



City of Bristol
Aquifer Protection Agency

SPECIAL MEETING - MONDAY, APRIL 8, 2024
6:30 P.M. - CITY HALL COUNCIL CHAMBERS
111 NORTH MAIN STREET, BRISTOL

INFORMATION FOR THE PUBLIC TO ACCESS THIS MEETING: Zoom

Meeting link:

<https://bristolct-gov.zoom.us/j/87129623389?pwd=r1aDwM75rA2PLb84Y8OTniv5niWTWU.1>

Meeting ID:

871 2962 3389

Meeting Passcode:

123456

Join by phone

1-929-205-6099

AGENDA

1. Call to Order
2. Approval of Minutes
 - a. Special Meeting - February 12, 2024
3. Registration Renewals
 - a. Application #APA3-2024-02 – Renewal of registration for regulated uses for Sunoco Gas Station/Mini-Mart at 510 Farmington Avenue; Assessor's Map 37, Lot 140; Rashid Sherwani, My Storz, LLC, applicant.
4. Staff-Approved Determinations
 - a. App. 2024-01 – 454 Farmington Avenue; Assessor's Map 37, Lot 79.
 - b. App. 2024-02 – 621 Jerome Avenue; Assessor's Map 56, Lot 39.
5. Adjournment

**BRISTOL AQUIFER PROTECTION AGENCY
MINUTES
SPECIAL MEETING OF MONDAY FEBRUARY 12, 2024**

1. Call To Order:

By: David White, Chairman

Time: 6:45 P.M.

Place: Bristol City Hall
111 North Main St.
Council Chambers
First Floor

MEMBERS	NAME	PRESENT	ABSENT
REGULAR AGENCY MEMBERS:	David White (Chairman)	X	
	Thomas Marra (Vice Chairman)	X	
	Richard Goodwin (Secretary)	X	
	Richard Harlow	X	
	John LaFreniere	X	
ALTERNATE AGENCY MEMBERS:	Michael DeRoehn	X	
	Sara Mangiafico	X	
	Peter Caruso	X	
STAFF:	Robert M. Flanagan, AICP, City Planner	X	

Chairman White called the meeting to order at 6:45 P.M.

2. Approval of Minutes
a. January 22, 2024

Chairman White designated regular Agency Members Marra, Goodwin, Harlow, LaFreniere and White to vote on the January 22, 2024, special meeting minutes.

MOTION: Move to approve the minutes of the January 22, 2024, special meeting.

By: Marra

Seconded: Harlow.

For: Marra, Goodwin, Harlow, LaFreniere and White.

Against: None.

Abstained: None.

3. Receipt of New Applications

- a. Application #APA3-2401-01 – Request for renewal of registration of Monro Muffler/Brake & Service Center; 656 Farmington Avenue; Assessor's Map 48, Lot 34; Gregory Peterson for Monro Muffler/Brake & Service Center, registrant.

Chairman White designated regular Agency Members Marra, Goodwin, Harlow, LaFreniere and White to vote on Application #APA3-2401-01.

The Agency acknowledged receipt of the following items in their electronic packets: a map entitled "*Attachment A, Facility Boundary Map, Monro Muffler/Brake & Service Center/ Gregory Peterson, registrant, 656 Farmington Avenue, Bristol, CT;*" a plan entitled "*Materials Management Plan, Monro Muffler/Brake & Service Center/ Gregory Peterson, registrant,*" and a map entitled "*Monro 92, Bristol, CT, Prepared for Monro, Inc., Rochester, NY, Prepared by Sentinel Technologies, Inc. dated December 14, 2023; Last Revised dated of December 22, 2023.*"

Staff explained this was the third renewal for Monro Muffler/Brake & Service Center at this location and the renewal would be valid for five years until 2029. He explained Andrew Armstrong, Assistant City Planner, had found the application complete and the application may be accepted this evening.

The use of the property would remain the same with the dispensing of oil, vehicle repairs and vehicle maintenance. Staff recommended the application be extended from February 12, 2024, to February 12, 2029, for five years.

Staff reviewed the documents for the application, which included a certified employee training form.

MOTION: move that the Bristol Aquifer Protection Agency accept the renewal of the registration for the following facility in the "Upper White's Bridge/Lower White's Bridge/Mix Street" Aquifer Protection Area as complete, in accordance with Section 8 of the City of Bristol's Aquifer Protection Area Regulations:

1. Monro Muffler/Brake & Service Center; 656 Farmington Avenue; Assessor's Map 48, Lot 34.

By: Marra

Seconded: Harlow.

For: Marra, Goodwin, Harlow, LaFreniere and White.

Against: None.

Abstained: None.

The application was approved.

4. Old Business
There was no old business.
5. New Business
There was no new business.
6. Staff Reports
There were no staff reports.
7. Adjournment

Chairman White designated regular Agency Members Marra, Goodwin, Harlow, LaFreniere and White to vote on the adjournment.

MOTION: Move to adjourn at 6:56 P.M.

By: Harlow

Seconded: Marra.

For: Marra, Goodwin, Harlow, LaFreniere and White.

Against: None.

Abstained: None.

This meeting was taped.

Respectfully submitted,

Nancy King
Recording Secretary

David White, Chairman

Richard Goodwin (Secretary)

**Registration Form for Regulated Activities
in an Aquifer Protection Area
City of Bristol CT
Aquifer Protection Area Program**

AGENCY USE ONLY	
APA Name	UWB/LWB/MS
Registration No.	APA3-2024-02
Date of Receipt	03-27-2024

This form must be used to register regulated activities in Aquifer Protection Areas within the City of Bristol in accordance with Section 8.01 of the Bristol Aquifer Protection Area Regulations. Before filling out the form, please carefully review it in its entirety.

A fee of \$100 must be submitted with this form. A registration shall not be deemed complete and no activity shall be considered registered unless the fee has been paid in full. The fee is non-refundable and shall be paid by cash or check to the City of Bristol.

Part I: Facility Information

Name of Company/Business/Facility:	<u>My Storz LLC (Sunoco Gas Station/Mini Mart)</u>		
Street Address/Location:	<u>510 Farmington Avenue, Bristol, CT 06010</u>		
Assessor's Map No.:	<u>37</u>	Assessor's Lot No(s):	<u>140</u>

Part II: Type of Registration

This registration is (check all that apply): ☐ a new registration ☒ a renewal of an existing registration ☐ a modification of an existing registration ☐ for a regulated activity that has been inactive within the past five years ☐ for a contiguous property leased, owned, or under option to purchase	Indicate any previous or existing aquifer protection registration numbers: <u>APA1-1306-06</u>
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Part III: Registrant Information

1. Registrant(s)			
Name:	<u>Rashid Sherwani for My Storz LLC (Sunoco Gas Station/Mini Mart)</u> Title: <u>Member of My Storz LLC (Facility Owner/Op)</u> <u>AND MY REAL ESTATE LLC (PROPERTY OWNER)</u>		
Mailing Address:	<u>510 Farmington Avenue</u>		
City/Town:	<u>Bristol</u> State: <u>CT</u> Zip Code: <u>06010</u>		
Business Phone:	<u>860-583-5566</u> CELL # <u>860-508-7525</u> Fax No.: <u></u>		
E-mail Address:	<u>mystorz@sbcglobal.net</u>		
Registrant's interest in property or facility at which the regulated activity is located (check all that apply):			
☒ property owner	☐ option holder	☐ lessee/tenant	☒ facility owner
☐ easement holder	☒ facility operator	☐ other (specify): <u></u>	
Name of Company/Business/Facility:		<u>My Storz LLC (Sunoco Gas Station/Mini Mart)</u>	
If there are additional Registrants, attach additional sheet(s) with the required information and check here ☐			

Part III: Registrant Information (cont'd)

2. Primary Contact Person for Agency correspondence and inquiries, if different from the Registrant

Name: N/A Title: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ Fax No.: _____

E-mail Address: _____

3. Attorney or other representative, if applicable:

Name: N/A Title: _____

Firm Name: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ Fax No.: _____

E-mail Address: _____

4. Facility Operator, if different from the Registrant:

Name: N/A _____

Contact Person: _____ Title: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ Fax No.: _____

E-mail Address: _____

5. Facility Owner, if different from the Registrant:

Name: N/A _____

Contact Person: _____ Title: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ Fax No.: _____

E-mail Address: _____

6. Engineer(s) or other consultant(s) employed or retained to prepare the registration, the materials management plan, and/or the stormwater management plan.

Name: N/A _____

Contact Person: _____ Title: _____

Mailing Address: _____

City/Town: _____ State: _____ Zip Code: _____

Business Phone: _____ Fax No.: _____

E-mail Address: _____

Services Provided: _____

If additional sheets are necessary, attach them to this form and check here ☐

Part IV: Activity Information

Check all regulated activities being registered. (For a full description of each regulated activity, see Section 2 of the Bristol Aquifer Protection Area Regulations.)

- ☒ Underground storage of oil, petroleum, or hazardous material; underground transmission of oil, petroleum, or hazardous material
- ☒ Dispensing of oil or petroleum for the purpose of retail, wholesale or fleet use
- ☐ On-site storage of hazardous materials for the purpose of wholesale sale
- ☐ Repair or maintenance of vehicles; repair or maintenance of internal combustion engines of vehicles (including boats, snow blowers, and lawnmowers)
- ☐ Salvage operations of metal or vehicle parts
- ☐ Wastewater discharges to ground water other than domestic sewage and stormwater
- ☐ Car or truck washing
- ☐ Production or refining of chemicals
- ☐ Clothes cleaning service (dry cleaner); cloth cleaning service
- ☐ Industrial laundry service
- ☐ Generation of electrical power by means of fossil fuels (e.g., power plants)
- ☐ Production of electronic boards, electrical components, or other electrical equipment
- ☐ Embalming or crematory services
- ☐ Furniture stripping operations
- ☐ Furniture finishing operations
- ☐ Storage, treatment or disposal of hazardous waste under a RCRA permit
- ☐ Biological or chemical testing, analysis or research
- ☐ Pest control services which involve the storage, mixing, or loading of pesticides or other hazardous materials
- ☐ Photographic finishing
- ☐ Production or fabrication of metal products, including metal cleaning or degreasing with industrial solvents, metal plating, or metal etching
- ☐ Printing, plate making, lithography, photoengraving, or gravure
- ☐ Accumulation or storage of waste oil, anti-freeze or spent lead-acid batteries as part of a recycling facility under a state DEEP General Permit
- ☐ Production of rubber, resin cements, elastomers or plastic
- ☐ Storage of de-icing chemicals for retail sale or for de-icing parking lots, access drives, etc.
- ☐ Accumulation, storage, handling, recycling, disposal, reduction, processing, burning, transfer or composting of solid waste under a state DEEP permit (solid waste facility, landfill, transfer station, composting facility, processing center)
- ☐ Dyeing, coating or printing of textiles; tanning or finishing of leather
- ☐ Production of wood veneer, plywood, reconstituted wood or pressure-treated wood
- ☐ Pulp production processes that involve bleaching

Part V: Certification of Compliance with Best Management Practices

"I hereby certify that the subject facility is in compliance with Best Management Practices for regulated activities as set forth in Section 12 of the Bristol Aquifer Protection Area Regulations. I have checked the box by each of the following statements as verification that the subject facility is in compliance with all applicable best management practices."

