



December 1, 2023

Conservation Commission /
Inland Wetlands and Watercourses Agency
Town of Simsbury
Simsbury Town Offices
993 Hopmeadow Street
Simsbury, Connecticut 06070

Attention: Ms. Margery C.B. Winters, Chair

**RE: Cumberland Farms Site #812
155 Hopmeadow Street
Simsbury, Connecticut**

Dear Chairwoman Winters:

Please find attached the final Quarterly Report for 2023 on the site referenced above.

If you should have any questions, or require additional information, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "Arthur Johnson", written in a cursive style.

Art Johnson
Arthur.johnson@oneatlas.com
Atlas ATC

cc: Marty Hilfinger, Vice President Environmental Affairs, Cumberland Farms, Inc.

On November 22, 2023, an Atlas inspector conducted an Underground Storage Tank (UST) compliance inspection of the Cumberland Farms site located at 151 Hopmeadow Street in Simsbury, Connecticut (CFI Site #812). The inspection was performed for the purpose of:

- Determining the release detection compliance status of the petroleum storage tank systems in accordance with federal, state, and local requirements.
- Gauging tank pad monitoring/observation wells for presence of petroleum.

Atlas compiled the findings of this report from direct inspection of the storage tank equipment at the facility at the time of the inspection and review of pertinent records and information, including Automatic Tank Gauge (ATG) data and records provided by Site personnel.

EQUIPMENT OVERVIEW

Tank Equipment Summary:

Atlas collected all pertinent information related to the tank equipment during the facility inspection. The table below summarizes the UST equipment.

Tank #	AST/UST	Status	Capacity	Product	Install Date	SW/DW	Material	STP Sump	Overfill	RD Method
1	UST	IN USE	12000	RUL	2015	MULTICOMP TW	FRP	YES - DW BRINE	FLAPPER	INTERSTITIAL MONITORING
2	UST	IN USE	8000	SUL	2015	MULTICOMP TW	FRP	YES - DW BRINE	FLAPPER	INTERSTITIAL MONITORING
3	UST	IN USE	12000	RUL	2015	MULTICOMP TW	FRP	YES - DW BRINE	FLAPPER	INTERSTITIAL MONITORING
4	UST	IN USE	8000	DSL	2015	MULTICOMP TW	FRP	YES - DW BRINE	FLAPPER	INTERSTITIAL MONITORING

Notes: UST – Underground Storage Tank; RUL – Regular Unleaded Gasoline; SUL – Super Unleaded Gasoline; DSL – Diesel; Multicomp – Multicompartament tank; FRP – Fiberglass-Reinforced Plastic; TW – Triple wall; DW – Double wall

Piping Equipment Summary:

Atlas collected all pertinent information related to the piping equipment during the facility inspection. The table below summarizes the product piping equipment.

Line #	UGR/AGR	Dispensing Type	SW/DW	Material	CP Method	ID Type	STP Sump	STP Sensor	RD Method
1	UGR	PRESSURE	TW	FRP	N/A	ELECTRONIC PLLD	YES	YES	INTERSTITIAL MONITORING
2	UGR	PRESSURE	TW	FRP	N/A	ELECTRONIC PLLD	YES	YES	INTERSTITIAL MONITORING
3	UGR	PRESSURE	TW	FRP	N/A	ELECTRONIC PLLD	YES	YES	INTERSTITIAL MONITORING
4	UGR	PRESSURE	TW	FRP	N/A	ELECTRONIC PLLD	YES	YES	INTERSTITIAL MONITORING

Notes: UGR – Underground; TW – Triple wall; FRP – Fiberglass-Reinforced Plastic; PLLD – Pressurized Line Leak Detector.

Dispenser Equipment Summary:

The table below summarizes Atlas' findings relative to the characteristics of the dispenser equipment located at the facility.

Dispenser #	Type	Hoses	Disp. Sump	Disp. Sensor	Impact Valve	Breakaway
1/2	ELECTRONIC	2	YES	YES - DW BRINE	YES	YES
3/4	ELECTRONIC	2	YES	YES - DW BRINE	YES	YES
5/6	ELECTRONIC	2	YES	YES - DW BRINE	YES	YES
7/8	ELECTRONIC	4	YES	YES - DW BRINE	YES	YES

Notes: DW – Double-walled.

Automatic Tank Gauge (ATG) Summary:

This facility is equipped with Veeder Root TLS-450 ATG . At the time of inspection the ATG showed no alarms indicative of a release or potential release (Attachment I).

Release Detection Summary:

Atlas analyzed the current method of release detection and its current status. Below is a summary of the findings:

Monthly release detection is required on regulated USTs.

- Tanks 1, 2, 3 & 4 are tripled-walled tanks and therefore must use interstitial monitoring as the primary method of release detection. At the time of inspection all tanks were demonstrating a status of passing with the primary method of release detection. A review of the previous 6 months of release detection history for all tanks demonstrates passing records.
- The piping for lines 1, 2, 3 & 4 is tripled-walled piping and therefore uses interstitial monitoring, by way of sump sensors, as the primary method of release detection for the piping. At the time of inspection, all four STP sumps were not in alarm. A review of the previous 6 months of release detection history for all sumps demonstrates passing records.

Monitoring/Observation Well Summary:

The site has four tank pad monitoring wells. All four of the wells were gauged for the presence of petroleum on the day of inspection, November 22, 2023. The results indicated no presence of petroleum in any of the monitoring wells gauged.

REPORT SUMMARY

Based on the above summary and findings, Atlas found no compliance issues or deficiencies at this Cumberland Farms storage tank facility.

ATC appreciates the opportunity to assist Cumberland Farms with this project. All information, conclusions, and recommendations presented in this report are based on the status of the location on the date and time of the inspection conducted by Atlas staff. If you have any questions or concerns regarding the information presented here please do not hesitate to contact the undersigned at 508-373-3178.

Sincerely,

A handwritten signature in black ink, appearing to read "Art Johnson", with a stylized flourish at the end.

Art Johnson