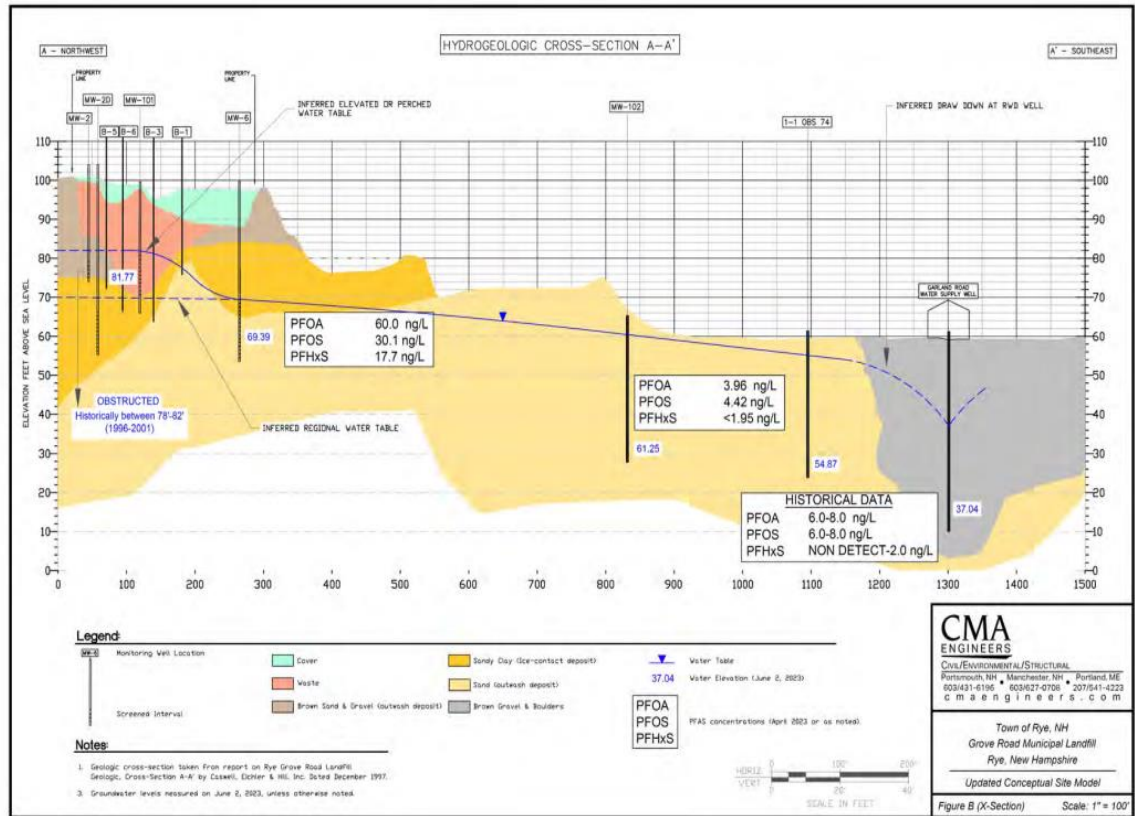
Sample Private Water
Supplies within 500 Feet of
Landfill and GMZ





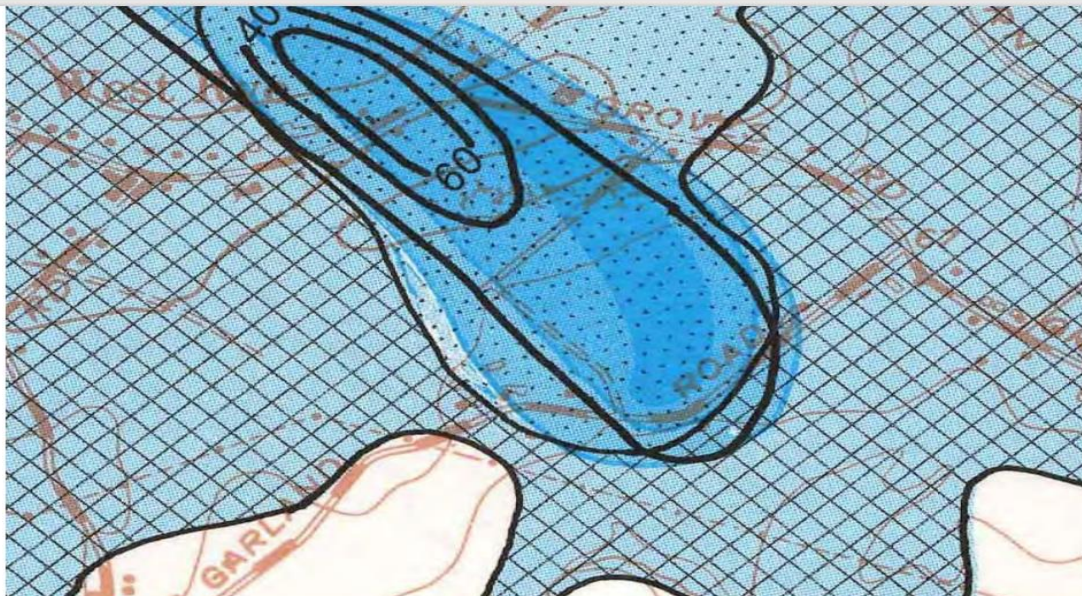
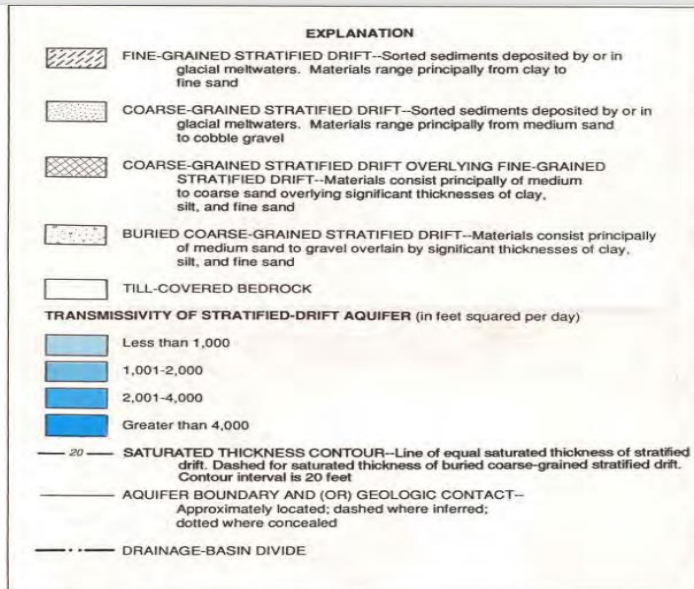
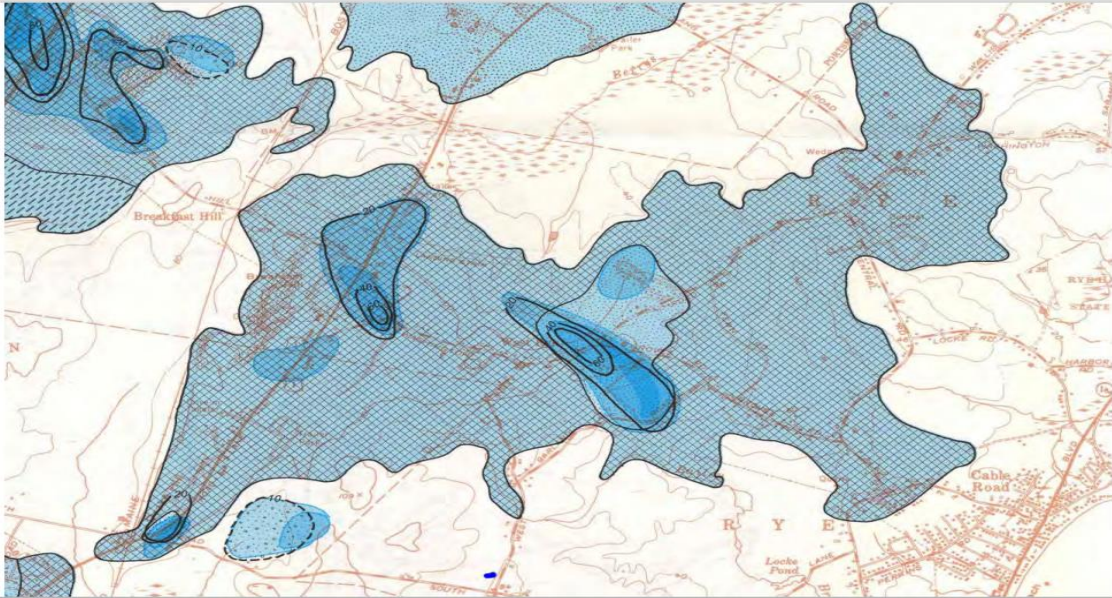
Prepare Updated Site
Hydrogeologic Model

