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Clean Harbors Fire Public Inquiry
Preliminary Report
February/March 2023
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MESSAGE FROM THE COUNCIL PRESIDENT

March 8, 2023

The Braintree Town Council’s Clean Harbors Fire Public Inquiry Preliminary Report is a compilation of questions and concerns from Braintree residents and the Councilors who represent them. By its preliminary nature, this document is merely a starting place for shedding light on the industries that occupy Braintree’s Fore River Basin, for holding those industries and the agencies that oversee them accountable for the public health and safety of Braintree’s residents, and for creating information and documentation for the public that is easy to access and transparent. The questions and documents in this preliminary report are what the Council received through Friday, March 3, 2023, with one exception – a response to the Mayor from Clean Harbors, received on March 4, 2023. As answers to questions are received and as more documents are made available, this report will be revised.

I hope you find the contents herein useful and informative, and that this inquiry serves as the beginning of a comprehensive public health and safety plan for Braintree’s Fore River Basin neighborhoods.

Meredith Boericke
Town Council President, 2022-2023 term
SUMMARY OF EVENTS

“At approximately 10:00 pm on the evening of February 16, 2023, the Braintree Fire Department was dispatched to 1 Hill Ave (Clean Harbors) for reports of smoke and possible fire in the loading dock area. Several Braintree units responded to the scene, including the Hazmat Officer and staff from the Building and Health Departments. Additionally, representatives from Clean Harbors, the Department of Fire Services (DFS) State HazMat Team, Massachusetts State Police Fire Investigators, Massachusetts Department of Environmental Protection (MA DEP), the Coast Guard and Brewster Ambulance. Mutual aid companies from Quincy, Weymouth, Randolph and Holbrook were also on scene to provide assistance during the incident.

When units arrived on scene they observed an active fire and initiated efforts to keep the fire under control, including establishing water supplies and setting up several master stream operations surrounding the property. While suppression operations continued successfully, members of the DFS State HazMat Team and MA DEP continued to monitor the site and surrounding area.

The fire was controlled at approximately 1:00 am on Friday, February 17, 2023, and members of the Braintree Fire Department remained on site to ensure no further risk to the property and surrounding area.

There were no injuries reported as a result of the fire. In an abundance of caution, residents were asked to stay in their homes during the incident to allow the Fire Department to respond. Once the fire was under control, these precautions were no longer required. Clean Harbors, along with the DFS State HazMat Team and Coast Guard, conducted air monitoring at the facility and in the surrounding neighborhoods during the incident and again this morning and have confirmed that the air quality was, and remains, within normal parameters”.

*Mayor's Office, Town of Braintree press release February 17, 2023*
QUESTIONS FROM THE COUNCIL AND THE PUBLIC

HEALTH RISKS: AIR AND LAND QUALITY

1. Can an immediate and full health hazard evaluation of the Clean Harbors site and surrounding neighborhoods by the Massachusetts Departments of Public Health and Environmental Protection be requested to ascertain the cause and the possible consequences for human health of this event? 

2. Can an ongoing air quality, soil, and water testing program be established with the results of all of those tests published? Who is actually checking that the playgrounds our children play on, the vegetables we grow in our gardens, and the water that we swim in is safe from the chemicals that are being released every day from the industry sandwiched into the Fore River Basin?

3. Will the state hold clean harbors to their promise to replace people’s soil if contaminated by the toxic ash? When will this testing be conducted?

4. Can this investigation include the collection of samples of soot and surface soil, and an interrogation of all air quality monitors within the Fore River Basin?

5. Can sensitive individuals or those with high levels of exposure – such as firefighters and other emergency personnel -- have baseline health testing and follow-up? Who will fund this?

