

Environmental Advisory
Council Meeting
Wednesday, October 2, 2019
5:30pm
City Hall, Meeting Room 3
165 Church Street, 2nd Floor
New Haven, CT

ENVIRONMENTAL ADVISORY COUNCIL MEETING WITH CLEAN HARBORS/SAFETY-KLEEN AGENDA



- I Brief Overview of Company
- II Brief Overview of Project
 - Purpose
 - Description
 - Benefits
- III New Haven EAC Request-Letter Dated September 18, 2019
- IV Questions and General Discussion



Mission



"Create a Safer, Cleaner Environment Through the Treatment, Recycling and Disposal of Hazardous Materials"



Company Snapshot



- In North America:
 - Largest hazardous waste disposal company
 - Largest collector, recycler and re-refiner of used oil
 - Leading provider of comprehensive environmental, energy and industrial services
- Top 20 largest private motor carriers
- More than 300,000 customers including a majority of the Fortune 500
- More than 14,000 employees
- More than 100 waste management facilities
- More than 450 service locations in the US, Canada, Mexico and Puerto Rico



CleanHarbor

Our Safety Culture

- Safety Starts with Me: Live It 3-6-5
- Voluntary Protection Program focus at facilities and InSite Services[®]
- Tracking and analysis of near misses
- Operationally driven programs
- Personalization of safety
- Behavior-based programs
- Daily safety messages
- Shared learnings







Sustainability

- More than 3.1 billion gallons of used oil processed in our re-refineries;
 Avoiding over 24 million metric tons of GHG
- Approximately 1 million parts washer services annually using recycled solvents and aqueous solutions
- 45 million pounds of paint reclaimed and recycled in 2017
- Facility Energy Conservation (FEC)
 Program at 350 facilities in partnership with Schneider Electric
- Fleet Management Program CNG/LNG vehicles, auto-idler systems, and more
- Refurbishment shops 80% of all materials are recycled



7.9 million metric tons of CO2 emissions avoided since 2013 by CFC destruction





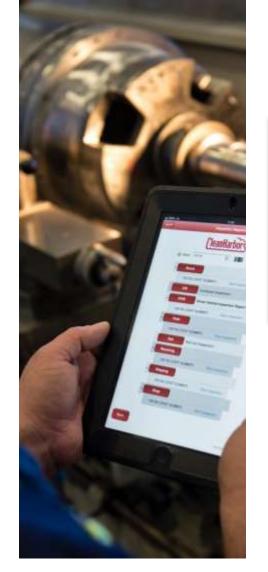






Compliance

We operate under the letter and spirit of the law so that we protect ourselves, our customers, and the communities and environments where we operate. We follow the strict protocols we have in place to ensure that we're following all regulations and requirements









Business Model

Gather Waste Perform Services

Transport Waste and Waste Oil

Transfer, Treat, Recycle and Re-Refine

Disposal

Technical Services

Industrial Services

Field Services

Energy Services

Safety-Kleen























Environmental Services

Broad Asset Infrastructure

- More than 100 Waste Management Facilities
 - 9 Incinerators
 - 11 Landfill Sites
 - 18 Treatment, Storage & Disposal Facilities (TSDFs)
 - 8 Solvent Recycling Facilities
 - 9 Wastewater TreatmentOperations
 - 9 Oil Accumulation Centers
 - 6 Re-refineries
- More than 10,000 Company Vehicles