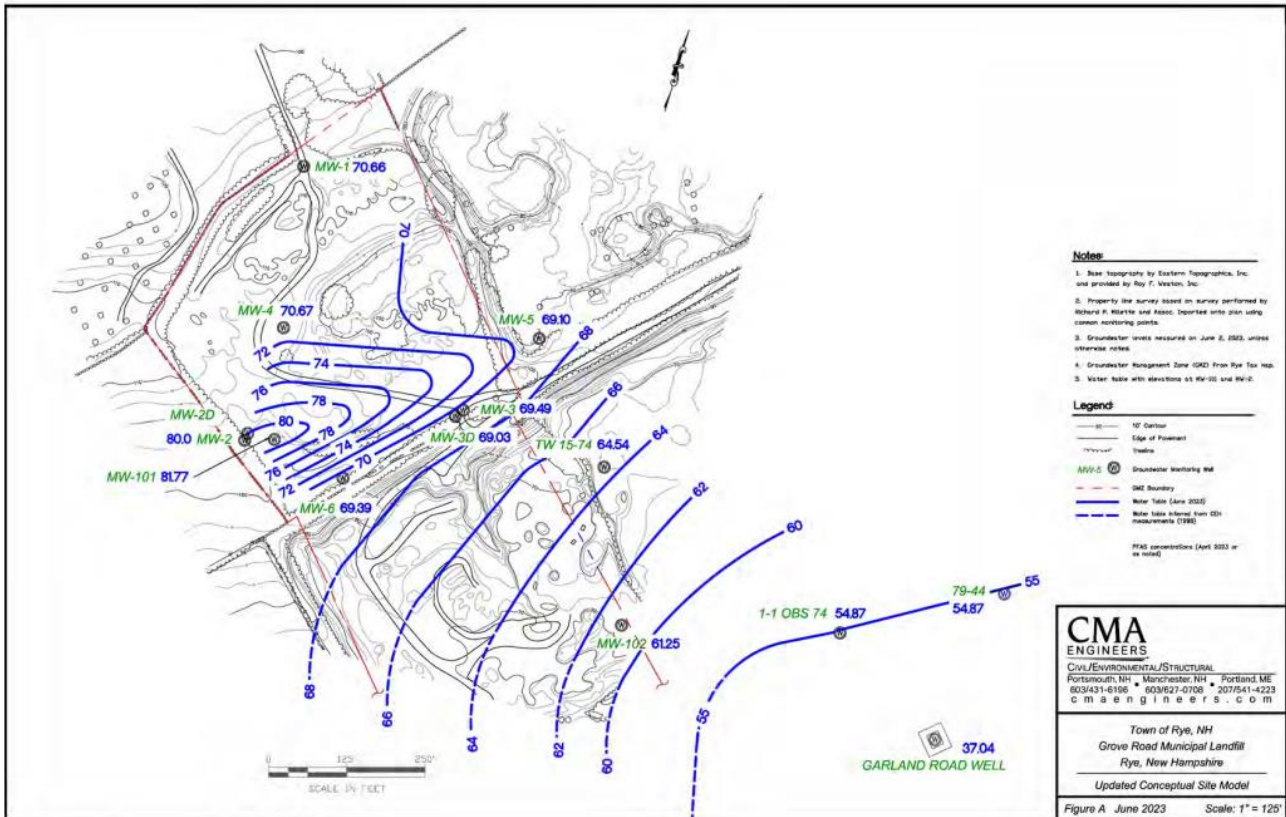
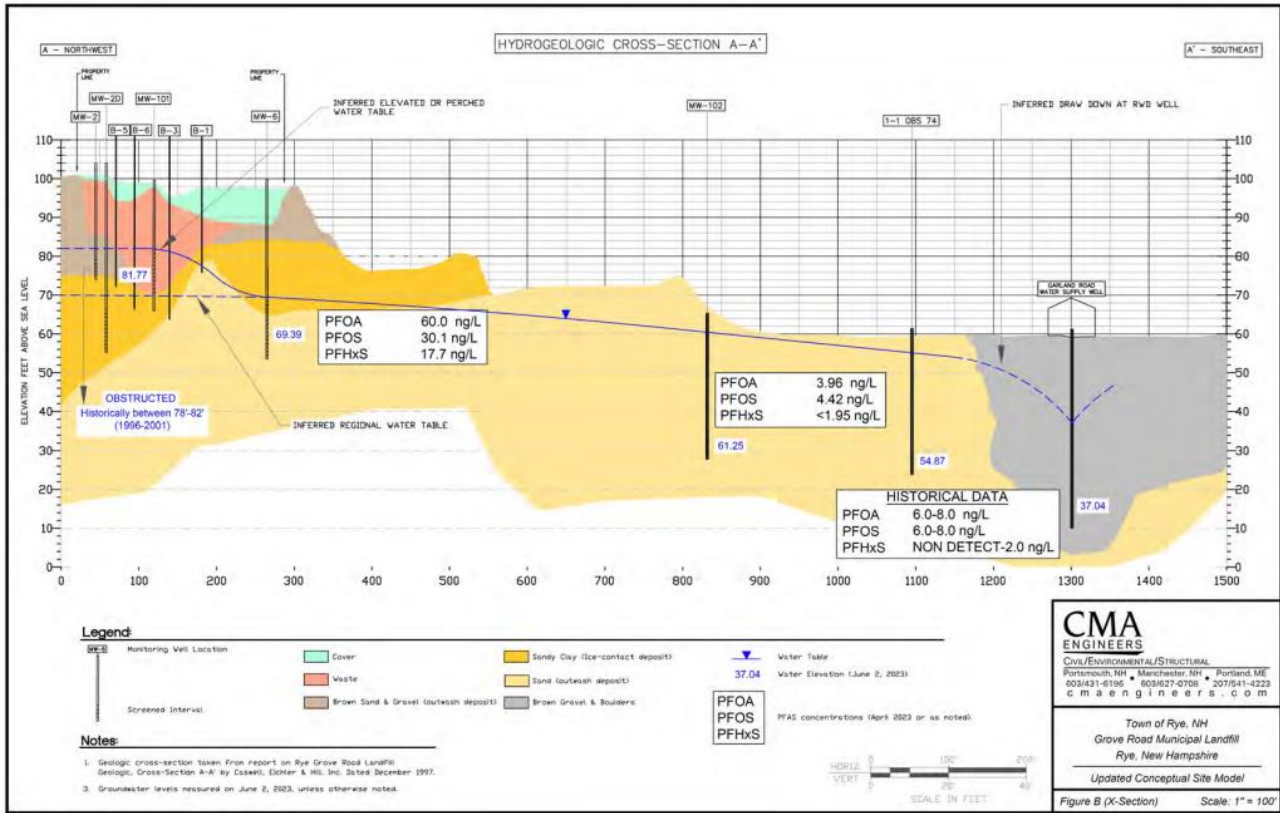