6. What chemicals/materials were burned and/or released to the environment and what were the quantities?

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1 These questions are a compilation of both spoken and written inquiries that came to the Braintree Town Council between February 16, 2023 and March 3, 2023. Similar questions have been combined for ease of answering and reading. Questions in “raw” form can be found in the appendix of this document. Questions that arrived to the Council after March 3, 2023 will be addressed in subsequent versions.
7. Why doesn't Braintree have more air quality monitors? ii Where are the current air quality monitors? ii Who is responsible for calibrating and checking them? ii How is this information used to protect residents? Where are the reports? ii

8. Can a collaborative approach from state officials to address and mitigate the industry-related health risks for the community as a whole, with special note of the environmental justice designations be established? i

9. What other compounds were in the waste methanol? iii

10. Exactly what chemicals and in what amounts are located at each facility in the Fore River Basin? i

11. Will there be a follow up by public health officials as to the possible harmful effects of the particulate matter spread by the fire? i
   a. Our Purple Air monitors and the DEP's monitor all picked up dangerously high levels of PM2.5 (particulate matter 2.5 microns) and VOCs (Volatile Organic Compounds) at the time of the fire. Whether or not the VOCs are of concern, the PM2.5 certainly is. Our communities have the right to know their exposure risks and if there are things they need to be watching out for with their health and the health of their children, loved ones, and even pets.

12. Are we now in contaminated land [East Braintree]? i

13. Is the current level of monitoring at the Basin sufficient to track the air pollution from non-point sources and point sources in the basin, in any wind direction, at any time, especially as the ozone issue is a transient one? Can we address how to assess this greater issue for the residents of Weymouth, Braintree and Quincy? i

14. When was the air monitor first on site [the night of the fire]? i

15. When will we receive the DEP results on air monitoring at and across the river from the site that night? i

16. Can Clean Harbors put up permanent air monitoring systems? iii How quickly can they be installed and who will have access to the data? iii
17. Please provide clarification on the actual deployment of air quality monitors on site during the incident timeframe. i
   a. How many meter readings were administered during the fire incident?
   b. Where were the meters located? Were they hand held or stationary, or both?
   c. Who was in control of the meter operations utilized during and after the event?
   d. Were meter readings administered during the entirety of the fire event?
   e. Has there been continuing monitoring of the expanded area around the Clean Harbors site, particularly in the abutting residential areas of the Fore River Basin?
   f. Is there an independent or DEP review of the hazardous material fire event regarding the air quality and monitor readings?

18. Is there a list of contaminants available? iii Can it be put on the Town’s Website? ii

19. Did Braintree know that combustibles were being stored in the trailers? ii
   a. Is there paperwork (Manifest) of the origin of these chemicals? iii
   b. Where did they come from? iii
   c. Where were they going? iii
   d. What are in the trailers? iii
   e. What quantity of chemicals are being stored? iii
   f. Why are they here? iii

20. Which jurisdiction does the monitoring of this site come under? i Is it health? Is it Building?

21. Is it compliant for Clean Harbors to store flammable toxic waste materials in vans that are parked near barrels full of fuel, which happen to be stored next to a gas tank farm? i

22. There was mention of the Coast Guard performing Air testing from the waterway nearby CHB’s facility. What air testing did they perform and how did they know to perform air quality testing? i

23. Air quality testing: Coast guard, DEP, Clean Harbors have all performed testing for toxins in the air. Is everyone working together on this? Is information being shared with each group? Who is receiving information in the Town and who is determining how testing is being performed? How do we know the correct tests are being used? i
AIR MODELING STUDY

1. What is an air modeling study? i

2. Can you characterize what you hope this study will identify or determine in particular? i

3. Has any progress been made toward hiring an appropriate firm to conduct the study? ii What credentials are being sought? Which agency (Town or State) will have oversight of a said firm?

4. How critical is the amount of elapsed time between when the fire took place and when the air modeling study begins to the overall accuracy of the study? i

5. How long will it take to complete the study? When will the data be released? i

6. Who will be responsible for explaining the implications of the study to residents who may not have a background in chemistry or environmental science? i

7. Depending on what the air modeling study shows, to what extent is Clean Harbors prepared to conduct clean-up efforts to mitigate toxic exposure to residents in the Fore River Basin? iii

BRAINTREE FIRE DEPARTMENT & HYDRANTS

1. When did the fire start? Who reported the fire and at what time? Was anyone from Clean Harbors on sight? ii

2. What kind of training experience qualifies a firefighter for the position of Hazardous Materials Officer? ii
   a. Why is there no formal training for the hazmat firefighter, who stated he learned on the job from his predecessor? ii

3. What is the role of the Hazardous Materials Officer? ii

4. Paragraph 1 on page 2 of the Fire Report states there was "difficulty finding a working hydrant", which "greatly hindered firefighting efforts". Why weren't the hydrants working? Who was responsible for the non-working hydrant(s) - the town or Clean
Harbors? What is the corrective action, when will it be corrected, and who is paying for it? ii