- ☒ Any above-ground storage of hazardous materials is in compliance with the provisions of Section 12.01(1) of the Bristol Aquifer Protection Area Regulations.
- ☒ The number of underground storage tanks used to store hazardous materials, if any, shall not be increased.
- ☒ Any underground storage tanks used to store hazardous materials shall not be replaced except in accordance with the provisions of Section 12.01(3) of the Bristol Aquifer Protection Area Regulations.
- ☒ Devices which allow the release of wastewaters to the ground shall not be used except in accordance with Section 12.01(4) of the Bristol Aquifer Protection Area Regulations.
- ☒ A Materials Management Plan for each regulated activity has been developed and implemented in accordance with Section 13 of the Bristol Aquifer Protection Area Regulations.



Registrant's Signature

03-25-2021

Date

Rashid Sherwani

Registrant's Name (print or type)

Member of My Storz LLC

Title (if applicable)

As Above

Facility Operator's Signature (if other than Registrant)

Date

As Above

Facility Operator's Name (print or type)

Title (if applicable)

Part VI: Certification of Consent by Property Owner(s)

The owner(s) of the property on which the facility is located, if different from the Registrant, operator or facility owner, must sign this part, consenting to the filing of this registration form. A registration will be considered incomplete unless the signatures of all property owners have been provided.

"I certify that I am the owner of record of the property on which the subject facility is located and consent to the filing of this registration form." (If more than one owner, attach additional sheets with the information required below for each owner.)

My Real Estate, LLC

Name of Property Owner (print or type)

03-25-2021

Date



Authorized Signature

Member of My Real Estate LLC

Title of Signatory

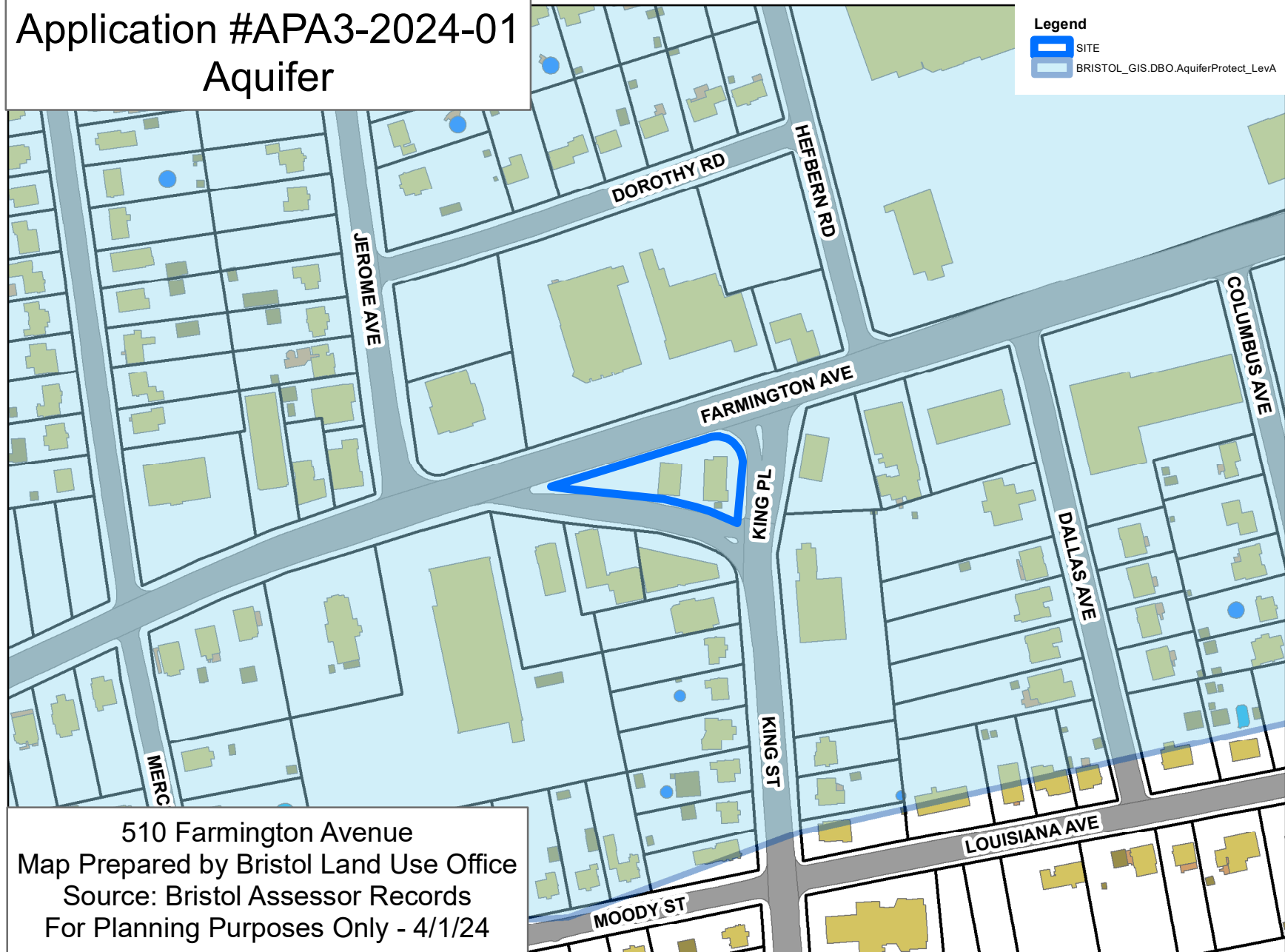
Check the box next to each attachment being submitted as verification that *all* applicable attachments have been included with this registration form. Label each document as indicated in this part (e.g., Attachment A) and include the facility's address on each document.

Part VIII: Certification of Completeness and Accuracy

THIS REGISTRATION FORM, FEE, AND ALL SUPPORTING DOCUMENTS SHALL BE FILED IN PERSON AT:

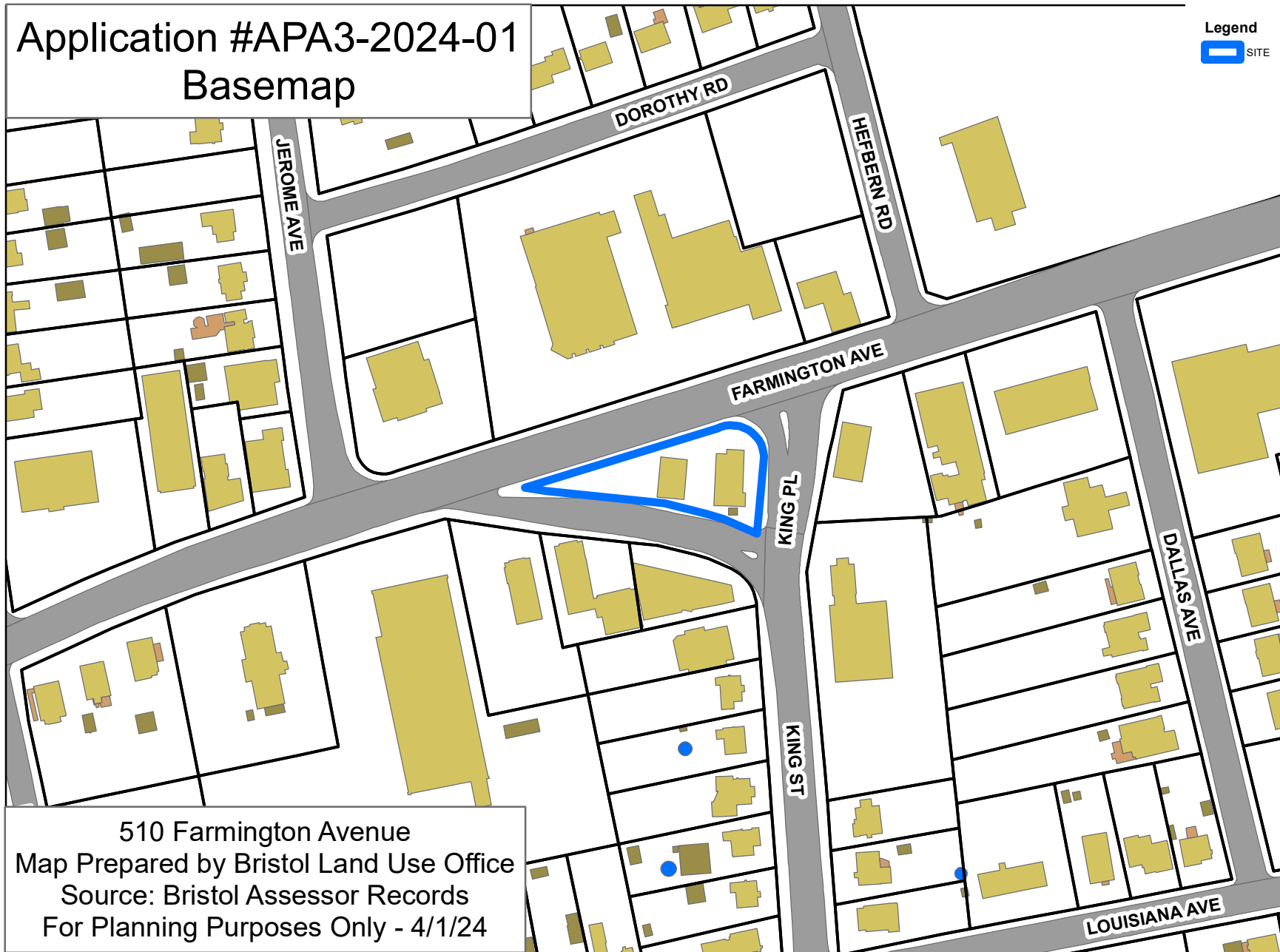
ELECTRONIC OR MAIL SUBMISSIONS WILL NOT BE ACCEPTED – NO EXCEPTIONS!

Application #APA3-2024-01 Aquifer



Application #APA3-2024-01
Basemap

Legend
 SITE



Application #APA3-2024-01
Aerial

Legend
 SITE



510 Farmington Avenue
Map Prepared by Bristol Land Use Office
Source: Bristol Assessor Records
For Planning Purposes Only - 4/1/24

MATERIALS MANAGEMENT PLAN FOR

**Sunoco Gasoline Station & Mini-Mart (My Storz, LLC)
510 Farmington Avenue, Bristol, CT**

FOR REGULATED ACTIVITIES IN AN AQUIFER PROTECTION AREA



**BRISTOL AQUIFER PROTECTION AGENCY
CITY OF BRISTOL
111 NORTH MAIN STREET
BRISTOL, CT 06010**



**DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION
BUREAU OF WATER PROTECTION AND LAND REUSE
PLANNING AND STANDARDS DIVISION
AQUIFER PROTECTION AREA PROGRAM
79 ELM STREET, HARTFORD, CT 06106**

Instructions

This model Materials Management Plan (MMP) was prepared by the CT Department of Energy and Environmental Protection (DEEP) and adapted for local use by the City of Bristol to assist you in complying with the requirements of the Bristol Aquifer Protection Area (APA) Program. The document provides a general form for developing and implementing a site-specific MMP for regulated activities conducted at facilities in aquifer protection areas in Bristol.