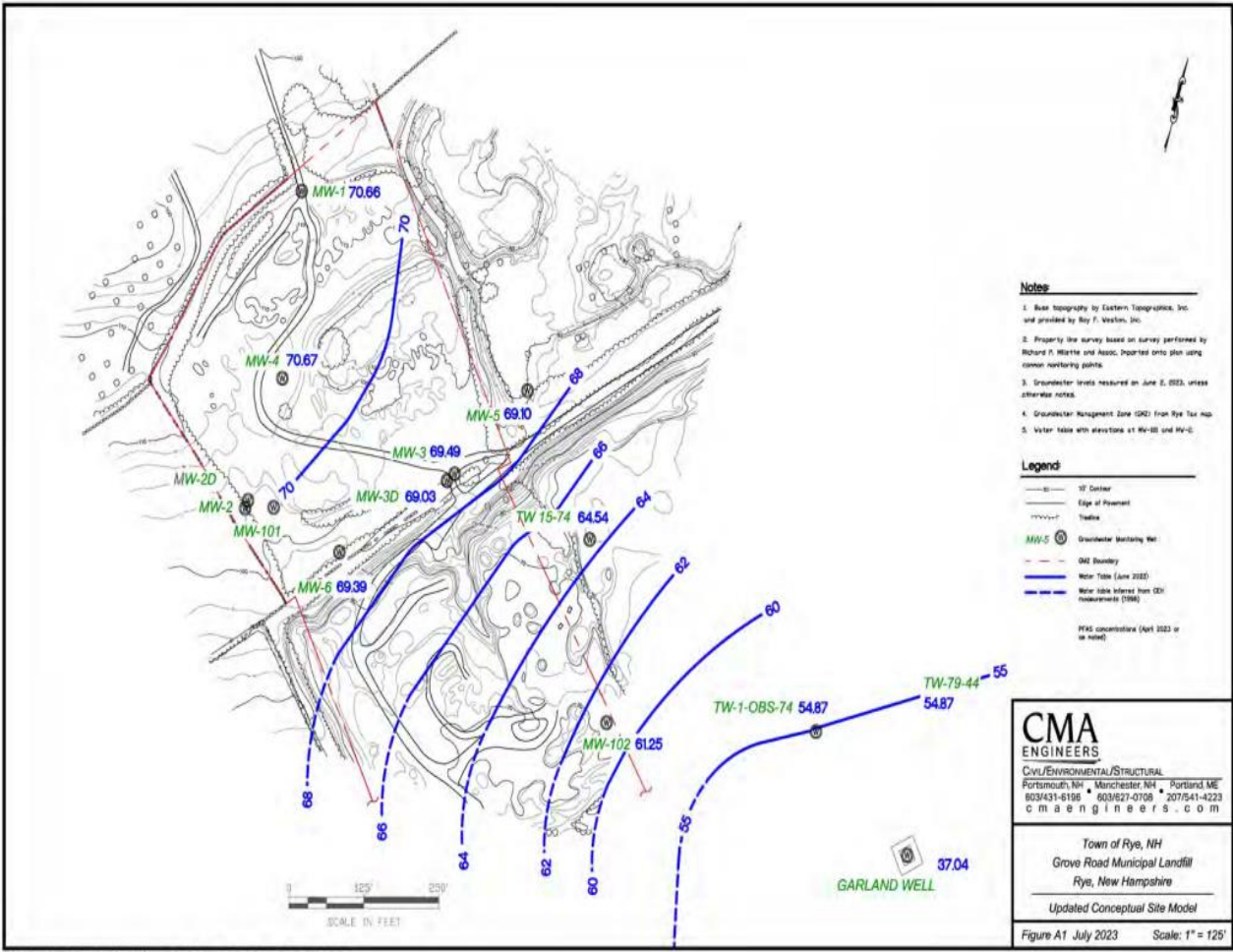


USGS Report 91-4025 Stekl and Flanagan

- “Geohydrology and Water Quality of Stratified-drift Aquifers in the Lower Merrimack River and Coastal River Basins, Southeastern, New Hampshire”