5. Was CH aware the hydrants were not working? Is there any communication with CH about the hydrants on an ongoing basis? iii

6. Are fines being imposed for non-maintenance of fire hydrants? ii

7. Can there be more fire hydrants installed on Hill Ave.? ii

8. Is there a large capacity water main on Hill Ave.? ii

9. Are there working hydrants at/near Quirk? ii

10. Which Department or agency is responsible for testing hydrants? ii When was the last time hydrants were tested in that area? ii

11. Placards on trailers melted so our Fire Dept didn’t know what was inside trailers. How does Clean Harbors explain this and what was the next step to determine what was in trailers since placards melted? iii

12. Who oversees the water department? Who ensures hydrants are checked/tuned/maintained on a regular basis? Where are the inspection reports for 2021 - 2022?

13. Where is the hydrant audit for the entire Town? ii

14. When will the Braintree Fire Department Headquarters renovation will begin in earnest and what is the timeline for completion? ii
   a. The Council has approved more than $12 million for the renovation over the last 5 years, what has occurred to date? ii

15. With the BFD HQ renovation outstanding, has the gear that was used at the hazardous materials fire been properly treated and/or cleaned to protect the fire fighters and station's living quarters? ii
   a. Does the gear used at the hazardous materials fire need replacing or is additional gear/equipment required? If so, who will be responsible for financing the replacement? ii
b. Can you please confirm all of our fire fighters have two sets of gear available at all times? ii

c. Do our fire fighters have access to high quality protective gear to fight these hazardous waste fires? ii

d. Why were there no firefighters wearing protective face coverings and air masks in any of the pictures from throughout the fire? ii

16. Is Clean Harbors reimbursing the Town for the cost of fighting this fire? iii

17. The fire Chief mentioned he had followed procedures that were developed in 2000. What is the reason there have been no updates to procedures in 23 years? What assurances do we have that our firefighters are learning and acting with the latest knowledge, technology, and advances in evidence-based practices?

18. Can you please provide a copy of any documentation regarding this issue and an explanation as to how any fire department should determine toxic air concentrations as they fight a hazardous material fire? ii
   a. How much liquid was in the trailers? iii

19. CHB discussed the capture of post-fire “surround and drown” (per Braintree Fire Department (BFD) Chief at the Meeting) water runoff. While there was a discussion (Meeting) of 15 each @ 22,000 gallon storage tanks, what is the high water saturation mark for this storage? iii If a future post-fire runoff exceeded the high water mark, what happens after that? iii

20. The fire was fought with water. Was this the best approach? What are the damages as a result of the wrong material used to fight the fire-to the ground, water, fire fighters, residents, etc

21. CHB mentioned there was a local CHB representative at the fire within minutes. Why then did BFD Personnel use water on a hazardous material that required something other than water? ii

22. Why is there no alternate means of fire suppression external to the brick and mortar buildings available for BFD? iii How often is the CHB internal fire suppression system analyzed? ii
GUIDELINES, PROCEDURES & PLANS

1. Can you please provide a copy of the Town's crisis communication plan and crisis response plan? ii

2. Where is the town's emergency plan? ii

3. Which Department(s) is responsible for overseeing the crisis response plans? How often are they reviewed and updated? ii

4. Who in the Town of Braintree oversees the storage, transport, use, disposal, and any other activities related to these substances? How frequent are these facilities inspected? Are these inspections announced or by surprise? ii

5. What is the role of BEMA? ii

6. Was there pre-planning or regularly scheduled readiness reviews involving Clean Harbors and the Town for Emergency Event responses and co-ordination? ii

7. Was Town Council leadership notified of the CHB fire on the evening of the actual fire? ii

8. Clean Harbors did not know what chemicals were in the trailers that caught fire. How is this possible? Where is the inventory of all trailers kept? Who has access to this at CH? What is the current inventory at CH? Is this inventory shared with the Town? If so, how is this done, who receives the inventory and how often? If this is not done, why not? What is the current inventory at CH? Who has reviewed this material in the Town? iii

9. What is Braintree's plan to evacuate the town? Where can residents locate the evacuation plan? ii
   a. Where is the evacuation route and where are the signs identifying the route?
   b. Have the following scenarios encompassed in the evacuation plan:
      i. How will someone with mobility issues evacuate?
      ii. Someone with pets?
      iii. Someone who is elderly, or caring for someone who is?
      iv. Someone with children and no transportation?