This model is an example of what a facility might use for a template for preparing its own MMP. Depending on the type of business or industry, MMPs may be different and could be tailored to meet the needs and requirements of each individual facility. This model MMP has eight sections including:

- Section 1 – Facility and Site Information
- Section 2 – Tables
- Section 3 – Emergency Response Plan
- Section 4 – Employee Training
- Section 5 – Record Keeping System
- Section 6 – Individual Responsible for Implementing MMP
- Section 7 – Additional Protection Actions
- Section 8 – Certification

Keep the following in mind when completing the MMP:

1. If any section does not apply to your facility, write “*not applicable*”. Do not skip it or leave it blank.
2. The MMP may be hand-written, but has been converted to an electronic format for your convenience.
3. If other similar information has already been prepared for the site for other purposes (i.e. site plans, emergency response procedures, spill plans, etc) and meets the MMP requirement, it may be submitted as an attachment.

Once the MMP is complete, you are required by the APA program to keep it on file at your facility and use it to assist you in controlling inventory of hazardous materials, monitoring and inspecting your site operations, responding to emergency and training employees.

Keep the MMP up to date. By using common sense, good housekeeping and by following the MMP, pollutants that could potentially contaminate ground water can be managed or eliminated without significant cost. Remember, it costs less to keep pollutants out of ground water than to remediate later!

The following are telephone numbers that you may find useful when assembling the MMP:

Bristol Land Use Office: 860-584-6225 (for any questions about the APA program or for assistance specific to completing the MMP)

Bristol Water Department: 860-582-7431 Bristol Water Department Emergency Line: 860-583-6504

CT DEEP Division Telephone Numbers:

Aquifer Protection Area Program: 860-424-3020 (for any questions specific to completing the MMP, its format or its contents)

Pollution Prevention: 860-424-3297 (for any question about pollution prevention or best management practices)

Bureau of Materials Management and Compliance Assistance: 860-424-3023 (for any questions about spills, hazardous materials, waste engineering and enforcement)

Wastewater Permitting and Enforcement: 860-424-3018 (for any questions about floor drains or waste water discharges)

Emergency Response and Spill Prevention:

Emergency Line: 860-424-3333 OR 860-424-3338 (to report spills)

General Information: 860-424-3024 (for questions on underground storage tanks or spill preparedness)

APA Materials Management Plan

SECTION 1 – FACILITY AND PROPERTY INFORMATION

A. Facility Information

Name of business/facility: My Storz, LLC (Sunoco Gas Station) Date of MMP: 3/25/2024

Address/location of business/Facility: 510 Farmington Avenue, Bristol, CT

Telephone No. of business/facility: (860) 583-5566/ (860) 508-7525

E-Mail address of business/facility: mystorz@sbcglobal.net

Briefly describe the type of business(es) conducted at this address/location:

Retail motor vehicle fueling station consisting of 4 pumps and a 1,908 S.F. convenience store.

Total number of employees: 3

B. Property Information

Property size (in acres or square feet): 0.35 acres

Description and size of buildings or accessory structures on the property (in square feet):

Description	Size
1. Building #1: <u>Conv. Store</u>	<u>1,908 SF</u>
2. Building #2: <u>Shed</u>	<u>80 SF</u>
3. Building #3: _____	_____
Total Area:	<u>1,988 SF</u>

Description and size of paved surfaces on the property (in acres or square feet):

Description	Size
1. Paved surface #1: <u>Asphalt Pavement</u>	<u>10,400 SF</u>
2. Paved surface #2: <u>Concrete Pad</u>	<u>2,850 SF</u>
3. Paved surface #3: _____	_____
Total Area:	<u>13,250 SF</u>

APA Materials Management Plan

SECTION 1 – FACILITY AND PROPERTY INFORMATION

C. Site Map

Attach a site map of the facility and label it as: "Attachment #1".

The following is a list of items that, if applicable to the facility, should be included on the site map:

- Property boundary
- Outlines of buildings, accessory buildings or other storage structures, including all paved surfaces
- Stormwater structures, such as catch basins, yard-drains, swales, detention basins, etc.
- Location of fueling stations, pump islands, and any other oil or petroleum dispensing point, etc.
- Location of hazardous material loading and unloading areas
- Location of wastewater disposal systems such as sewer lines or septic systems
- Location of waste storage and disposal areas including dumpsters, waste oil storage tanks, and other hazardous waste or material waste storage containers
- Location of liquid storage areas including underground storage tanks, above ground storage tanks, and their filling points as well as their discharging or distribution lines
- Location of any other outdoor structures or materials processing service areas that may impact groundwater or have materials, especially hazardous materials exposed to the weather.

APA Materials Management Plan

SECTION 1 – FACILITY AND PROPERTY INFORMATION

D. Building Floor Plan/Facility Operations

Attach a building plan or diagram showing the floor plan of the facility and label it as: “Attachment #2”.

The following is a list of items that, if applicable to the facility, should be included on the building floor plan or diagram:

- Hazardous materials and hazardous waste storage areas
- Hazardous materials and hazardous waste transfer, handling, and processing areas
- Waste water generation areas, collection lines, and disposal areas including floor-drains, sinks, sewer-line or septic-system connections
- Hazardous materials delivery routes, and hazardous waste transport through the site
- Designated loading and unloading areas, tank filling operations, and holding areas
- Location of vehicle and equipment maintenance and cleaning areas
- Location of roof areas that may be subject to chemical exhaust or drippage (do not include heating/ventilation/air-conditioning (HVAC) condensate)

Note: For plans with less complexity, the site map and building floor plan may be combined into one attachment; label it as: “Attachment #1 & #2”.

APA Materials Management Plan

SECTION 2 – TABLES

A. Hazardous Material Inventory

Date of Inventory: 3/25/2024

Provide an inventory of all hazardous materials that could potentially pollute ground-water. List hazardous materials that are handled or stored on site including: raw ("new") materials; waste materials; and other materials (i.e. used oil filters, used absorbents, etc.).

Hazardous Material Type	Purpose / Description	Location	Container Type	Container Size	Maximum Quantity Stored
Gasoline	Fuel for vehicles - retail sales	Underground Storage Tank (UST)	Double walled fiberglass clad UST	15,000 Gallons	13,500 Gallons
Gasoline	Fuel for vehicles - retail sales	Underground Storage Tank (UST)	Double walled fiberglass clad UST	4,000 Gallons	3,600 Gallons
Diesel	Fuel for vehicles - retail sales	Underground Storage Tank (UST)	Double walled fiberglass clad UST	4,000 Gallons	3,600 Gallons
Motor Oil	Retail sales	Merchandized on shelves in conv. store	Plastic containers	Quart	80 Quarts
Anti Freeze	Retail sales	Merchandized on shelves in conv. store	Plastic containers	Gallon	12 Gallons
Misc. Fluids Inc. power steering, brake, windshil	Retail sales	Merchandized on shelves in conv. store	Plastic containers	Various sizes 5 oz. to gallons	12-14 Gallons

APA Materials Management Plan

SECTION 2 – TABLES

B. Waste and Wastewater Inventory

Date of Inventory: 3/25/2024

Provide a description of all types and volumes of hazardous and solid wastes and wastewaters generated, and a description of how wastes are handled, stored and disposed.

Waste and Wastewater	Purpose / Description	Location	Quantity Stored / Generated	Disposal Method
Waste Gasoline and water in absorbent	Waste from spills and spill buckets	Inside sealed drum stored secured area behind bldg	0	Contract with licensed TSOF Clean Harbors, all waste is in solid form and picked up within 2-3 days of call.

APA Materials Management Plan

SECTION 2 – TABLES

C. Potential Pollution Sources and Protection Measures

Date Completed: 3/25/2024

Provide a description of measures and controls used to prevent and abate any releases or spills which could cause pollution of the aquifer including design structures and controls, procedures, good housekeeping and preventive maintenance.

Potential Pollution Source	Control/Protection Measures	Future Preventive Practices
Overfilling of an underground storage tank during fuel delivery.	1. Automatic tank gauging device with audible alarm. 2. Overfill alarms to alert driver. 3. Overfill prevention with flapper controls at tanks.	Continue current practices. implement new techniques when available.
Fuel leakage from an underground storage tanks and lines	1. manual leak detection/daily recon. 2. Continuous sequential leak detection (CSLD) 3. Annual line and leak detection test.	Continue current practices. Implement new techniques when available.
Fuel spills by customers during vehicle fueling.	1. Auto shut-off nozzle at each pump. 2. Break-away fuel hoses.	Continue current practices. Implement new techniques when available.

APA Materials Management Plan

SECTION 2 – TABLES

*(None, Updated 3/25/2024)

D. List of Significant (greater than 5 Gallons) Spills and Leaks

Document any significant spill or leak and any response and correction measures taken. Call DEEP Waste Management Bureau at 860-424-3372 for questions about pollution potential of spilled materials and proper disposal of spilled materials or wastes.

Date	Spill	Leak	Location	Description				Response Procedures	Corrective Measures Taken
(MM/DD/YY)	(check one)			Type of Material	Quantity	Source	Reason		
Date	Spill	Leak	Location	Description				Response Procedures	Corrective Measures Taken
(MM/DD/YY)	(check one)			Type of Material	Quantity	Source	Reason		
Date	Spill	Leak	Location	Description				Response Procedures	Corrective Measures Taken
(MM/DD/YY)	(check one)			Type of Material	Quantity	Source	Reason		

APA Materials Management Plan

SECTION 2 – TABLES

E. Inspections

Identify high-risk activities and critical areas of the facility that could pollute the aquifer and require regular or special inspection including: storage areas, loading areas, drains, containment areas, waste areas, and any other areas of concern. The areas identified should be inspected for evidence of leaks/spills, integrity/condition, and maintenance and housekeeping. Inspection reports shall be kept on file with this MMP.

Area to be Inspected	Inspection Schedule	Checked for leaks, conditions, maintenance	Problems?		If yes, describe action taken	Date of Last Inspection
			Y	N		
Paved gas station area/ concrete pad around pump	Daily	Check for cracks, pot hole areas in need of patch or repair.				
Spill kit in order to ensure spill response materials are in place.	Daily	Ensure spill response materials are sufficiently stocked.				
All dispensers, hoses and nozzles are checked for visible leaks	Daily and Monthly Detailed	Frayed hoses would be replaced before leaking.				

APA Materials Management Plan

SECTION 3 - EMERGENCY RESPONSE PLAN

Provide an Emergency Response Plan. You may reference any Spill Prevention Countermeasure Control Plan or other Spill Plan that you have as long as such plan sufficiently addresses the items listed below. The following information shall be included:

A. Spill Response Procedures

1. Identify where spill response equipment* or materials are located at your facility:

Spill response supplies including oil absorbent granules, petroleum absorbent sheets (fabric type) are located
inside the utility/supply room of the convenience store.

2. Indicate how a spill will be evaluated to determine an appropriate response.

The attendant on duty will evaluate the spill and respond according to the situation. The spill coordinator (facility
owner) will be consulted for additional instructions on a case by case basis and immediately be notified of a large
volume spill on the contact numbers on hand.

3. Indicate the type of spill response equipment that your facility will use to properly contain a spill as close to its source as possible.

Spill response supplies consists of oil absorbing granules, petroleum absorbent sheets (fabric type).

4. Indicate how all waste material is disposed of, including used cloths and absorbents.

Used absorbent sheets and all other waste material is disposed of in a 55 gallon storage drum for pick up by
licensed hazardous waste management contractor (Clean Harbors). The barrel is stored behind building in a
fenced in and secured area.