Expansive Service Network



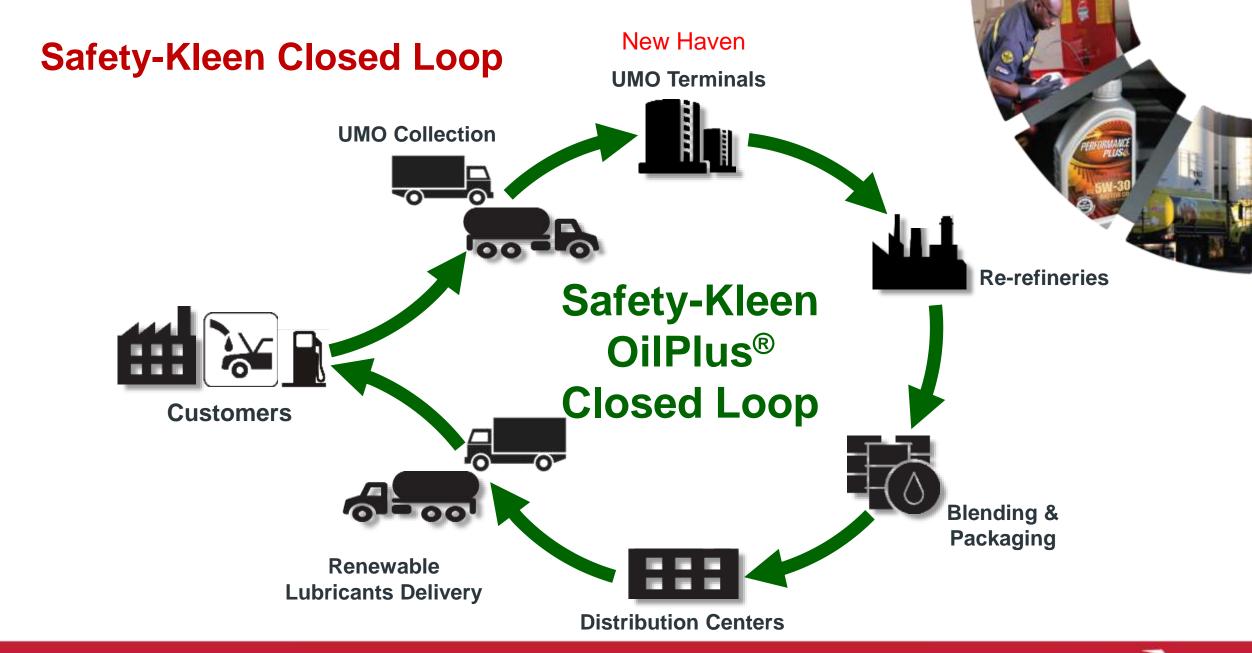


Safety-Kleen Overview

- Premier provider of environmentally-responsible products and services including used oil recycling and re-refining, parts cleaning and environmental services
- Largest collector, recycler and servicer of parts cleaning equipment and used solvent in North America
- Largest collector, recycler and re-refiner of used oil—collecting and processing more than 220 million gallons per year.
- Largest re-refining capacity in the world.
- Through a closed-loop system, SK can collect and re-refine most of it into new finished products for the marketplace.









120 Forbes Ave

Purpose

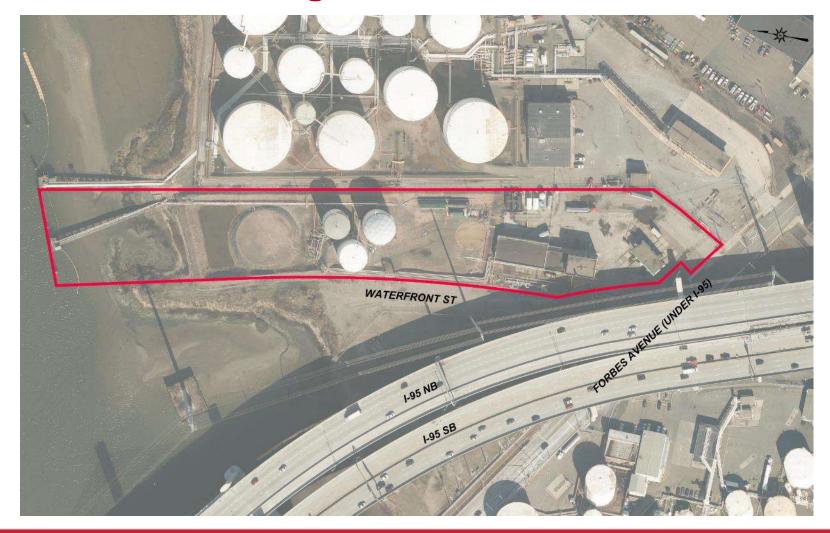
- Construct a rail spur, add additional shop fabricated tanks, and parking to increase the site's capacity and maximize the intermodal operations at the New Haven Facility.
- Collection, storage and distribution.
- Description
 - See following slides.
- Benefits
 - Reduce trucks on the road.
 - New jobs.
 - Added tax revenue for the city.
 - Enhanced security.
 - Quicker emergency response for spills in the river and surrounding area.







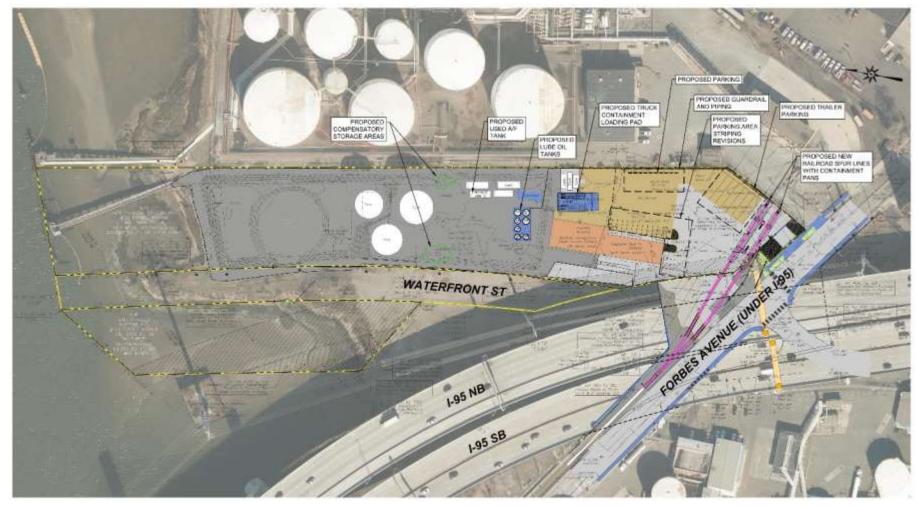
120 Forbes Ave. Proposed Plan-Existing Conditions