10. Has the Town ever performed a mock drill/response for residents? ii
a. How do residents know what to do and or where to go in the event of an emergency?
b. If an evacuation had been executed last week would residents have known the procedures/process?
c. Which Town Department would facilitate a mock emergency response event?
d. When was the last time there was a practice drill?
e. When is the next drill and who will it involve?

11. Are Braintree Public Schools practicing for evacuations in case there is an event at the compressor station? ii

12. When will the Basin communities--with assistance from the Massachusetts Emergency Management Agency--finally issue a comprehensive plan of safety, communication, and evacuation for our residents? i None of the communities issued a reverse 911 call during or after the fire.

13. Are there any actual chemists involved in the siting, permitting, regulating, inspecting, data collecting, and analyzing of Clean Harbors in particular, and the rest of the Fore River Basin in general? i

14. Why are Clean Harbors trailers being stored on Quirk property? iii
   a. Did Clean Harbors apply for a permit to store their equipment off their premises? iii
   b. Did Quirk apply for a permit to store trailers for Clean Harbors? ii
   c. Why is equipment for transporting hazardous waste being stored anywhere other than where they are permitted? i

15. Has the Board of Health (BOH) Director, the Health Department staff and/or members of the Board of Health attended formal trainings regarding emergency responses involving hazardous waste, chemical spills, chemical exposure and/or fires? ii
   a. Do we have an updated list of trainings attended by the Health Department staff and/or members of the BOH? ii
   b. Is the Director of the Health Department current in trainings and licensure? ii
   c. What are the dates and outcomes of direct involvement between the Braintree board of health and Clean Harbors? ii

16. What grant writing efforts have taken place to install more air quality monitors, soil testing, water testing, etc? If these tests haven’t take place, and there is no money to
conduct them, why are we proceeding without knowing the health risks to residents living in this area? ii

17. Why was the large brick building demolished before the permit was actually issued? iii Clean Harbors applied for the permit from the Town of Braintree and went ahead with the demolition, although as of the public hearing on Feb 28, 2023 the permit had not been approved. Is Clean Harbors building one new building or two? iii

18. Did Clean Harbors follow their own guidelines for storing these materials? iii If not, what guidelines were not followed? iii Could Clean Harbors and other industries in the Fore River Basin provide red-lined versions of their safety plans, operating procedures, etc.? iii Which agency has oversight to ensure compliance?

19. Why were trailers so close together? Who made that decision? What has been done so this doesn’t happen again? iii

20. In the event of a fire/spill/disaster at Clean Harbors, are there plans in place that alert the Compressor station and other businesses in the area immediately? If so, what are they? If no, I want to see a plan put in place. iii

21. When was the last inspection conducted at Clean Harbors and by whom? Are there copies of the inspection reports? iii

22. Was it permitted for Clean Harbors to leave hazardous waste inside trailers that are not secure and without fire protection? i

23. Does Clean Harbors have material data sheets onsite and posted on a “right to know” basis for all the chemicals/materials that were involved in this incident? iii
   a. How was this information was made available to the Braintree Fire Department and all potential first responders, before and during the fire? ii

24. To what extent does there exist documented guidelines to address air quality testing and potential hazardous airborne chemicals that have or may have the potential to be released into the air on the scene of a fire suppression response by Braintree Fire Department? ii

25. Can an independent safety study be done for the whole Fore River Basin? Which agency or entity should lead this effort? i
26. Which agency will lead or does lead the multi-town effort on safety and compliance? 
   a. If already established, how often are meetings held? Where are the minutes and documents pertaining thereto? 

27. Can documentation of security standards in place to protect Clean Harbors’ operations as part of Homeland Security measures be provided? What about the same for Citgo? 

28. Are there any records or documentation regarding any citations or deficiencies at any of the following industries: Clean Harbors, Tire Place on Wood Road, Transfer Station, Citgo Gas Tanks, etc. 