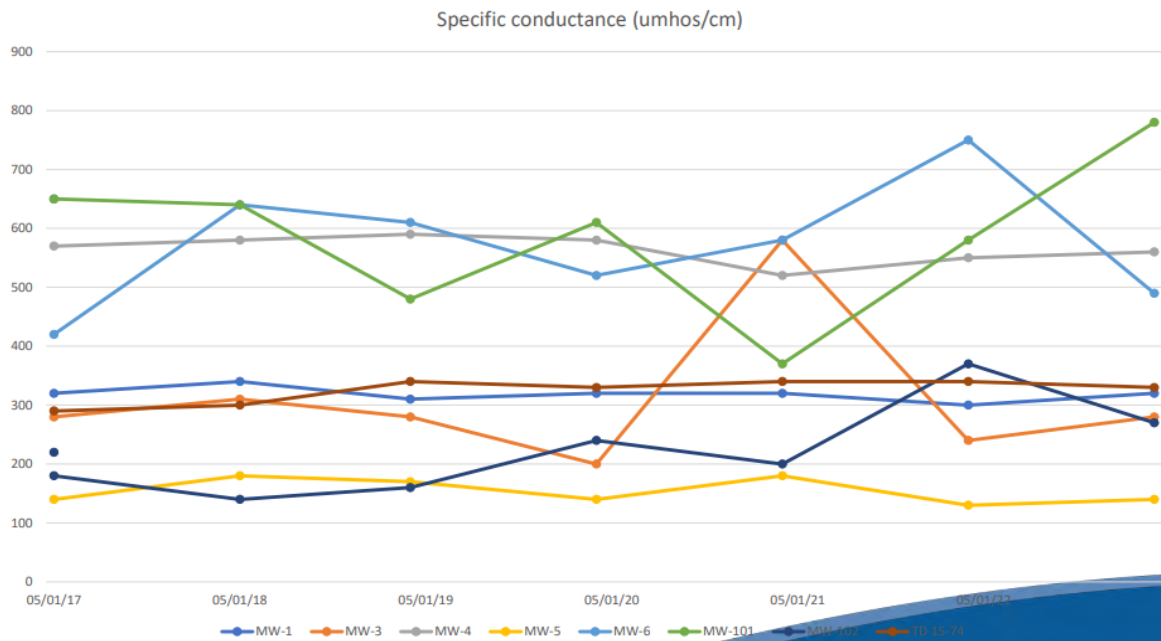






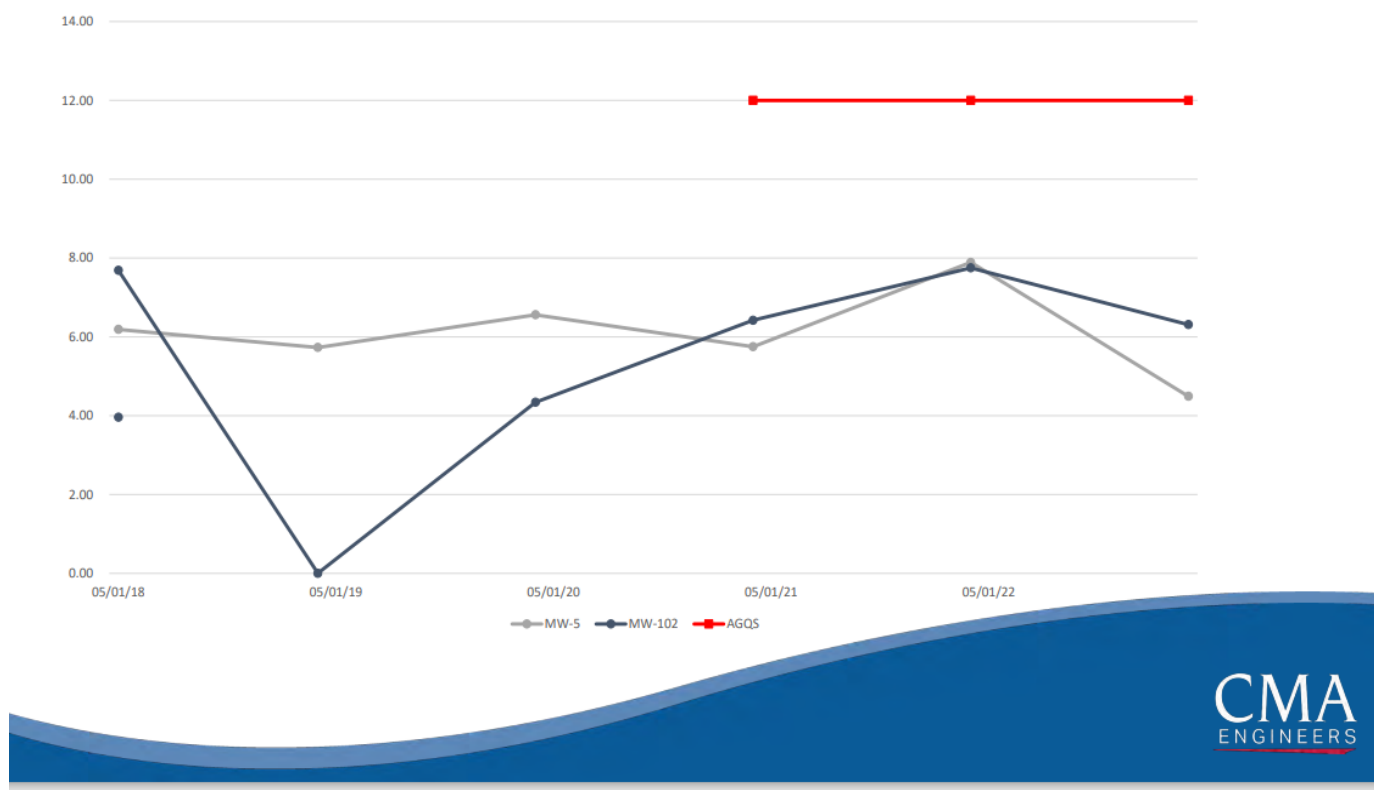
Graph On-Site Monitoring Wells

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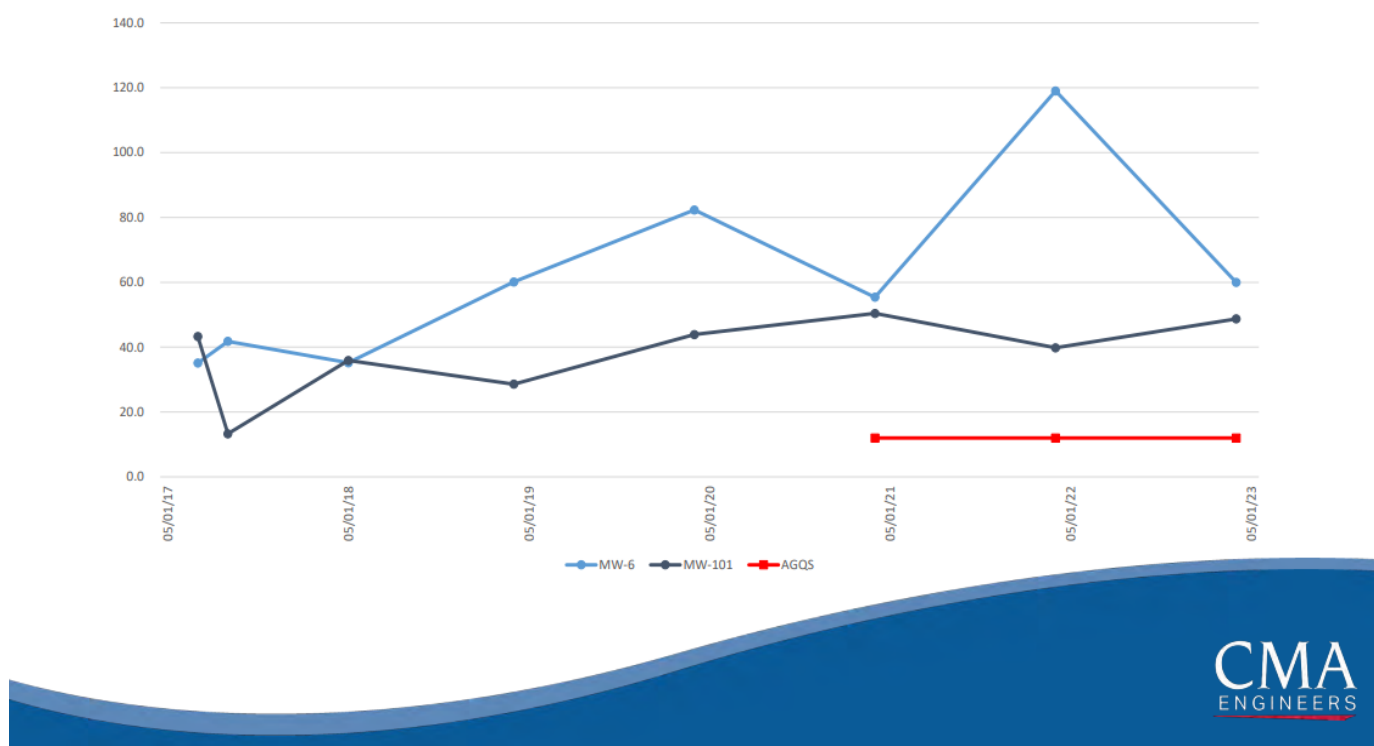


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PFOA at MW-5 & MW-102 (ng/L)



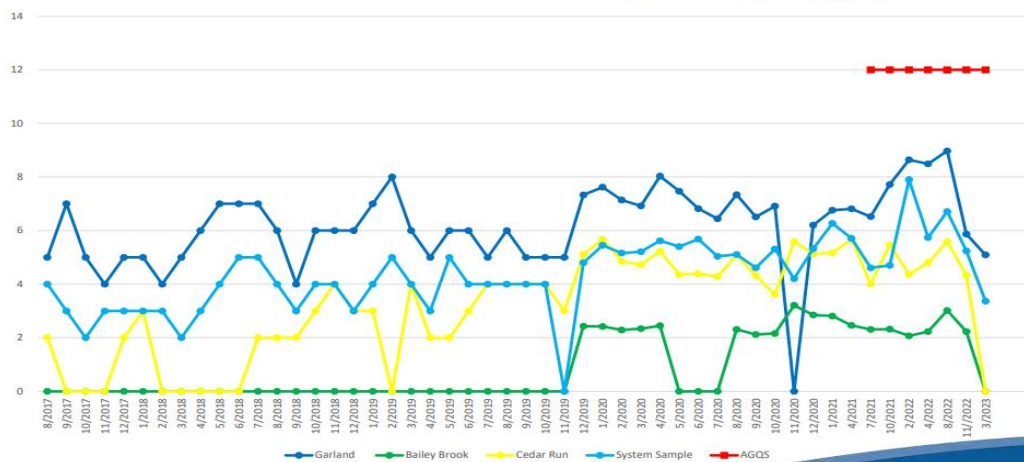
PFOA at MW-6 and MW-101 (ng/L)



