

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment A – Minimization of Public Sector Involvement

Little Kamper exists because our parent company at the time, Kamps Propane, had a 20 lb. BBQ cylinder exchange company (Pick Up Propane) that started recycling 20 lb. propane cylinders back in 1998. Within a few years, Pick Up Propane got requests to recycle 1 lb. DOT 39 (single use) propane cylinders from some of the national parks in our area (Yosemite & Kings Canyon / Sequoia). After building a system to safely recover unused propane from the cylinders, Pick Up Propane began recycling 1 lb. DOT 39 propane cylinders in 2005. Gradually but steadily, the flow of 1 lb. propane cylinders became a flood. When Flame King introduced their 1 lb. 4BA240 (refillable and reusable) propane cylinder in 2013, we understood the hazardous waste problem created by the 1 lb. DOT39 cylinders and we decided to introduce a zero-waste 1 lb. propane cylinder exchange.



Cylinder waste from Yosemite Cylinder processing to capture unused fuel Little Kamper cylinder

Little Kamper exists to eliminate the waste created by single-use 1 lb. DOT 39 propane cylinders.

- We buy durable, reusable 1 lb. 4BA240 cylinders from the manufacturer
- We use an automated gas dispensing system to precisely fill, and safety test every cylinder
- We cap every cylinder with a reusable cap that is tethered to the cylinder to reduce waste
- We package and ship the filled cylinders via FedEx Ground to our retailers
- Our retailers sell, exchange, and return the used cylinders in the same packaging
- Used cylinders are inspected, cleaned, refilled and put back into service to reduce waste
- Damaged, or out of service cylinders are properly evacuated and scrapped for recycling
- Little Kamper has always paid for the recovery of our used cylinders

Little Kamper cylinder exchange is the safe and sustainable alternative to DOT39 1 lb LP cylinders.

- Little Kamper cylinders retail for \$21.99 (MSRP, prefilled and ready to use)
- Little Kamper cylinder exchange customers get a \$10 discount when they return a cylinder
- Our goal is to reduce waste by serving the customers who want sustainable products
- Reusing our cylinders is cost-efficient vs. buying new cylinders so we focus on re-use

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment A – Minimization of Public Sector Involvement continued

- Little Kamper cylinders are less than .001% of the 1 lb cylinder waste stream in CA
- We're not the source of the fuel cylinder waste problem, we're the solution

Here's how we'll minimize public sector involvement in the management of our cylinders

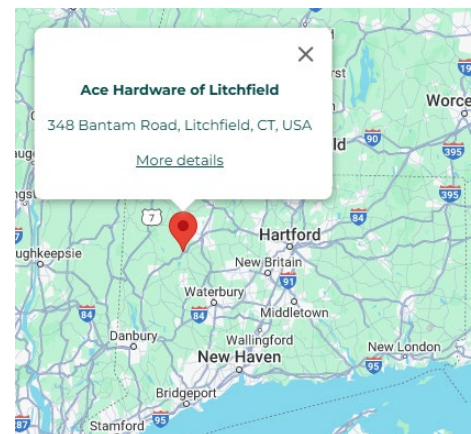
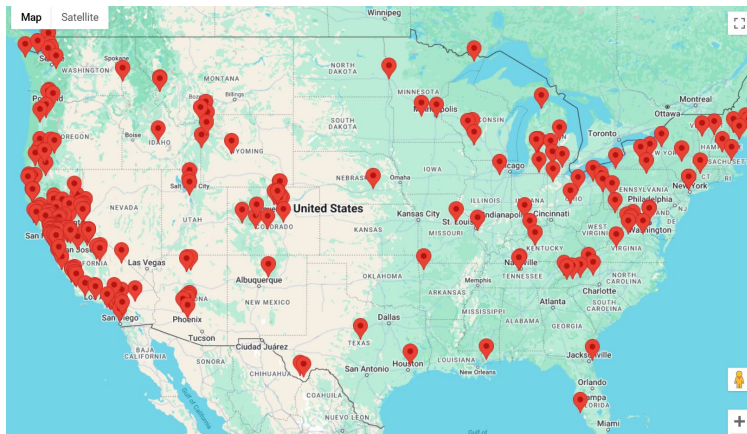
- Our goal is to recover and reuse (or recycle) 100% of our used cylinders
- Every Little Kamper retailer will accept our used cylinders for exchange or return
- We pay for the packaging materials and shipping to recover our used cylinders
- We'll pay for the recovery of cylinders from campgrounds, recycling and waste transfer sites
- We'll provide training and support for the sites that receive Little Kamper cylinders

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment B - Little Kamper Provisions for Receipt of Little Kamper Cylinders

Little Kamper began selling and exchanging our 1 lb cylinders in 2014 but our distribution into the New England states only began in 2023. We have not offered any discounts or incentives to Connecticut retailers or consumers because our philosophy is to manage our growth through response to sincere demand. We do not want to attract the wrong kind of retailers or consumers. Consequently, our waste stream impact is barely measurable. Given our small footprint in the state, we believe our existing collection infrastructure is sufficient to manage the lifecycle of Little Kamper cylinders.