29. Which agency has regulatory oversight for performing compliance audits? 

30. Does BFD perform emergency drills with CHB at this location? Perhaps even a paper drill? 

31. In the Clean Harbors of Braintree (CHB) Contingency plan (Aug. 2022) it was noted the name of the Braintree Chief of Police was in error and listed Chiefs from years past. While the Town received an updated contingency plan Feb. 28, 2023 (with Chief updated) after the facility fire, the following questions apply: 
   i. How did the Police Chief oversight occur? 
   ii. How often is this document updated? 
   iii. Does CHB have a procedure for analyzing this, or is it just to complete a check box? 
   iv. Being administrative, what is the Town of Braintree’s oversight of this CHB plan? 

32. How often does CHB perform emergency drills at this location? When was this last completed? 

33. Was the Board of Health notified of the fire at the time of the fire? When were they notified afterwards? 

34. The Council was provided with photos of CHB vehicles and trailers located throughout the nearby Quirk property. Would the storage of these vehicles on that property: 
   a. Be considered an expansion of the licensed CHB facility?
b. If, as described by CHB (Feb 23 Council Meeting) the trailers that combusted contained unknown hazardous material, what are the chances these stored vehicles also contained unknown material?
c. If there is a response to item 5b, how would you know?
d. Was DEP and other state or federal agencies aware of the expanded storage of these vehicles?

35. What method does CHB employ to confirm contents of received hazardous material?
   a. Why would CHB not know whether this material was combustible or not?

36. Chief O’Brien mentioned (at the 2/28/23 meeting) that notifying Citgo (Tank Farm) personnel is a “mystery” (not an exact quote). Why does this situation exist and what is the Town’s response to this?

37. Why was a chemical fire fought with water and not foam? Did any of the responding units from any of the towns have trucks equipped with foam? Why was it not used or why not?

38. If the BFD was keeping the trailers cool, how do we know the destruction temperatures were reached and the majority of the VOC’s were vaporized and released at a destruction temperature?

PUBLIC NOTIFICATION

1. Why didn’t we get a robo calls to tell us to close our windows? What will change in the future?

2. Are the residents protected and informed regarding potential hazards, risks and response procedures?

3. When there is a fire involving hazardous materials, do we have a policy identifying which circumstances would trigger a broad public notification?

4. How is the extent of the danger to the public measured to determine a need to issue a public alert?
5. Do we have a town-wide emergency communication system to notify residents of any and all future situations, no matter the time or day? ii

6. Who informed Mayor Kokoros that the air was not safe to breathe, prompting his Facebook post at approximately 11 pm? ii Who determined the air was safe? ii What time did they determine this? ii Did they take into account any interferences posed by weather and smoke conditions when he reported the results of the 0.8 PPM max from the multirae multigas meter? ii

   a. Did DEP personnel or others take air samples to corroborate the reported results and are those analyses from the Town or the PRP available? If not why are they not reported and available on the database more than two weeks later? i

7. In the document mentioned in item 1, there exists the following:

   5.4 Fire Alarm and Control System
   The plant emergency alarm system will give an audible fire alert signal to all employees located onsite and will instantly alert the Braintree Fire Department by electronic means.

Several local abutting residents mentioned (Feb 28, 2023 Council Meeting (Meeting)) they had no idea of a fire at the facility. Several mentioned they had windows open.

Why would a resident living close to this facility not hear CHB’s audible alarm? Does an audible alarm exist onsite? Is there evidence this alarm was triggered? iii

WATER POLLUTION

1. Is there a gate or valve on the containment area that the water (used to extinguish the fire) was captured in? iii
   b. If so, was the gate closed before the fire or after the fire had started?
   c. Is there “lock out/tag out” procedures on the gate?
   d. Is it documented when the gate is opened and closed?

2. Can flows from this area discharge to a receiving water? iii

3. Can you describe the process that was used to prevent contaminated water from being allowed into the Fore River? ii
4. Did contaminated water from this area discharge to a receiving water? i

5. Is any part of this containment area pervious and/or structurally deficient? i

6. Residents were told the fire water was contained on site and recovered. By whom, and what methods were employed? iii
   a. Is there footage of that recovery operation?
   b. Clammers and eel fishers could be seen later that same day in the Basin, should notices or signs regarding any type of investigation into testing the quality of the water been put up?
   c. Should people or pets be swimming in or eating anything from that water directly following a blazing chemical fire? i