APA Materials Management Plan

SECTION 3 - EMERGENCY RESPONSE PLAN

5. Indicate how the facility will re-stock its spill response equipment (i.e. absorbents)

The facility manager/operator conducts a regular inventory of all spill response supplies and orders items for
restocking as necessary.

6. Describe the process that will be used to ensure the facility has spill response equipment that is always readily available and functioning properly.

The facility manager/ Operator conducts regular inspections of all types of spill response material on hand in
order to determine if more should be ordered.

In case of a health hazard, fire, or explosion potential:

1. Call 911
2. Call DEEP Oil and Chemical Spills Unit at 860-424-3338 immediately If the spill is large or threatens ground-water.
3. Any questions on pollution potential of spilled materials and proper disposal of spilled materials or wastes should be directed to DEEP Waste Management Bureau at 860-424-3372.

*Emergency spill kits should include material such as spill dams; absorbent socks, pads, mats, and pillows; "pigs", dikes, barriers, and berms.

APA Materials Management Plan

SECTION 4 - EMPLOYEE TRAINING

It is the responsibility of the facility operator to ensure that all employees are properly trained in materials management. All employees shall be trained annually and new hires shall be trained within thirty-days of starting working. Training logs shall be kept on file with the MMP.

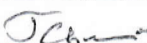
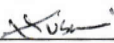
Training Date: 01-08-2024

Trainer Name/Title: DASHID SHEERWANI, CLASS A/B OPERATOR (OWNER/OPERATOR)

Topics Covered: (✓ all applicable)

- ☒ Purpose and requirements of the MMP
- ☒ Employee responsibilities
- ☒ Facility site plan and location of all hazardous materials
- ☒ Proper waste collection and disposal procedures
- ☒ Spill prevention, response procedures, and use of spill equipment
- ☒ Good housekeeping practices and preventive maintenance
- ☒ Reporting procedures
- ☒ Other measures and controls

Employees in attendance:

PRINTED NAME	SIGNATURE
FAROOQ FODDERWALA	
SAHANZEB CHEEMA	
HUSAIN SOOMRO	

Comments:

REFER TO UST COMPLIANCE DOCUMENTS WHICH ARE KEPT ON SITE
AT ALL TIMES, FILED INSIDE BUILDING'S UTILITY ROOM / OFFICE.

APA Materials Management Plan

SECTION 5 - RECORD KEEPING SYSTEM - ACCOUNTING AND TRACKING OF MATERIALS

Identify how materials are tracked and how abnormal losses are accounted for:

1. Maintain product Material Safety Data Sheets (MSDS):

MSDS sheets are maintained in a filebook kept in the backroom of the store at all times and easily accessible.

2. Maintain hazardous waste manifests:

Hazardous waste manifest documents will be in the backroom/office of the convenience store (i.e. for materials disposed of in 55 gallon drum)

3. Ensure materials and waste containers are properly labeled:

A 55 gallon hazardous waste disposal container is stored on the premises and is clearly marked and properly labeled.

4. Mark purchase date on materials:

N/A

5. Control access to materials that are hazardous:

Used absorbents are deposited into a 55 gallon re-sealable barrel that is kept inside a fenced in and secure area behind the building.

6. Maintenance of Spill Logs:

Spill logs will be filed in the material management plan folder and stored in the backroom of the convenience store.

7. Other:

N/A

APA Materials Management Plan

SECTION 6 - MATERIALS MANAGEMENT PLAN IMPLEMENTATION

A. Contact Information:

Identify the person(s) responsible for implementing the MMP.

1. Name of primary contact person: Rashid Sherwani Title: Owner/Operator

Company: My Storz, LLC

Address: 510 Farmington Avenue City: Bristol State: CT Zip Code: 06010

Telephone No.: (860) 508-7525 E-Mail: mystorz@sbcglobal.net

2. Name of secondary contact person: Farooq Fodderwala Title: Co-owner

Company: My Storz, LLC

Address: 510 Farmington Avenue City: Bristol State: CT Zip Code: 06010

Telephone No.: (860) 681-9642 E-Mail: _____

B. Emergency Contact/Spill Coordinator Information:

Identify the emergency contact information for the person identified as the “spill coordinator” for the facility who will be advised immediately of all spills, regardless of the quantity.

1. Name of spill coordinator: Rashid Sherwani

Telephone No.: (860) 508-7525

E-Mail: mystorz@sbcglobal.net

2. List additional emergency contact telephone numbers:

DEEP Emergency Line: 860-424-3333 OR 860-424-3338 (to report spills)

Bristol Water Department Emergency Line: 860-583-6504

Other emergency contact telephone numbers:

Emergency Contact: _____ Telephone No.: _____

Emergency Contact: _____ Telephone No.: _____

Emergency Contact: _____ Telephone No.: _____

APA Materials Management Plan

SECTION 7 - ADDITIONAL PROTECTION ACTIONS

Use this section to list any other current measures, improvements, or modifications in practices, procedures, or structures that are needed to ensure compliance or to ease registration/permit requirements.

APA Materials Management Plan

SECTION 8 - CERTIFICATION

You shall certify the MMP by signing and dating it. A "Connecticut Licensed Professional Engineer" or "Certified Hazardous Materials Manager" may also have to certify the MMP, if such certification is required by the Bristol Aquifer Protection Agency. To obtain a list of consultants that are registered with the State of Connecticut, contact the Bureau of Water Protection and Land Reuse at 860-424-3018 and ask for the "Engineer of the Day".

Re-certification shall be required when there are substantial changes to the facility resulting in significant revisions to the MMP. An example of such a change would be the construction of a building addition that includes adding a new process to a registered regulated activity that was already existing at the facility. If you have any questions as to whether or not a change is "substantial", please contact the Bristol Land Use Office at 860-584-6225.

Certification by Facility Owner/Operator

"I certify that the Materials Management Plan (MMP) prepared for this site meets the criteria set forth in Sections 22a-354i-7(d) or 22a-354i-8(c) of the Regulations of Connecticut State Agencies. This certification is based on my review of the materials management plan for the site and an inspection of the site. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."



Owner/Operator Signature

3/27/24

Date

Rashid Sherwani, My Storz, LLC, Member
Owner/Operator Name (printed or typed)

Certification by Professional Engineer

"I certify that, in my professional judgment, the Materials Management Plan (MMP) prepared for this site meets the criteria set forth in Sections 22a-354i-7(d) or 22a-354i-8(c) of the Regulations of Connecticut State Agencies. This certification is based on my review of the materials management plan for the site and an inspection of the site. I am aware that there are significant penalties for false statements in this certification, including the possibility of fine and imprisonment for knowingly making false statements."

P.E. Signature

P.E. Number and Seal

P.E. Name (printed or typed)

Date

Sunoco Gas Station/Mini-Mart (My Storz, LLC) APA Materials Management Plan

Attachments

1. "Attachment #1 & #2: Site Map and Process Flow Diagram"; Sunoco Gas Station/Mini-Mart (My Storz, LLC), 510 Farmington Avenue, Bristol, CT.

ATTACHMENT #1 & #2:
SITE MAP and PROCESS FLOW DIAGRAM
Aquifer Protection Area
Materials Management Plan for
Sunoco Gas Station/Mini-Mart (My Storz, LLC)
510 Farmington Avenue, Bristol, CT



Prepared by Bristol Land Use Office

June 10, 2013

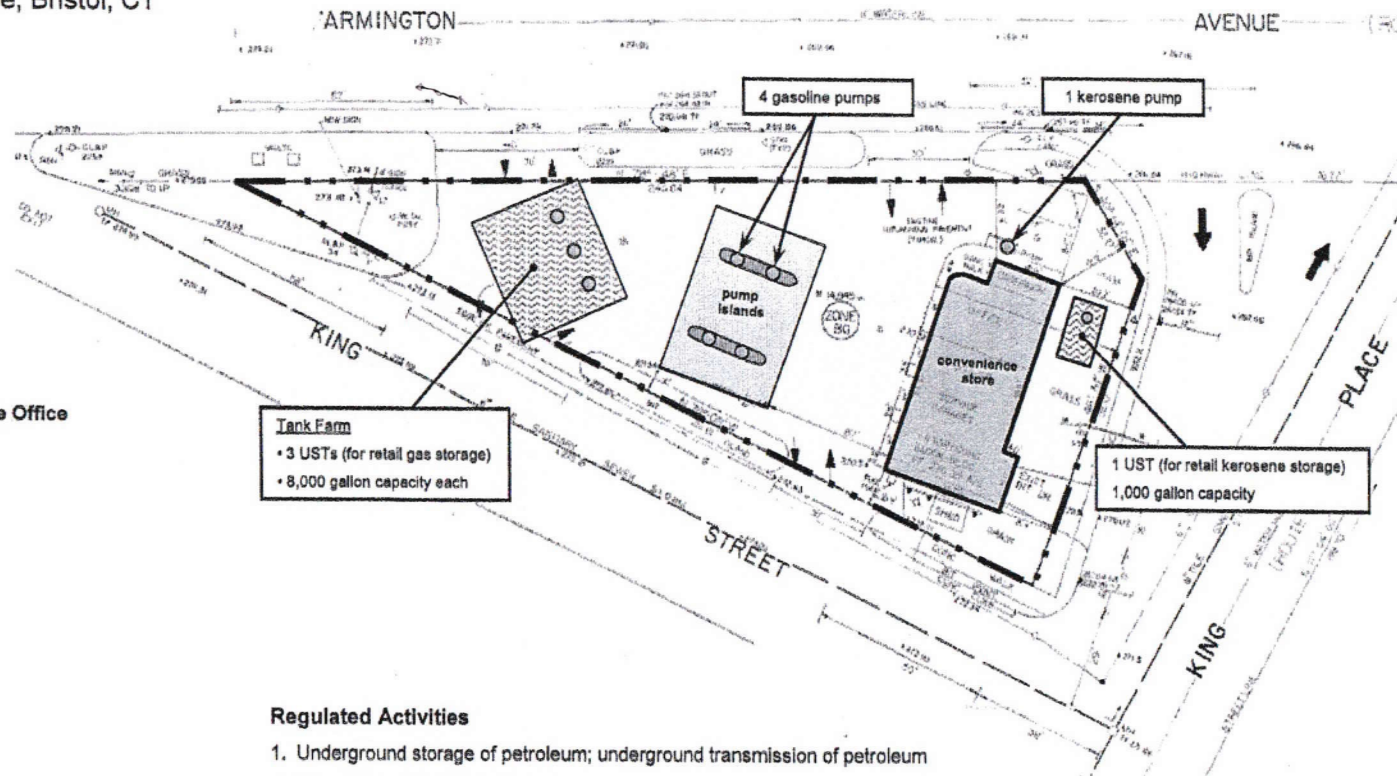
Not to scale



Legend

— . . . — Facility boundary/property line

Base map source: "Survey Plan, 510 Farmington Avenue (RTE. U.S.6) Prepared For Frank, Stanley, Edward & Henry Gaski";
 by Schull Associates, West Haven, CT; dated 12/22/93.