Present, including in Graph Form, all Rye Water District water supply source PFAS data since 2017

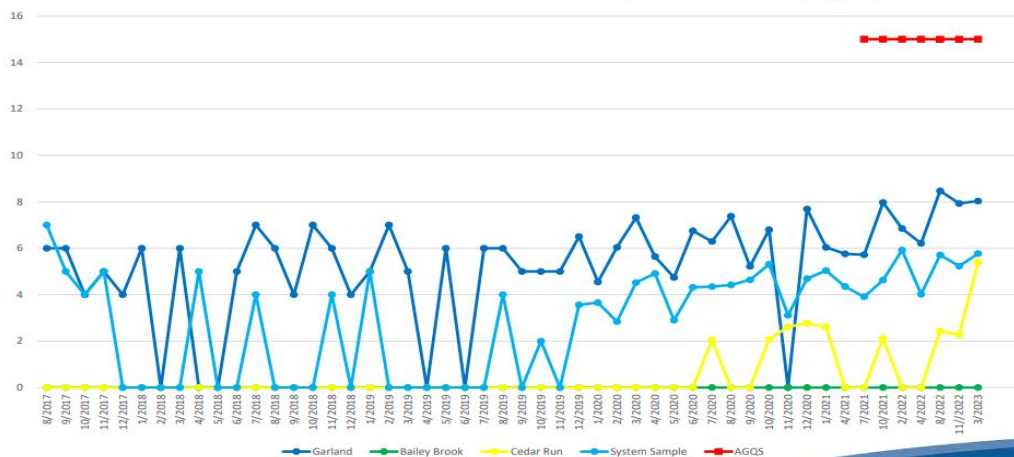
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PFOA in RWD Wells and Blended System Water (ng/L)



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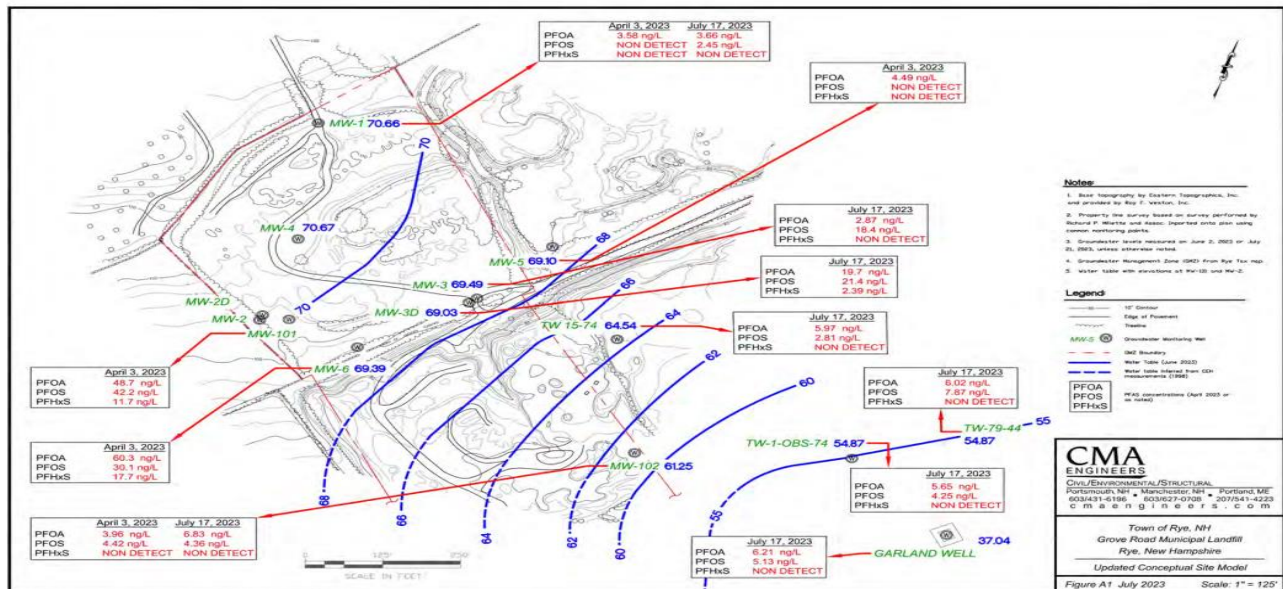
PFOS in RWD Wells and Blended System Water (ng/L)



CMA
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July 17 Simultaneous Sampling with Rye Water District

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Address, in conceptual fashion, on-site
alternatives at the Grove Road Landfill
that would reduce or eliminate source
of PFAS contamination

CMA
ENGINEERS



CMA ENGINEERS, INC.
CIVIL | ENVIRONMENTAL | STRUCTURAL

35 Bow Street
Portsmouth
New Hampshire
03801-3819

P: 603|431|6196
www.cmaengineers.com

August 11, 2023

Matt Scruton, Town Administrator
Town of Rye
10 Central Road
Rye, NH 03870

**RE: Grove Road Landfill
July 2023 Additional Groundwater Sampling Results Transmittal
GWP-198704080-R-005
CMA #527**

Dear Matt:

Please find enclosed the groundwater monitoring results from an additional water quality sampling event in July 2023 at the Grove Road Landfill in Rye, New Hampshire. On site wells MW-1, MW-3 and MW-3D off-site wells MW-102, TW-15-74, TW-1-1OBS-74 and TW-79-44 were sampled on July 17, 2023 by Eastern Analytical (EAI) of Concord, NH and analyzed by EAI and Enthalpy Analytical of El Dorado Hills, CA. Sampling was also conducted concurrently at the three Rye Water District (RWD) wells - Garland, Bailey and Cedar Run and at the distribution tap following mixing. RWD wells were sampled by Seacoast Analytical Services of Barrington, NH and analyzed for PFAS by Absolute Resource Associates of Portsmouth, NH. The second quarter water analysis of the RWD wells was completed in June by Seacoast Analytical Services. These results are attached also.

Grove Road Landfill Wells

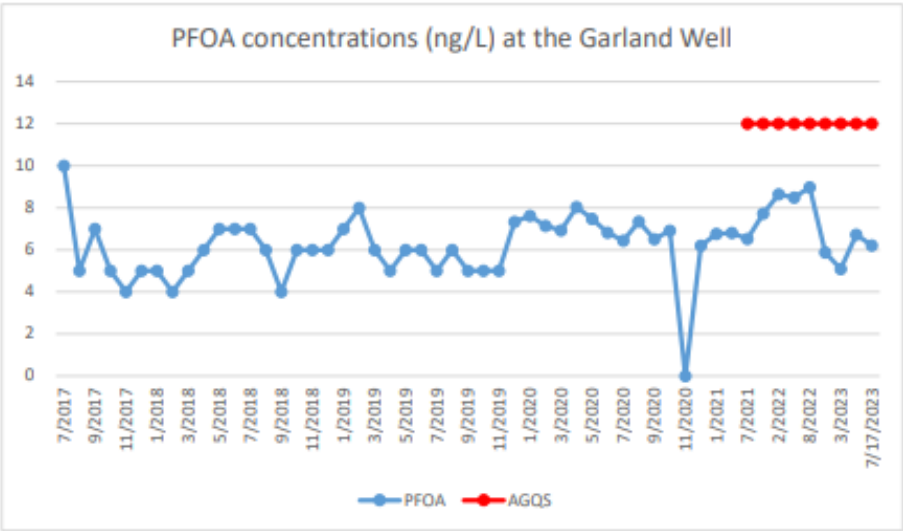
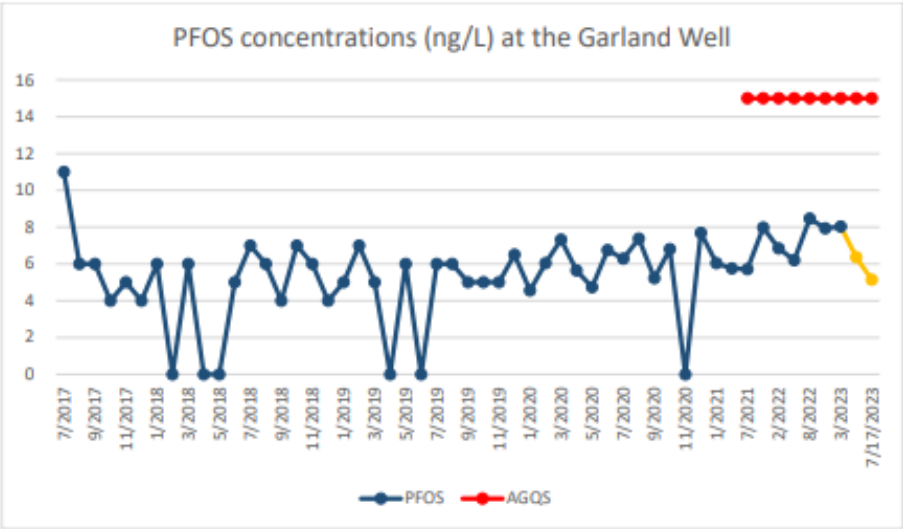
Water elevation measurements were taken and samples were analyzed for specific conductance, pH and per- and polyfluoroalkyl substances.