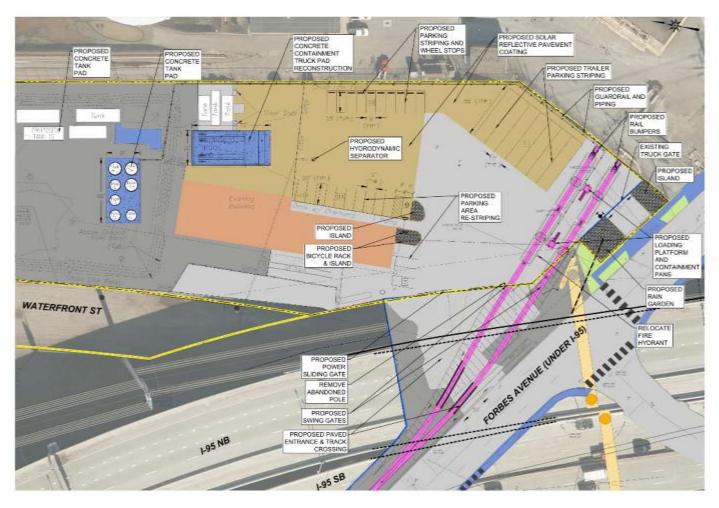
120 Forbes Ave. Proposed Improvements







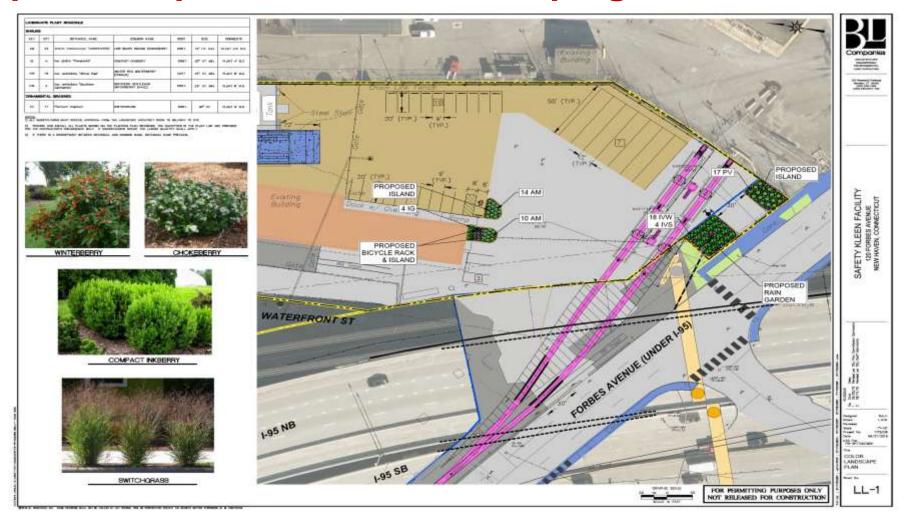
120 Forbes Ave. Proposed Improvements



- Increase function of the site and enhancement of water dependent use with the introduction of rail spurs
- Add tanks in existing tank farm
- Re-striping parking additional employees
- Add a bicycle rack
- Re-construction of an existing truck pad
- Solar reflective color paint to comply with site shading regulation
- New fencing and gates
- New stormwater improvements



120 Forbes Ave. Proposed Improvements-Landscaping





EAC and Safety-Kleen

- Clean Harbors/Safety-Kleen recognizes the responsibility to the environment and the community and is committed to working with all the stakeholders to minimize our impact while seeking to improve own operations.
 - In cooperation with the EAC, Safety-Kleen will consider and discuss:
 - Upgrade the landscaping at the entrance to the site and keep the site neat and clean of trash.
 - Participate in the city's 20/20 Campaign to cut emissions by 20% by the end of 2020.
 - Encourage employees to use public transportation.
 - Provide compensation for Waterfront Street.
- In additions to these commitments, Safety-Kleen will continue to develop information on our operations and use that information to target specific activities that can improve the company's environmental, social and economic impacts.