7. What will be (or has been) done with the water now that it has been collected? iii

8. Will the area/containment system used to collect the water be cleaned so that the next time that water collects through that system, there will be no residual contaminants accidentally discharged into the river? iii

9. What time was the storm water treatment system shut off?

10. How do you know you captured all the water? iii

11. How much floating product is sitting in the 400,000 gallons of water sitting on the site, how much of the released materials or toxic soot is dissolved into the water? iii

12. Can a water quality protection ordinance be introduced and supported? ii

13. The berms at Clean Harbors are 2.3 feet high, according to the CH, and can hold 10% of the tank content. If the berm holds 10% of the tank content, where does the other 90% go? iii

DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) i

1. Who is in charge of investigation?

2. Did CH violate their permits in any way through the handling of the material that let to the fire OR their actions regarding the fire.
3. A proliferation of industry polluters have been allowed to operate in the Fore River Basin by Mass state officials. What is the level of oversight on all these operations? Who is conducting sampling and using analysis equipment to address hazards on land, sea, and evaluating risks to human life, wildlife, the environment, businesses?

4. What inspections have taken place and what precautions are in place to prevent the next chemical fire from spreading to the Citgo gas tank farm, The Braintree Electric Light Department, the fertilizer processing plant, the MWRA, Twin Rivers, and the Enbridge compressor station?

5. What time did state personnel arrive at the site on the night of Feb 16? Who were they and what agencies did they represent? What specific methods of testing did they use? For how long?
   a. What role did DEP play? Who was there representing DEP and what time did they arrive?

6. Did MEMA respond to the fire in its official capacity? Did WEMA? Did BEMA? If not, why not? If yes, what was their official role?

7. When was the last time these industries updated their emergency evacuation and response plans, and who is responsible for making sure that happens?
   a. One of the current plans mentions Quincy Hospital, which ceased most of its operations in 2014, and ended its emergency room functions in 2019. Some of the emergency plans do not reflect the dangers of the compressor station, despite its completion in 2021.

8. Can you please provide me the methods, procedures and results of any information that was given to town officials that night on toxic air pollution concentrations?

9. Does the governor know that if more trailers were involved, especially the one with highly flammable fuel? This event could have been closer in scope to the East Palestine disaster?

10. Are you aware of NIH studies on air pollutants during combustion of building materials and the high readings of basic carcinogens like benzene, etc. that can occur in the air plume?
11. When DEP personnel declared safe the ambient air surrounding the firefighters upwind from the fire, did he caution the mayor that his assessment should only be applied to the firefighters and not for any Massachusetts citizens located downwind (I assume that would be in the southeast direction) and in harm’s way from the toxic cloud of smoke and VOC’s emanating from the fire?

12. Did DEP or others take samples from various parts of the toxic cloud, as close to the source as possible and during various times, especially when the fire was producing the most toxic smoke. This would also need to be in several residential locations immediate downgradient and not necessarily in East Braintree, possibly in the Idlewell or north Weymouth sections of Weymouth. Were these results relayed to the appropriate town officials in an expedient manner? Where is this information?

13. Has the DEP reviewed this incident, other incidents similar to this one, and the East Palestine, Ohio incident and modified its procedures and training for emergency personnel’s response to future incidents?

14. The DEP report states that based on “visual inspection” there was no firefighting water migrating off the property. However, the report also states a small amount of flowing municipal stormwater that was separate from the CH facility, and yet it was dry, warm weather that day and evening, so why would they assume flowing water next to the facility was not related and not contaminated?

15. Was there a significant amount of the liquid hazardous waste vaporized and released to the air or converted to possibly more hazardous substances in the floating ash?

16. Are there any studies on the open burning of hazardous solvents and paints? Could information from East Palestine be used to do some approximations?

17. Was the fire correctly reported to Coast Guard, EPA and DEP?

18. What is the role of the Massachusetts Department of Public Health as it pertains to toxic, carcinogenic threats to the Fore River Basin community?

19. Was Mr. Murphy [presumed DEP employee] at the Braintree town meeting the other night and available with permission from his supervisors to provide answers during the time allotted to the DEP for response to citizens’ concerns?

20. Did Mr. Murphy actually arrive at 11:30 pm? How long was that from when the fire first started or from the time the first alarm was sounded?
21. Was Mr. Murphy the DEP staff member that gave advice to the Braintree mayor and the chief that the air pollution emanating from the fire was safe to breathe? Please identify other DEP personnel present at the site that night.