The concentrations and number of PFAS detected were consistent with previous sampling events at MW-1, MW-3 and MW-102. At TW-15-74, PFBS and PFOS were detected for the first time, but the detection limit has decreased from 4.74 to 2.12 ng/L since this location was last sampled in 2018. There were more PFAS detected at MW-3D, also because of the decreased detection limit since 2018. TW-1-OBS-74 was sampled for the first time and had low concentrations of PFOA and PFOS detected. TW-79-44 was also sampled for the first time and had low concentrations of multiple PFAS detected. PFOS exceeded the ambient groundwater quality standard of 15 ng/L at MW-3 (18.4 ng/L) and MW-3D (21.4 ng/L). Additionally, PFOA exceeded the AGQS of 12 ng/L at MW-3D (19.7 ng/L).

Matt Scruton
August 11, 2023
Page 2

RWD Wells

In June and July, PFOS and PFOA were detected at the Garland Well at concentrations similar to previous sampling events. The concentration of PFOS at the Garland Well decreased during both events deviating from its recent increasing trend. PFOA concentrations continue to fluctuate.



Matt Scruton
August 11, 2023
Page 2

In June and July, PFOA was detected at the Bailey Well at the lowest concentrations since sampling began. There were no PFAS detected at the Cedar Run Well in June, we note that the detection limit was 10 ng/L and detected concentrations of PFOS and PFOA (and PFHxS occasionally) are generally below that. PFOA was detected in July at a low concentration consistent with previous events.

Conclusions

Water quality results remain consistent with previous sampling events on-site and off-site and at the RWD wells.

We recommend by this correspondence that NHDES add MW-3D to the regular sampling program at the landfill, with annual analysis of inorganic and indicator compounds and PFAS.

We have attached the PFAS sampling summary tables for your information.

We have also attached a site plan with the most recent PFAS concentrations detected at on and off-site wells sampled under the groundwater permit, the newly sampled observation wells and the Garland well.

If you have any questions regarding these results, please don't hesitate to contact us.

Very truly yours,

CMA ENGINEERS, INC.



Jodie Bray Strickland, P.E.

Senior Project Engineer

Enclosures: Eastern Analytical Inc. Laboratory Report, 7/17/2023
Rye Water District Laboratory Data, 6/22/202 and 7/17/2023
Figure 1: Updated Conceptual Site Model July 2023

cc: NHDES, OneStop
Arik Jones, Rye Water District

GROVE ROAD LANDFILL
Rye, New Hampshire
Table 3 - Per- and Polyfluoroalkyl Substances
Groundwater Management Permit No. GWP-198704080-R-005

DATE	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorohexanoic acid (PFHxA)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	TOTAL (PFOA & PFOS)			
CAS #	375-22-4	2706-90-3	375-73-4	307-24-4	175-85-4	355-46-4	335-67-1	375-95-1	1703-29-7	-
Current NH AGQS	NS	NS	NS	NS	NS	18	12	11	15	*
MW-1										
05/24/17	<8.6	<4.3	<4.3	<4.3	<4.3	<4.3	4.5	<4.3	4.4	8.9
09/19/17	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	<4.37	ND
05/01/18	<4.01	<4.01	<4.01	<4.01	<4.01	<4.01	5.84	<4.01	<4.01	5.84
04/02/19	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	<4.25	ND
04/30/20	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	<4.29	ND
04/09/21	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	<4.23	*
04/19/22	<1.97	2.61	3.08	3.09	<1.97	<1.97	3.49	<1.97	2.52	*
04/03/23	<1.94	3.50	2.16	3.81	<1.94	<1.94	3.58	<1.94	<1.94	*
07/17/23	<2.05	3.76	4.10	4.05	<2.05	<2.05	3.66	<2.05	2.45	*
MW-3										
05/24/17	<8.9	<4.5	<4.5	<4.5	<4.5	<4.5	6.1	<4.5	8.9	15.0
09/19/17	<4.55	<4.55	<4.55	<4.55	<4.55	<4.55	35.3	<4.55	30.6	65.9
05/01/18	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	10.4	<4.00	28.7	39.1
07/17/23	<2.17	<2.17	<2.17	<2.17	<2.17	<2.17	2.87	<2.17	18.4	*
MW-3D										
05/01/18	<4.12	<4.12	<4.12	<4.12	<4.12	<4.12	14.1	<4.12	16.8	30.9
07/17/23	<2.12	2.43	2.76	2.63	3.00	2.39	19.7	<2.12	21.4	*
MW-5										
05/01/18	<4.13	<4.13	<4.13	<4.13	<4.13	<4.13	6.19	<4.13	<4.13	6.19
04/02/19	<4.26	<4.26	<4.26	<4.26	<4.26	<4.26	5.73	<4.26	<4.26	5.73
04/30/20	<4.13	<4.13	<4.13	<4.13	<4.13	<4.13	6.56	<4.13	<4.13	6.56
04/09/21	<4.10	<4.10	<4.10	<4.10	<4.10	<4.10	5.75	<4.10	<4.10	*
04/19/22	<1.97	<1.97	<1.97	<1.97	<1.97	<1.97	7.89	<1.97	<1.97	*
04/03/23	<1.95	<1.95	<1.95	<1.95	<1.95	<1.95	4.49	<1.95	<1.95	*
MW-6										
05/24/17	11	7.9	5.6	17	13	25	41	<4.5	110	151
07/11/17	5.24	6.19	<4.11	7.42	9.16	18.8	35.1	<4.11	53.5	88.6
09/19/17	5.57	7.59	<4.28	11.0	10.2	20.1	41.8	<4.28	53.6	95.4
05/01/18	<4.10	6.94	4.98	8.93	7.97	15.5	35.2	<4.10	44.7	79.9
12/10/18	<4.48	4.66	<4.48	8.21	8.10	15.1	36.8	<4.48	36.7	73.5
04/02/19	7.5	11.1	6.43	16.4	14.2	24.2	60.1	<4.24	58.2	118.3
04/30/20	8.03	14.4	5.39	19.7	18.9	28.1	82.3	<4.24	84.9	167.2
04/09/21	4.62	9.37	4.93	10.2	11.1	24.4	55.4	<4.27	46.5	*
04/19/22	5.18	5.93	5.63	10.0	10.5	33.0	119	<1.93	96.6	*
04/03/23	4.41	5.36	4.35	7.0	7.2	17.7	60	<1.94	30.1	*