AQUIFER PROTECTION AREA REGULATORY DETERMINATIONS REPORT
(Determination Activity for the Period: March 1, 2024 to April 3, 2024)
Bristol Aquifer Protection Area Program
(Lower Whites Bridge/Upper Whites Bridge/and Mix Street APA)
April 8, 2024

Determinations of Regulatory Status made from March 1, 2024 to April 3, 2024

- 1) **Facility name:** Dairy Queen
Facility address/location: 454 Farmington Avenue
Number of potentially regulated activities being conducted at this facility: 0

Findings: No proposed activities.

Determination: The activity is **not** regulated.

Determination date: 3/13/24

- 2) **Facility name:** Bristol Adult Resource Center (B.A.R.C.)
Facility address/location: 621 Jerome Avenue
Number of potentially regulated activities being conducted at this facility: 0

Findings: An existing above ground heating oil tank is permitted. Applicant provided safety mechanisms and concrete pad to prevent spills.

Determination: The activity is **not** regulated.

Determination date: 3/7/24

Determination of Regulatory Status **City of Bristol CT** **Aquifer Protection Area Program**

OFFICE USE ONLY	
Form No.	2024-01
APA Name	UWB/LWB/MS
Date of Receipt	03-05-24
Determination	NOT REGULATED
Determination Date	3/13/24

This form will be used by the City of Bristol's Aquifer Protection Agency to determine whether or not any of the activities currently being conducted on your property are subject to the regulatory requirements of the city's Aquifer Protection Area Program. Please complete this form and return it to:

City of Bristol Aquifer Protection Agency
c/o Land Use Office
City Hall, 111 North Main St.
Bristol CT 06010

Questions? Please call the city's Land Use Office at (860) 584-6225

PART 1 (please print all responses)

Name of person completing this form: Attorney James Ziogas, Jr.

Name of business/facility: Hashimi Managment Corp.

Address/location of business/facility: 454 Farmington Avenue, Bristol CT

Telephone # of business/facility: 718-872-6036 Ext. 1

E-Mail address of business/facility: mminaya@hashimimgmt.com

(If business does not have an e-mail address, provide e-mail address of contact person)

Briefly describe the type of business(es) conducted at this address/location:

New Construction - "Dairy Queen"

PART 2

Check off [✓] each activity below if it's currently being conducted at the business/facility identified in Part 1.

(A)	☐	Underground storage of oil, petroleum, or hazardous material; underground transmission of oil, petroleum, or hazardous material ☐ Underground storage tank containing #2 fuel oil
(B)	☐	Dispensing of oil or petroleum for retail, wholesale, or fleet use
(C)	☐	On-site storage of hazardous materials for wholesale sale
(D)	☐	Repair or maintenance of vehicles; repair or maintenance of internal combustion engines of vehicles (including boats, snow blowers and lawnmowers) ☐ Involves the use, storage, or disposal of hazardous materials (including solvents, lubricants, paints, brake fluids, transmission fluids, or the generation of hazardous wastes)
(E)	☐	Salvage operations of metal or vehicle parts
(F)	☐	Wastewater discharges to ground water other than domestic sewage and storm water
(G)	☐	Car or truck washing ☐ wastewater is disposed of through a legal connection to the public sanitary sewer
(H)	☐	Production or refining of chemicals
(I)	☐	Clothes cleaning service (dry cleaner); cloth cleaning service ☐ Involves the use, storage, or disposal of hazardous materials (including dry-cleaning solvents)
(J)	☐	Industrial laundry service ☐ Involves the cleaning of clothes or cloth contaminated by hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(K)	☐	Generation of electrical power by means of fossil fuels (e.g., power plants)

(LIST CONTINUES ON PAGE 2)

(L)	☐	Production of electronic boards, electrical components, or other electrical equipment ☐ Involves the use, storage, or disposal of hazardous materials ☐ Involves metal plating, degreasing of parts or equipment, or etching operations
(M)	☐	Embalming or crematory services ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(N)	☐	Furniture stripping operations ☐ Involves the use, storage, or disposal of hazardous materials
(O)	☐	Furniture finishing operations ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(P)	☐	Storage, treatment or disposal of hazardous waste under a RCRA permit
(Q)	☐	Biological or chemical testing, analysis or research ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(R)	☐	Pest control services which involve the storage, mixing, or loading of pesticides or other hazardous materials
(S)	☐	Photographic finishing ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(T)	☐	Production or fabrication of metal products, including metal cleaning or degreasing with industrial solvents, metal plating, or metal etching ☐ Involves the use, storage, or disposal of hazardous materials
(U)	☐	Printing, plate making, lithography, photoengraving, or gravure ☐ Involves the use, storage, or disposal of hazardous materials
(V)	☐	Accumulation or storage of waste oil, anti-freeze or spent lead-acid batteries as part of a recycling facility under a state DEP General Permit
(W)	☐	Production of rubber, resin cements, elastomers, or plastic ☐ Involves the use, storage, or disposal of hazardous materials
(X)	☐	Storage of de-icing chemicals for retail sale or for de-icing parking lots, access drives, etc. ☐ Such chemicals are stored in a weather-tight, water-proof structure
(Y)	☐	Accumulation, storage, handling, recycling, disposal, reduction, processing, burning, transfer or composting of solid waste under a state DEP permit (solid waste facility, landfill, transfer station, composting facility, processing center)
(Z)	☐	Dyeing, coating or printing of textiles; tanning or finishing of leather ☐ Involves the use, storage, or disposal of hazardous materials
(AA)	☐	Production of wood veneer, plywood, reconstituted wood or pressure-treated wood ☐ Involves the use, storage, or disposal of hazardous materials
(BB)	☐	Pulp production processes that involve bleaching

Check here ☒ if none of the activities listed in Part 2 above have been checked off, and proceed to Part 5 below.

PART 3

For each activity checked off in Part 2 that involves the use or storage of hazardous materials, indicate the activity's letter code and which of the following hazardous materials is used/stored as part of that activity.

	Activity Code: ____	Activity Code: ____	Activity Code: ____	Activity Code: ____
Solvents	☐	☐	☐	☐
Heavy metals	☐	☐	☐	☐
Petroleum products (inc. Used Oil)	☐	☐	☐	☐
Pesticides	☐	☐	☐	☐
Fertilizers	☐	☐	☐	☐
Road salt; other de-icers	☐	☐	☐	☐
Other (specify): _____	☐	☐	☐	☐

PART 4

Check off [✓] all of the statements below that apply to the activities you checked off in Part 2.

- ☐ The activity is conducted at a residence without compensation.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity involves the on-site use or storage of not more than 2.5 gallons of each type of hazardous material at any one time and the total of all hazardous materials on-site does not exceed 55 gallons at any one time.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity is an agricultural activity regulated pursuant to Section 22a-354m(d) of the Connecticut General Statutes.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity satisfies ALL the following conditions:

1. The activity takes place solely within an enclosed building in an area with an impermeable floor.
2. The activity involves no more than 10% of the floor area of the building in which it takes place.
3. Any hazardous material used in connection with the activity is stored in such building at all times.
4. All waste waters generated by the activity are disposed of through a legal connection to the public sanitary sewer.
5. The activity does not involve (i) the repair or maintenance of internal combustion engines, including (without limitation) vehicles or equipment associated with such vehicles, (ii) the underground storage of any hazardous material, or (iii) the above-ground storage of more than 110 gallons of hazardous materials.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity solely involves the use of lubricating oil and satisfies ALL of the following conditions:

1. The activity does not involve the cleaning of metals with chlorinated solvents at the facility.
2. The activity takes place solely within an enclosed building in an area with an impermeable floor.
3. Any hazardous material used in connection with the activity is stored in such building at all times.
4. The activity does not involve (i) the repair or maintenance of internal combustion engines, including (without limitation) vehicles or equipment associated with such vehicles, (ii) the underground storage of any hazardous material, or (iii) the above-ground storage of more than 110 gallons of such lubricating oil and associated hazardous waste.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity involves the dispensing of oil or petroleum from an above-ground storage tank or tanks with an aggregate volume of not more than 2,000 gallons and satisfies ALL of the following conditions:

1. The activity takes place solely on a paved surface which is covered by a roof.
2. The above-ground storage tank (or tanks) is a double-walled tank with overfill alarms.
3. All associated piping is either above-ground or has secondary containment.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