- Little Kamper cylinders are sold and exchanged only through Little Kamper retailers
- Little Kamper cylinders are not sold on Amazon, or direct to consumers
- At this time, there is [one participating Little Kamper retailer](#) in Connecticut
- Little Kamper users typically return to their original retailer for exchange transactions
- We anticipate additional retailers will choose to participate in 2025 and beyond, so our collection infrastructure will expand with each new retailer location
- There is a QR code on our cylinder label that is linked to a map on our website that shows our customers where to find our retailers to exchange or return their used cylinders
- We'll pay for Little Kamper cylinder recovery from other sites (e.g., municipal HHW sites) as needed



Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment C - Provisions for Pick-Up of Little Kamper Cylinders

Like SodaStream, Little Kamper does not operate a fleet of vehicles for the delivery and recovery of our cylinders from our retailers. We have a Special Permit from the US DOT that allows us to ship our used DOT 4BA240 cylinders as Limited Quantity Dangerous Goods, in properly placarded, certified packages that meet the required DOT specifications. The Special Permit prohibits the shipment of our used cylinders from private citizens.

- Little Kamper cylinders are “In-service”, meaning they contain propane vapor even after use
- “In-service” propane cylinders are classified as dangerous goods (Hazard Class 2.1)
- Dangerous goods shipments require proper training to meet common carrier requirements
- Common carriers require dangerous goods shipments to originate from trained shippers
- We provide training to our return path shippers as required by our Special Permit

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment D – Provisions for the Transport and Management of Discard Cylinders

- Our cylinders will be transported by FedEx Ground from their collection points
- FedEx Ground will transport the cylinders in the shipping cases we provide
- Cylinders collected in Connecticut will be shipped to our Marshfield production facility
- 100% of the Little Kamper cylinders collected in Connecticut will be reused or recycled

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment E - Little Kamper Provisions for Processing Cylinders

The waste stream consequence of single-use fuel cylinders is operational, economical, and environmental. Little Kamper solves all of these problems with the highest order of circularity, reuse. Little Kamper is built on a simple premise – the end user must pay the actual cost for the fuel they use. Our goal is to Leave No Trace as a company.

- We reuse every cylinder that is in suitable condition and recycle every cylinder that is not
- Our cylinder caps are tethered to prevent them from becoming litter and we recover our tethered caps for reuse to reduce synthetic material waste
- Cylinders that are not suitable for reuse are mechanically evacuated prior to recycling
- All unused fuel is captured for reuse in the evacuation process
- Our recycling process recovers the steel cylinder shell and brass valve as scrap
- Our goal is to reuse 100% of the returned cylinders however our visual inspection standards and safety testing have prevented 1.7% of the returned cylinders from future use so far.

Little Kamper LP Gas Cylinder Stewardship Plan for CT

Attachment F - Little Kamper Goals for Years One and Two

In 2025, Little Kamper distribution in REI will expand from 10 stores to over 50. We will request that REI add the stores in West Hartford, Milford, and Norwalk so that we'll be able to partner with them to promote the waste-reduction benefits of Little Kamper. We do not have any specific plans to recruit retailers in Connecticut, however we will be happy to partner with CT staff to identify suitable locations and retailers for Little Kamper distribution.

In CA, we've introduced a partnership with Scouting USA called BSA Promise. BSA promise allows us to donate a case of Little Kamper cylinders to Scout Troops for their outdoor recreation needs. This is consistent with their Leave No Trace outdoor ethics training and practices. It also has a ripple effect as the Scouts have used a lot of 1 lb propane tanks in the past so moving them away from single-use tanks will have a significant long-term benefit in terms of fuel cylinder waste reduction. We'll reach out to our contacts at the Scouting USA headquarters in TX to see if we can do the same thing in Connecticut.

Our cylinders are designed and manufactured to be refilled and reused. The manufacturer sells a refill valve that is intended for end-user consumers to DIY refill their own cylinders. We're propane marketers and we don't support that practice, however, some of our cylinders are purchased by people who become DIY refillers. This leakage from our reuse program is impossible to measure, however we're investigating options that may allow us to prevent DIY refilling in the future.

- 100% cylinder recovery is our goal, in every state, every year
- 0 OSHA-reportable incidents related to Little Kamper is our goal, in every state, every year
- 99% reuse is our goal and we still need to improve on our current performance.
- 3 cycles per season is our goal for each cylinder (35 lifetime cycles per cylinder)

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Attachment G – Eligible Entities

Little Kamper has three national retail accounts – Ace Hardware, Do It Best Hardware, and REI. In Ace Hardware and Do It Best Hardware stores, the local store owner decides what products are sold. REI does all of their sourcing from their national headquarters. As we add stores to our distribution, these three partners are the most likely to participate.

When it comes to collecting, transporting, and processing Little Kamper cylinders,

- We will be happy to work with any public or private campground in CT
- We will be happy to work with any waste collection or recycling facility in CT
- We will provide the materials, training, and pay for the shipping of Little Kamper cylinders

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Attachments H-I – Promotion & Public Education for the Collection of Little Kamper Cylinders

Based on the Yosemite Conservancy Zero Landfill Initiative audit of the fuel cylinder waste stream in Yosemite National Park, Little Kamper tanks are likely to be less than .02% of the fuel cylinder waste stream in CT.

- We'll use our website and social media channels (FB, IG) to highlight our exchange process
- We'll work with our retailer partners to showcase the sustainability of Little Kamper
- We actively engage and partner with the State of CT to promote reuse and recycling
- We'll work with Scouting USA to encourage the Scouting Councils in CT to join BSA Promise