GROVE ROAD LANDFILL
Rye, New Hampshire
Table 3 - Per- and Polyfluoroalkyl Substances
Groundwater Management Permit No. GWP-198704080-R-005

DATE	Perfluorobutanoic acid (PFBA)	Perfluoropentanoic acid (PFPeA)	Perfluorobutane sulfonic acid (PFBS)	Perfluorohexanoic acid (PFHxA)	Perfluorooctanoic acid (PFHpA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorooctanoic acid (PFOA)	Perfluorononanoic acid (PFNA)	Perfluorooctane sulfonic acid (PFOS)	TOTAL (PFOA & PFOS)
CAS #	375-22-4	2706-90-3	375-73-5	307-24-4	375-85-5	355-46-4	335-67-1	375-95-1	1763-23-1	-
Current NH AGQS	NS	NS	NS	NS	NS	18	12	11	15	*
MW-101										
07/11/17	<4.52	<4.52	<4.52	5.81	5.75	10.8	43.3	<4.52	60.5	104
09/19/17	<4.36	<4.36	<4.36	<4.36	<4.36	<4.36	13.3	<4.36	43.8	57.1
05/01/18	7.18	5.92	4.33	10.4	7.84	10.4	35.9	<4.28	57.4	93.3
04/02/19	<4.49	<4.49	<4.49	4.75	5.64	5.66	28.6	<4.49	51.7	80
04/30/20	6.94	8.16	5.99	11.50	7.79	11.00	43.9	<4.25	50.6	95
04/09/21	6.93	10.1	4.87	14.2	10.8	15.8	50.4	<4.20	40.8	*
04/19/22	4.60	5.30	3.15	7.67	7.05	9.95	39.8	<2.01	51.0	*
04/03/23	5.77	10.7	4.21	13.6	11.4	11.7	48.7	<1.96	42.2	*
MW-102										
07/11/17	<4.08	<4.08	<4.08	<4.08	<4.08	<4.08	4.70	<4.08	<4.08	4.70
09/19/17	<4.56	5.43	<4.56	<4.56	<4.56	<4.56	7.93	<4.56	<4.56	7.93
05/01/18	<4.22	<4.22	<4.22	<4.22	<4.22	<4.22	7.69	<4.22	<4.22	7.69
12/10/18	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	<4.43	ND
04/02/19	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	4.34	<4.28	<4.28	4.34
04/30/20	<4.28	<4.28	<4.28	<4.28	<4.28	<4.28	6.42	<4.28	<4.28	6.42
04/09/21	<4.18	<4.18	<4.18	<4.18	<4.18	<4.18	7.75	<4.18	<4.18	*
04/19/22	<2.00	<2.00	2.62	2.06	<2.00	<2.00	6.31	<2.00	4.04	*
04/03/23	2.52	<1.95	2.02	<1.95	<1.95	<1.95	3.96	<1.95	4.42	*
07/17/23	2.71	<2.21	3.18	<2.21	<2.21	<2.21	6.83	<2.21	4.36	*
TW-15-74										
07/11/17	<4.15	<4.15	<4.15	<4.15	<4.15	<4.15	4.32	<4.15	<4.15	4.32
09/19/17	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31	<4.31	ND
05/01/18	<4.74	<4.74	<4.74	<4.74	<4.74	<4.74	4.87	<4.74	<4.74	4.87
07/17/23	<2.12	<2.12	3.16	<2.12	<2.12	<2.12	5.97	<2.12	2.81	*
TW-1-OBS-74										
07/17/23	<2.23	<2.23	<2.23	<2.23	<2.23	<2.23	5.65	<2.23	4.25	*
TW-79-44										
07/17/23	2.61	2.59	3.07	2.710	<2.14	<2.14	6.02	<2.14	7.87	*

NOTE:

AGQS - Ambient Groundwater Quality Standard (AGQS)

ND - Not detected

BOLD - detected

NS - No standard

 - AGQS exceedance

* No longer regulated

Grove Road Landfill
5 - Per- and Polyfluoroalkyl Substances in Rye District Water Supply

DATE	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoronanoic acid (PFNA)
CAS #	1763-23-1	335-67-1	355-46-4	375-95-1
NHDES MCL/AGQS	15	12	18	11
Garland Well				
4/2016	6	6	<3	<2
1/2017	7.8	7.8	<3	
1/2017	6.9(DUP)	7.1(DUP)	<3	<2
7/2017	11	10	5	<2
8/2017	6	5	3	<2
9/2017	6	7	3	<2
10/2017	4	5	<3	<2
11/2017	5	4	<3	<2
12/2017	4	5	<3	<2
1/2018	6	5	<3	<2
2/2018	<4	4	<3	<2
3/2018	6	5	<3	<2
4/2018	<4	6	<3	<2
5/2018	<4	7	<3	<2
6/2018	5	7	<3	<2
7/2018	7	7	<3	<2
8/2018	6	6	<3	<2
9/2018	4	4	<3	<2
10/2018	7	6	<3	<2
11/2018	6	6	<3	<2
12/2018	4	6	<3	<2
1/2019	5	7	<3	<2
2/2019	7	8	<3	<2
3/2019	5	6	<3	<2
4/2019	<4	5	<3	<2
5/2019	6	6	<3	<2
6/2019	<4	6	<3	<2
7/2019	6	5	<3	<2
8/2019	6	6	<3	<2
9/2019	5	5	<2	<2
10/2019	5	5	<2	<2
11/2019	5	5	<2	<2
12/2019	6.50	7.33	<2	<2
1/2020	4.55	7.62	<2	<2
2/2020	6.04	7.14	<2	<2
3/2020	7.32	6.92	<2	<2
4/2020	5.64	8.03	<2	<2
5/2020	4.74	7.47	<2	<2
6/2020	6.75	6.82	<2	<2
7/2020	6.29	6.44	<2	<2
8/2020	7.38	7.34	<2	<2
9/2020	5.22	6.51	2.12	<2
10/2020	6.80	6.91	<2	<2
11/2020	<2	<2	<2	<2
12/2020	7.69	6.20	<2	<2
1/2021	6.04	6.76	<2	<2
4/2021	5.76	6.81	<2	<2

Grove Road Landfill

5 - Per- and Polyfluoroalkyl Substances in Rye District Water Supply

DATE	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoronanoic acid (PFNA)
CAS #	1763-23-1	335-67-1	355-46-4	375-95-1
NHDES MCL/AGQS	15	12	18	11
7/2021	5.72	6.52	<2	<2
10/2021	7.97	7.72	<2	<2
2/2022	6.85	8.64	<2	<2
4/2022	6.21	8.49	<2	<2
8/2022	8.47	8.97	2.09	<2
11/2022	7.93	5.87	<2	<2
3/2023	8.03	5.09	<2	<2
6/2023	6.36	6.72	<1.64	<1.64
7/17/2023	5.13	6.21	1.17 J	1.59 U
Bailey Well				
4/2016	<4	<2	<3	<2
1/2017	<4	2.5	<3	<2
7/2017	<4	<2	<3	<2
8/2017	<4	<2	<3	<2
9/2017	<4	<2	<3	<2
10/2017	<4	<2	<3	<2
11/2017	<4	<2	<3	<2
12/2017	<4	<2	<3	<2
1/2018	<4	<2	<3	<2
2/2018	<4	<2	<3	<2
3/2018	<4	<2	<3	<2
4/2018	<4	<2	<3	<2
5/2018	<4	<2	<3	<2
6/2018	<4	<2	<3	<2
7/2018	<4	<2	<3	<2
8/2018	<4	<2	<3	<2
9/2018	<4	<2	<3	<2
10/2018	<4	<2	<3	<2
11/2018	<4	<2	<3	<2
12/2018	<4	<2	<3	<2
1/2019	<4	<2	<3	<2
2/2019	<4	<2	<3	<2
3/2019	<4	<2	<3	<2
4/2019	<4	<2	<3	<2
5/2019	<4	<2	<3	<2
6/2019	<4	<2	<3	<2
7/2019	<4	<2	<3	<2
8/2019	<4	<2	<3	<2
9/2019	<2	<2	<2	<2
10/2019	<2	<2	<2	<2
11/2019	<2	<2	<2	<2
12/2019	<2	2.43	<2	<2
1/2020	<2	2.42	<2	<2
2/2020	<2	2.29	<2	<2
3/2020	<2	2.34	<2	<2
4/2020	<2	2.45	<2	<2
5/2020	<2	<2	<2	<2
6/2020	<2	<2	<2	<2