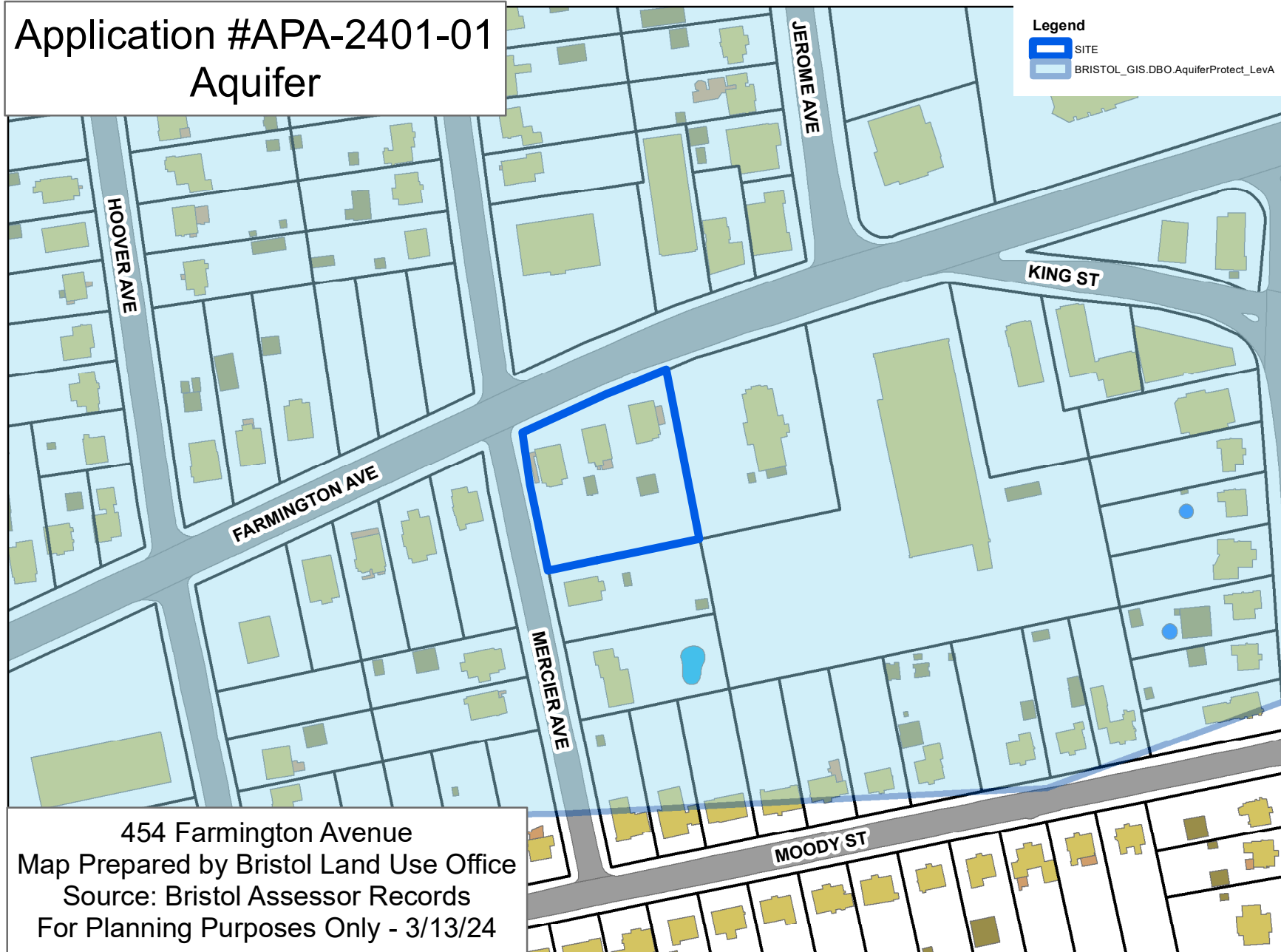
PART 5

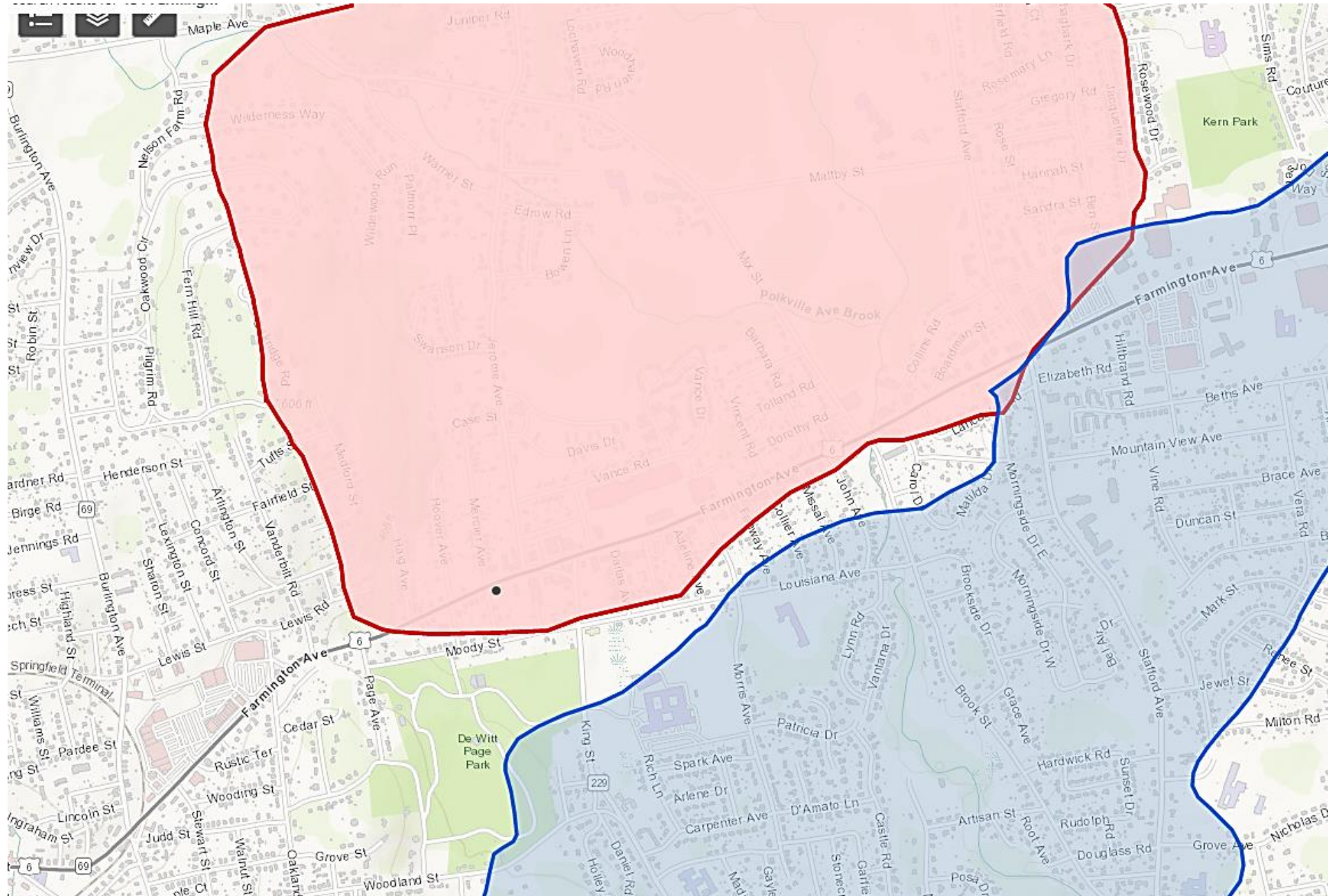
I hereby certify that this form has been completed to the best of my ability and that the information contained herein accurately represents the nature and extent of activities currently being conducted at the business/facility identified in Part 1 above which may be subject to the regulatory requirements of the city's Aquifer Protection Area Program.

Signature

02/29/24
Date

Application #APA-2401-01 Aquifer









GENERAL NOTES

1. EXISTING SITE CONDITIONS TAKEN FROM A SURVEY PLAN ENTITLED "IMPROVEMENT LOCATION PLAN", DATED AUGUST 12, 2021, SCALE 1"=20', BY FULLER ENGINEERING AND LAND SURVEYING, LLC.

GRADING, DRAINAGE & UTILITY NOTES

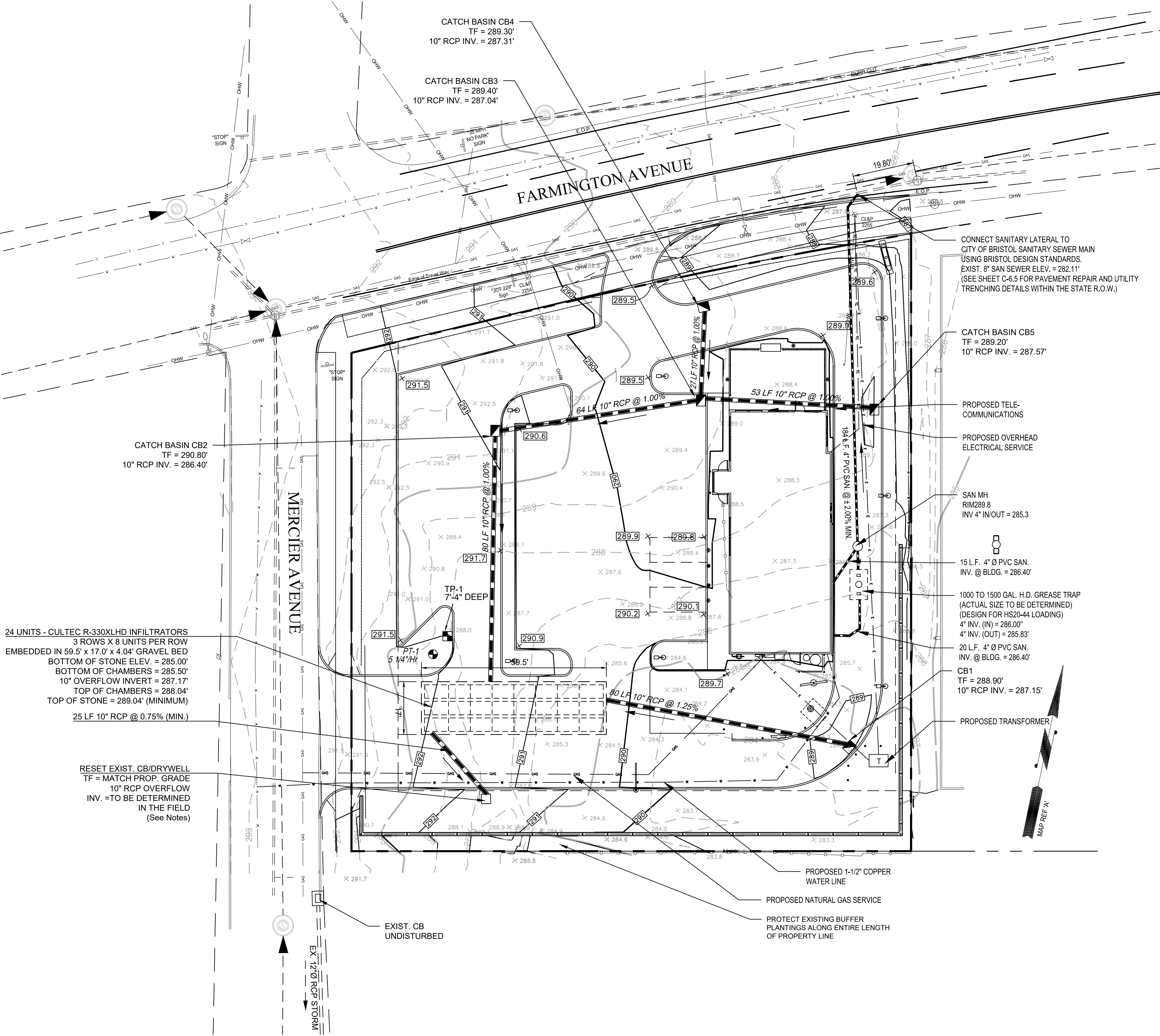
- THIS PLAN IS FOR THE GRADING, DRAINAGE, AND UTILITIES OF THE PROPOSED DAIRY QUEEN WITH PARKING CONSTRUCTION, AND MISCELLANEOUS LANDSCAPING ALONG FARMINGTON AVENUE, BRISTOL, CT. THIS PLAN IS NOT TO BE USED AS A SITE OR CONSTRUCTION PLAN. ADDITIONAL DESIGN AND DETAILS REQUIRED FOR BIDDING AND CONSTRUCTION.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS, METHODS AND SEQUENCES OF CONSTRUCTION AND FOR THE SAFETY OF WORKERS AND OTHERS ON THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL LOCATE AND VERIFY THE SIZE, LOCATION, DEPTH AND INVERTS OF ANY AND ALL EXISTING UTILITIES PRIOR TO COMMENCING OPERATIONS. THE CONTRACTOR SHALL ALSO BE REQUIRED TO CONTACT THE TOLL FREE "CALL-BEFORE-YOU-DIG" PHONE NUMBER AT 1-800-922-4455.
- COORDINATE ALL NEW UTILITIES WITH THE APPLICABLE UTILITY COMPANY FOR SPECIFIC SERVICE REQUIREMENTS AND SIZING.
- SEE SHEETS C-4.1 AND C-4.2 FOR EROSION CONTROL MEASURES AND DETAILING.
- ALL WORK PERFORMED BY THE OWNER / DEVELOPER MUST INCLUDE IMPLEMENTATION OF AN APPROVED SOIL EROSION AND SEDIMENTATION PLAN IN ACCORDANCE WITH PUBLIC ACT No. 83-388 (PASSED BY THE CONNECTICUT GENERAL ASSEMBLY). THE OWNER / DEVELOPER SHALL BE THOROUGHLY FAMILIAR WITH THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL PUBLISHED BY THE CONNECTICUT COUNCIL OF SOIL AND WATER CONSERVATION, JANUARY 1985.
- RESTORE ALL DISTURBED AREAS WITH A MINIMUM OF FOUR (4") INCHES OF TOPSOIL, SEED, AND HAY MULCH UPON COMPLETION OF CONSTRUCTION.
- LOT SERVED BY CITY SEWER SYSTEM AND PUBLIC WATER SUPPLY.
- VERIFY CONDITION OF ALL EXISTING DRAINAGE STRUCTURES. REPLACE IF REQUIRED. VERIFY THE INVERT LOCATION OF ALL SANITARY SEWER CONNECTIONS TO ENSURE PROPER PITCH IS MAINTAINED.
- ALL WATER AND SEWER SERVICE AND MAIN WORK TO BE DONE IN ACCORDANCE WITH CITY OF BRISTOL WATER AND SEWER DEPARTMENT SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, A TEST PIT SHALL BE EXCAVATED IN THE LOCATION OF SUBSURFACE INFILTRATION SYSTEM. ENSURE THAT THREE FEET MIN IS MAINTAINED TO GROUNDWATER, IF DISCOVERED. NOTIFY ENGINEER SHOULD GROUNDWATER BE ENCOUNTERED.
- WATER CONTACT: MIKE LYNCH (860) 582-7431.
- SEWER CONTACT: BRYAN ROBERTS (860) 582-7431.
- FINAL DESIGN AND SIZING OF PROPOSED GREASE TRAP TO BE SUBMITTED FOR APPROVAL PRIOR TO BUILDING PERMIT.
- THE EXISTING CB / DRYWELL IS INTENDED TO REMAIN IN PLACE. IF DETERMINED TO BE STRUCTURALLY UNSOUND DURING CONSTRUCTION, A NEW PRECAST CONTROL STRUCTURE OR LEVEL SPREADER WILL BE SUBMITTED TO THE ENGINEERING DEPARTMENT FOR APPROVAL.

SOIL DEEP TEST PIT DATA:

SOIL TESTING DATA - DEEP TEST PIT			
PROJECT:	DAIRY QUEEN		
DATE:	460 FARMINGTON AVENUE BRISTOL, CT		
CLIENT / OWNER:	HASHIMI CORP. CM: JAMES FERRO		
EXCAVATED BY:	HNV CONSTRUCTION		
WITNESSED AND LOGGED BY:	SEBASTIAN URCIULLO (FULLER ENGINEERING)		
DT 1	88" (7'-4")		
	0-3"	ASPHALT (BITUMINOUS CONCRETE)	
	6-12"	GRAY / BROWN PROCESSED AGGREGATE / WITH STONE DUST OR PEBBLES	
	12-36"	BROWN FINE SANDY SILT LOAM	
	36-76"	ORANGE BROWN FINE SAND & SILT, SOME COBBLE AND ROCK	
	76-88"	ORANGE BROWN MEDIUM TO COARSE SAND AND GRAVEL, SOME COBBLE & ROCK	
		ROOT DEPTH = TO 75"	
		NO LEDGE	
		NO MOTTLING	
		GROUND WATER @ 84"	
	PT-1 (32" DEEP - 2 LOWEST READINGS = 0.875" IN 10 MIN.)	(OR 11.43 MIN / INCH)	
		(OR 5 1/4 INCH / HOUR)	
	O:\Fuller CAD Files\CT\Bristol\Farmington Ave\Farmington Ave, 448, 454, 460 - DQ - FE21-1663\Engineering\STORM\EXCEL		

PERCOLATION TEST RESULTS:

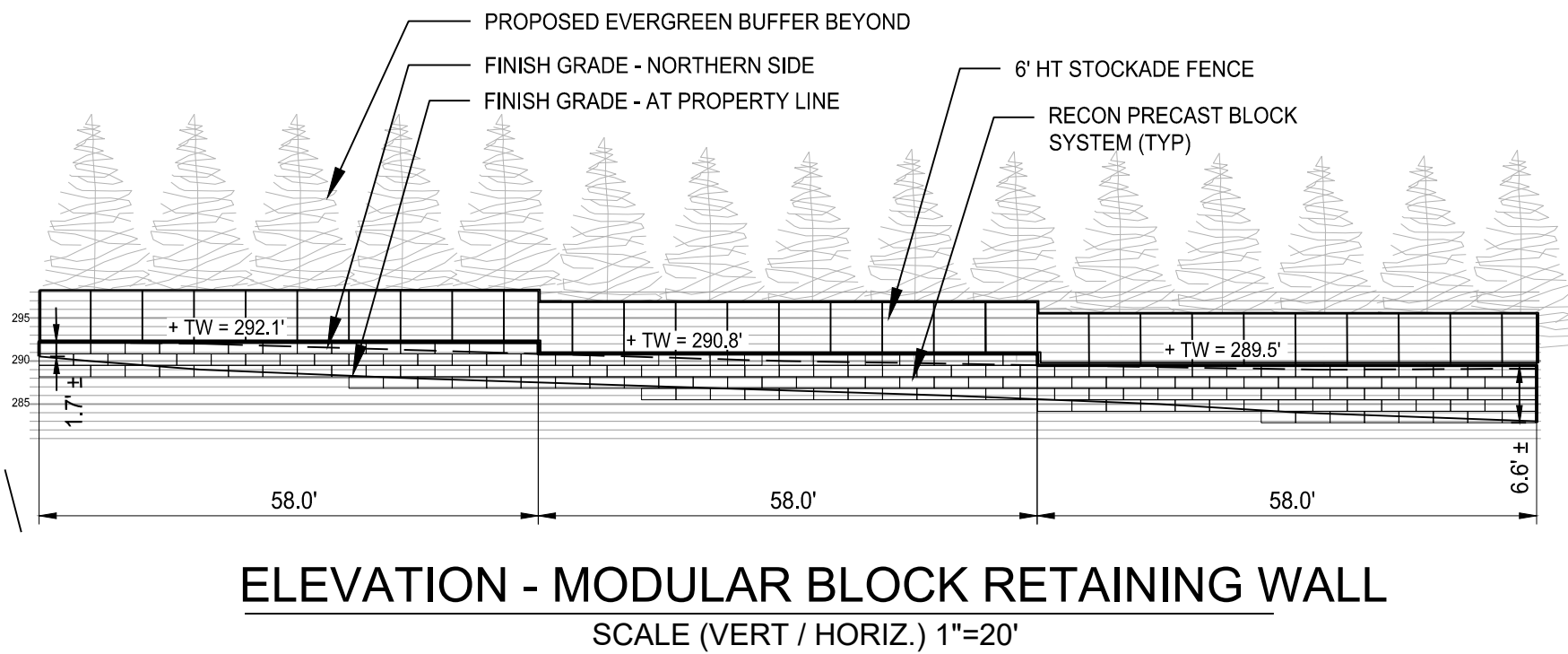
DATE: 26-Sep-21		
Note: Perc. Test Hole pre-soaked for at least 1 hour & heavy rain - previous day		
Pre-Soak 1: 3" to Mark @ 11:50	Pre-Soak 2: 3" @ 12:30	32" deep test hole
End P.S. 1: DRY @ 12:30	End P.S. 2: DRY @ 12:58	15 1/8" to mark
PERCOLATION HOLE PT-1		
Depth of hole =	32"	inches
Time	Reading	Fall
1:00 PM	3 1/2	
1:10 PM	7	3 1/2
1:20 PM	10 1/8	3 1/8
1:30 PM	11 1/4	1 1/8
1:40 PM	12 1/8	7/8
1:50 PM	13	7/8
2:00 PM	Dry	
AVG. 2 slowest readings =	=	7/8
Percolation Rate =	11.43 min./inch	
AVG. =	5 1/4 inch/hour	
Note:	11.43 min./inch	
1. Percolation rate calculated using the last 2 slowest readings/fall.		
2. USE 10.1 to 20 MIN./INCH FOR DESIGN		
O:\Fuller CAD Files\CT\Bristol\Farmington Ave\Farmington Ave, 448, 454, 460 - DQ - FE21-1663\Engineering\STORM\EXCEL		



EARTHWORK CALCULATIONS

Cut/Fill Summary

Name	Cut Factor	Fill Factor	2d Area	Cut	Fill	Net
EARTHWORK	1.000	1.000	35393.28 Sq. Ft.	144.26 Cu. Yd.	2305.70 Cu. Yd.	2161.44 Cu. Yd.<Fill>
Totals			35393.28 Sq. Ft.	144.26 Cu. Yd.	2305.70 Cu. Yd.	2161.44 Cu. Yd.<Fill>



AQUIFER PROTECTION AREA GUIDANCE

Best Management Practices for Controlling Stormwater from Parking Lots in Aquifer Protection Areas

- Do not use direct infiltration structures (galleries, drywells, trenches) as these do not allow for attenuation of salt or other soluble compounds that may be contained in parking lot runoff.
- Non-structural measures to dissipate and treat runoff are encouraged, including sheetflow from uncurbed pavement and vegetated swales/basins. These provide an opportunity for volatilization of volatile organic compounds to the extent possible before the stormwater can infiltrate into the ground.
- If a stormwater collection system must be installed, it should discharge to an above-ground outlet point (swales, detention/retention basins or surface waters).
 - Any catch basins installed should have deep sumps to trap sediments and hoods to trap oil and grease.
 - If more than 1 acre of pavement drains to a common discharge point, a gross particle separator should also be installed. Advanced designs for gross particle separators have been developed, such as Vortechics, Downstream Defender and Stormceptor, that the Department believes are very effective in retaining medium to coarse grained sediments as well as floatables. The last type of separator is designed to treat runoff from areas up to approximately 1 acre in size, while the former two can be sized to accommodate flow from larger areas. It is recommended that the appropriate variety of this or similar type of unit with a cyclonic design be installed in conjunction with each outlet, depending on the size of the drainage area.
- Provisions should be made for the periodic maintenance that will be required to insure continued effectiveness of these control measures.

For more information regarding the design of stormwater collection systems, contact Chris Stone of the DEEP's Stormwater Permitting & Enforcement Division at (860) 424-3850.

CT Department of Energy and Environmental Protection

7/7/2014



AQUIFER PROTECTION AREA GUIDANCE

Best Management Practices for Temporary Construction and Reconstruction Operations in Aquifer Protection Areas

Issues and Concerns
Potential groundwater quality concerns include stormwater, fuel, and other maintenance chemicals associated with vehicles, machinery, and equipment.

Guidance/Recommendations
For the protection of ground water quality at construction operations in aquifer protection areas, DEEP recommends the following:

Temporary Construction Measures

- Significant fuel, chemical or other hazardous materials storage and handling, including fueling of construction vehicles, should be located outside well field area and aquifer protection area.
- No repair or maintenance of construction vehicles or washing of construction vehicles is permitted within the aquifer protection area.
- Any necessary temporary storage should be aboveground, protected from rainfall, and on an impervious containment surface.
- An emergency spill and response plan should be developed, including coordination with the water supplier.
- The site access should be adequately secured at all times to prohibit any unauthorized disposal of waste materials.

Stormwater Pollution Prevention Measures:

- Ways to minimize pollutant load (sand, salt, etc.) should be examined.
- Deicing management areas should be established including low salt use areas, alternative chemical or sand methods.
- Wellhead protection signs shall be posted in clear visibility of the highway at the entrance and exit points of the aquifer protection area and at 1/2 mile intervals.

Drainage System Design Criteria:

- Select best management practices from the DEEP stormwater manual based on treatment effectiveness and low groundwater pollution potential.