Grove Road Landfill
5 - Per- and Polyfluoroalkyl Substances in Rye District Water Supply

DATE	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoronanoic acid (PFNA)
CAS #	1763-23-1	335-67-1	355-46-4	375-95-1
NHDES MCL/AGQS	15	12	18	11
7/2020	<2	<2	<2	<2
8/2020	<2	2.31	<2	<2
9/2020	<2	2.12	<2	<2
10/2020	<2	2.16	<2	<2
11/2020	<2	3.21	<2	<2
12/2020	<2	2.85	<2	<2
1/2021	<2	2.81	<2	<2
4/2021	<2	2.46	<2	<2
7/2021	<2	2.31	<2	<2
10/2021	<2	2.32	<2	<2
2/2022	<2	2.07	<2	<2
4/2022	<2	2.23	<2	<2
8/2022	<2	3.02	<2	<2
11/2022	<2	2.23	<2	<2
3/2023	<2	<2	<2	<2
6/2023	<1.64	1.90	<1.64	<1.64
7/17/2023	0.780 J	1.80	0.589 J	1.62 J
Cedar Run Well				
4/2016	<4	2	<3	<2
1/2017	<4	3	<3	<2
7/2017	<4	<2	3	<2
8/2017	<4	2	<3	<2
9/2017	<4	<2	<3	<2
10/2017	<4	<2	<3	<2
11/2017	<4	<2	<3	<2
12/2017	<4	2	<3	<2
1/2018	<4	3	<3	<2
2/2018	<4	<2	<3	<2
3/2018	<4	<2	<3	<2
4/2018	<4	<2	<3	<2
5/2018	<4	<2	<3	<2
6/2018	<4	<2	<3	<2
7/2018	<4	2	<3	<2
8/2018	<4	2	<3	<2
9/2018	<4	2	<3	<2
10/2018	<4	3	<3	<2
11/2018	<4	4	<3	<2
12/2018	<4	3	<3	<2
1/2019	<4	3	<3	<2
2/2019	<4	<2	<3	<2
3/2019	<4	4	<3	<2
4/2019	<4	2	<3	<2
5/2019	<4	2	<3	<2
6/2019	<4	3	<3	<2
7/2019	<4	4	<3	<2
8/2019	<4	4	<3	<2
9/2019	<2	4	<2	<2
10/2019	<2	4	<2	<2

Grove Road Landfill

5 - Per- and Polyfluoroalkyl Substances in Rye District Water Supply

DATE	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluoronanoic acid (PFNA)
CAS #	1763-23-1	335-67-1	355-46-4	375-95-1
NHDES MCL/AGQS	15	12	18	11
11/2019	<2	3	<2	<2
12/2019	<2	5.11	<2	<2
1/2020	<2	5.67	<2	<2
2/2020	<2	4.85	<2	<2
3/2020	<2	4.72	<2	<2
4/2020	<2	5.23	<2	<2
5/2020	<2	4.36	<2	<2
6/2020	<2	4.39	<2	<2
7/2020	2.06	4.28	2.06	<2
8/2020	<2	5.09	<2	<2
9/2020	<2	4.32	<2	<2
10/2020	2.07	3.61	2.07	<2
11/2020	2.62	5.59	<2	<2
12/2020	2.77	5.13	2.04	<2
1/2021	2.62	5.17	3.04	<2
4/2021	<2	5.68	<2	<2
7/2021	<2	4.00	<2	<2
10/2021	2.12	5.47	2.26	<2
2/2022	<2	4.37	<2	<2
4/2022	<2	4.80	<2	<2
8/2022	2.43	5.59	<2	<2
11/2022	2.27	4.33	<2	<2
3/2023	5.40	<2	<2	<2
6/2023	<10	<10	<10	<10
7/17/2023	1.25 J	3.63	1.08 J	1.59 U
System Sample (Taken at Washington Road Storage Tanks)				
8/2017	7	4	<3	<2
9/2017	5	3	<3	<2
10/2017	4	2	<3	3
11/2017	5	3	<3	<2
12/2017	<4	3	<3	<2
1/2018	<4	3	<3	<2
2/2018	<4	3	<3	<2
3/2018	<4	2	<3	<2
4/2018	5	3	<3	<2
5/2018	<4	4	<3	<2
6/2018	<4	5	<3	<2
7/2018	4	5	<3	<2
8/2018	<4	4	<3	<2
9/2018	<4	3	<3	<2
10/2018	<4	4	<3	<2
11/2018	4	4	<3	<2
12/2018	<4	3	<3	<2
1/2019	5	4	<3	<2
2/2019	<4	5	<3	<2
3/2019	<4	4	<3	<2
4/2019	<4	3	<3	<2
5/2019	<4	5	<3	<2

Grove Road Landfill

5 - Per- and Polyfluoroalkyl Substances in Rye District Water Supply

DATE	Perfluorooctane sulfonic acid (PFOS)	Perfluorooctanoic acid (PFOA)	Perfluorohexane sulfonic acid (PFHxS)	Perfluorononanoic acid (PFNA)
CAS #	1763-23-1	335-67-1	355-46-4	375-95-1
NHDES MCL/AGQS	15	12	18	11
6/2019	<4	4	<3	<2
7/2019	<4	4	<3	<2
8/2019	4	4	<3	<2
9/2019	<2	4	<2	<2
10/2019	2	4	<2	<2
11/2019	<2	<2	<2	<2
12/2019	3.56	4.80	<2	<2
1/2020	3.66	5.45	<2	<2
2/2020	2.84	5.16	<2	<2
3/2020	4.52	5.21	<2	<2
4/2020	4.91	5.62	<2	<2
5/2020	2.90	5.40	<2	<2
6/2020	4.32	5.68	<2	<2
7/2020	4.35	5.04	<2	<2
8/2020	4.42	5.11	<2	<2
9/2020	4.64	4.61	<2	<2
10/2020	5.31	5.31	<2	<2
11/2020	3.12	4.20	<2	<2
12/2020	4.69	5.32	<2	<2
1/2021	5.04	6.27	<2	<2
4/2021	4.35	5.71	<2	<2
7/2021	3.91	4.61	<2	<2
10/2021	4.63	4.70	<2	<2
2/2022	5.92	7.90	<2	<2
4/2022	4.02	5.74	<2	<2
8/2022	5.71	6.71	<2	<2
9/2022	4.12	5.29	<2	<2
11/2022	5.23	5.24	<2	<2
3/2023	5.77	3.37	<2	<2
7/17/2023	3.99	4.36	1.04 J	1.68 U

U = This compound was analyzed for, but not detected above the associated method detection limit.

J = The analytical result was below the instrument calibration range, but above the method detection limit. The reported concentration is an