CT Department of Energy and Environmental Protection

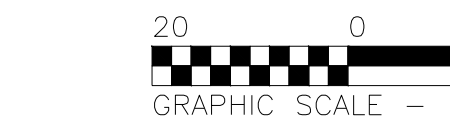
6/23/2016

- Sheetflow and swale collection is encouraged, where possible, outside of immediate well field area.
- Catch basins and curbs should be used in immediate wellhead area to divert and control runoff and spills away from wellhead.
- Dry wells or similar subsurface leaching structures should not be used for stormwater disposal from paved or other areas that have high potential to pollute groundwater; existing structures which have high potential to pollute groundwater should be removed or converted.
- Gross particle/oil separators (swirl concentrator type) may be used for pretreatment of consecutive catch basins. Deep catch basins (minimum 4' deep and tight construction, with baffles, may also be used).
- Stormwater discharge points shall outlet to aboveground land surface or basin type structures. Significant or critical discharge points should have a basin designed with a forebay (tight soil or lined) capable of containing an 8,000-10,000 gallon spill volume and 5-6 feet above water table, 4 feet above bedrock.
- Potential strategic groundwater monitoring should be considered.

For questions or more information, please contact the Aquifer Protection Area Program at 860-424-3040 or visit our website at www.ct.gov/deep/aquiferprotection.

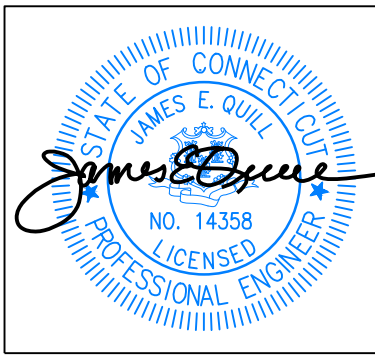
LEGEND

---	SAN	SANITARY LINE
---	G	GAS LINE



CT Department of Energy and Environmental Protection

7/7/2014



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PROPOSED DAIRY QUEEN
460 FARMINGTON AVENUE
BRISTOL, CT
PREPARED FOR
HASHIMI MANAGEMENT CORP.

Permit History

Job Number:

FE21-1663

Job Start Date:

09-14-21

CT DEEP BMP Notes	03/20/24
DOT Comments (1/30/24)	03/05/24
Staff Comments (12/23/21)	02/21/24
Staff Comments	12/07/21
Staff Comments	11/15/21
PZ Application	10/04/21

Drawn By: Checked By:
D.R.R. J.E.Q.

Sheet Title:

GRADING,
DRAINAGE &
UTILITY PLAN

Scale:

1"=20'

Sheet Number:

C-3.1



AQUIFER PROTECTION AREA REGULATORY DETERMINATIONS REPORT
(Determination Activity for the Period: March 1, 2024 to April 3, 2024)
Bristol Aquifer Protection Area Program
(Lower Whites Bridge/Upper Whites Bridge/and Mix Street APA)
April 8, 2024

Determinations of Regulatory Status made from March 1, 2024 to April 3, 2024

- 1) **Facility name:** Dairy Queen
Facility address/location: 454 Farmington Avenue
Number of potentially regulated activities being conducted at this facility: 0

Findings: No proposed activities.

Determination: The activity is *not* regulated.

Determination date: 3/13/24

- 2) **Facility name:** Bristol Adult Resource Center (B.A.R.C.)
Facility address/location: 621 Jerome Avenue
Number of potentially regulated activities being conducted at this facility: 0

Findings: An existing above ground heating oil tank is permitted. Applicant provided safety mechanisms and concrete pad to prevent spills.

Determination: The activity is *not* regulated.

Determination date: 3/7/24

Determination of Regulatory Status City of Bristol CT Aquifer Protection Area Program

OFFICE USE ONLY	
Form No.	2024-02
APA Name	UWB/LWB/MS
Date of Receipt	2/28/24
Determination	Not Regulated
Determination Date	3/5/24

This form will be used by the City of Bristol's Aquifer Protection Agency to

determine whether or not any of the activities currently being conducted on your property are subject to the regulatory requirements of the city's Aquifer Protection Area Program. Please complete this form and return it to:

City of Bristol Aquifer Protection Agency
c/o Land Use Office
City Hall, 111 North Main St.
Bristol CT 06010

Questions? Please call the city's Land Use Office at (860) 584-6225.

PART 1 (please print all responses)

Name of person completing this form: Shawn MacArthur

Name of business/facility: Bristol Adult Resource Center (BARC)

Address/location of business/facility: 621 Jerome Avenue, Bristol, CT 06010

Telephone # of business/facility: (860) 404-5865

E-Mail address of business/facility: shawn@advancedmechanicalct.com

(If business does not have an e-mail address, provide e-mail address of contact person)

Briefly describe the type of business(es) conducted at this address/location:

Heating oil tank for greenhouse furnaces.

No activities below apply.

PART 2

Check off [9] each activity below if it's currently being conducted at the business/facility identified in Part 1.

(A)	☐	Underground storage of oil, petroleum, or hazardous material; underground transmission of oil, petroleum, or hazardous material ☐ Underground storage tank containing #2 fuel oil
(B)	☐	Dispensing of oil or petroleum for retail, wholesale, or fleet use
(C)	☐	On-site storage of hazardous materials for wholesale sale
(D)	☐	Repair or maintenance of vehicles; repair or maintenance of internal combustion engines of vehicles (including boats, snow blowers and lawnmowers) ☐ Involves the use, storage, or disposal of hazardous materials (including solvents, lubricants, paints, brake fluids, transmission fluids, or the generation of hazardous wastes)
(E)	☐	Salvage operations of metal or vehicle parts
(F)	☐	Wastewater discharges to ground water other than domestic sewage and storm water
(G)	☐	Car or truck washing ☐ wastewater is disposed of through a legal connection to the public sanitary sewer
(H)	☐	Production or refining of chemicals
(I)	☐	Clothes cleaning service (dry cleaner); cloth cleaning service ☐ Involves the use, storage, or disposal of hazardous materials (including dry-cleaning solvents)
(J)	☐	Industrial laundry service ☐ Involves the cleaning of clothes or cloth contaminated by hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(K)	☐	Generation of electrical power by means of fossil fuels (e.g., power plants)
(LIST CONTINUES ON PAGE 2)		

(L)	☐	Production of electronic boards, electrical components, or other electrical equipment ☐ Involves the use, storage, or disposal of hazardous materials ☐ Involves metal plating, degreasing of parts or equipment, or etching operations
(M)	☐	Embalming or crematory services ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(N)	☐	Furniture stripping operations ☐ Involves the use, storage, or disposal of hazardous materials
(O)	☐	Furniture finishing operations ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(P)	☐	Storage, treatment or disposal of hazardous waste under a RCRA permit
(Q)	☐	Biological or chemical testing, analysis or research ☐ Involves the use, storage, or disposal of hazardous materials ☐ wastewater is disposed of through a legal connection to the public sanitary sewer
(R)	☐	Pest control services which involve the storage, mixing, or loading of pesticides or other hazardous materials
(S)	☐	Photographic finishing ☐ Involves the use, storage, or disposal of hazardous materials ☐ Wastewater is disposed of through a legal connection to the public sanitary sewer
(T)	☐	Production or fabrication of metal products, including metal cleaning or degreasing with industrial solvents, metal plating, or metal etching ☐ Involves the use, storage, or disposal of hazardous materials
(U)	☐	Printing, plate making, lithography, photoengraving, or gravure ☐ Involves the use, storage, or disposal of hazardous materials
(V)	☐	Accumulation or storage of waste oil, anti-freeze or spent lead-acid batteries as part of a recycling facility under a state DEP General Permit
(W)	☐	Production of rubber, resin cements, elastomers, or plastic ☐ Involves the use, storage, or disposal of hazardous materials
(X)	☐	Storage of de-icing chemicals for retail sale or for de-icing parking lots, access drives, etc. ☐ Such chemicals are stored in a weather-tight, water-proof structure
(Y)	☐	Accumulation, storage, handling, recycling, disposal, reduction, processing, burning, transfer or composting of solid waste under a state DEP permit (solid waste facility, landfill, transfer station, composting facility, processing center)
(Z)	☐	Dyeing, coating or printing of textiles; tanning or finishing of leather ☐ Involves the use, storage, or disposal of hazardous materials
(AA)	☐	Production of wood veneer, plywood, reconstituted wood or pressure-treated wood ☐ Involves the use, storage, or disposal of hazardous materials
(BB)	☐	Pulp production processes that involve bleaching

Check here ☒ if none of the activities listed in Part 2 above have been checked off, and proceed to Part 5 below.

PART 3

For each activity checked off in Part 2 that involves the use or storage of hazardous materials, indicate the activity's letter code and which of the following hazardous materials is used/stored as part of that activity.

	Activity Code: ____	Activity Code: ____	Activity Code: ____	Activity Code: ____
Solvents	☐	☐	☐	☐
Heavy metals	☐	☐	☐	☐
Petroleum products (inc. Used Oil)	☐	☐	☐	☐
Pesticides	☐	☐	☐	☐
Fertilizers	☐	☐	☐	☐
Road salt; other de-icers	☐	☐	☐	☐
Other (specify): _____	☐	☐	☐	☐

PART 4

Check off [9] all of the statements below that apply to the activities you checked off in Part 2.

- ☐ The activity is conducted at a residence without compensation.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity involves the on-site use or storage of not more than 2.5 gallons of each type of hazardous material at any one time and the total of all hazardous materials on-site does not exceed 55 gallons at any one time.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity is an agricultural activity regulated pursuant to Section 22a-354m(d) of the Connecticut General Statutes.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity satisfies ALL the following conditions:

1. The activity takes place solely within an enclosed building in an area with an impermeable floor.
2. The activity involves no more than 10% of the floor area of the building in which it takes place.
3. Any hazardous material used in connection with the activity is stored in such building at all times.
4. All waste waters generated by the activity are disposed of through a legal connection to the public sanitary sewer.
5. The activity does not involve (i) the repair or maintenance of internal combustion engines, including (without limitation) vehicles or equipment associated with such vehicles, (ii) the underground storage of any hazardous material, or (iii) the above-ground storage of more than 110 gallons of hazardous materials.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity solely involves the use of lubricating oil and satisfies ALL of the following conditions:

1. The activity does not involve the cleaning of metals with chlorinated solvents at the facility.
2. The activity takes place solely within an enclosed building in an area with an impermeable floor.
3. Any hazardous material used in connection with the activity is stored in such building at all times.
4. The activity does not involve (i) the repair or maintenance of internal combustion engines, including (without limitation) vehicles or equipment associated with such vehicles, (ii) the underground storage of any hazardous material, or (iii) the above-ground storage of more than 110 gallons of such lubricating oil and associated hazardous waste.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

- ☐ The activity involves the dispensing of oil or petroleum from an above-ground storage tank or tanks with an aggregate volume of not more than 2,000 gallons and satisfies ALL of the following conditions:

1. The activity takes place solely on a paved surface which is covered by a roof.
2. The above-ground storage tank (or tanks) is a double-walled tank with overfill alarms.
3. All associated piping is either above-ground or has secondary containment.

If you checked off more than one activity in Part 2, please indicate the letter code(s) of each activity this statement applies to:

PART 5

I hereby certify that this form has been completed to the best of my ability and that the information contained herein accurately represents the nature and extent of activities currently being conducted at the business/facility identified in Part 1 above which may be subject to the regulatory requirements of the city's Aquifer Protection Area Program.

Signature

Date

621 Jerome Ave. Aquifer Protection