22. Did Mr. Murphy or other DEP personnel onsite take into account any interferences posed by weather and smoke conditions when he reported the results of the 0.8 PPM max from his multirae multigas meter.

23. Did Mr. Murphy or other DEP personnel or the PRP take air samples to corroborate his results and are those analyses from him or the PRP available? If not, why are they not reported and available on the database more than two weeks later? May I please obtain results of any air samples taken per EPA approved sampling and analysis methods, ASAP.

24. When Mr. Murphy or other DEP personnel declared safe the ambient air surrounding the firefighters upwind from the fire, did he caution the mayor that his assessment should only be applied to the firefighters and not for any Massachusetts citizens located downwind (I assume that would be in the southeast direction) and in harm’s way from the toxic cloud of smoke and VOC’s emanating from the fire!

25. Did Mr. Murphy or others take samples from various parts of the toxic cloud, as close to the source as possible and during various times, especially when the fire was producing the most toxic smoke. This would also need to be in several residential locations immediate downgradient and not necessarily in East Braintree, possibly in the Idlewell or north Weymouth sections of Weymouth. Were these results relayed to the appropriate town officials in an expedient manner?

26. Has this practice of commingling incompatible hazardous wastes on a trailer been completely investigated for Clean Harbors and other transporters?

27. Has the DEP reviewed this incident, other incidents similar to this one and the East Palestine, Ohio incident and modified its procedures and training for emergency personnel response to future incidents?

28. Neighbors in N. Weymouth spoke of black soot running out of the drain spout and onto the lawn after the fire. Who is documenting and responding to this information?

29. Has this practice of commingling incompatible hazardous wastes on a trailer been completely investigated for Clean Harbors and other transporters?
CORRECTIVE ACTIONS/MITIGATION

1. What is the corrective action(s), for this incident, when will they be corrected, and which agency is responsible for ensuring compliance? 
   a. What steps are being taken as to the prevention of similar incidents, and as to how any environmental concerns are being addressed?
   b. When will we see a pro-active plan from Clean Harbors?

2. What agency will perform a root-cause analysis of this fire?

3. What compensation will the Town receive from these industries for the costs of protecting all aspects of the community from their operations?

4. What remediation does Clean Harbors recommend for their property and the public property impacted by fire?

5. Will there be a monitoring program to review safety/fire hazards with regular on-site visits with records of each visit at each of the industries, and including full disclosure to the public?
   a. Which agency will oversee this?

6. Which agency or entity will develop a regional plan/monitoring program that would know exactly what chemicals and in what amounts are located at each facility. Not just Clean Harbors but Citgo, Calpine, Twin Rivers, Enbridge compressor station, MWRA sewage treatment plant, Pelletizing Plant, and Sprague?

7. Is Clean Harbors reimbursing the town for the cost of fighting this fire? For the cost of planning efforts going forward?
DOCUMENTS

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CLEAN HARBORS FIRE REPORT 02-16-2023
# NFIRS-1 Basic

<table>
<thead>
<tr>
<th>A BRAintree Fire Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date: 02/16/2023 22:02:00</td>
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</table>

<table>
<thead>
<tr>
<th>B Street address</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Hill Ave</td>
</tr>
<tr>
<td>Braintree, MA 02184</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>C Incident Type: 132</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road freight or transport vehicle fire</td>
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</table>

<table>
<thead>
<tr>
<th>D Mutual aid received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Their FDID 1 State 3 Incident 0</td>
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<table>
<thead>
<tr>
<th>E Dates and Times</th>
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<tbody>
<tr>
<td>Alarm Time 02/16/2023 22:02:00</td>
</tr>
<tr>
<td>Time Out</td>
</tr>
<tr>
<td>Arrival 02/16/2023 22:05:00</td>
</tr>
<tr>
<td>Controlled 02/17/2023 01:46:00</td>
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<tr>
<td>Cleared 02/17/2023 02:39:00</td>
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<table>
<thead>
<tr>
<th>E_2 Shift and Alarms</th>
</tr>
</thead>
<tbody>
<tr>
<td>1N 1 3 0003</td>
</tr>
<tr>
<td>Shift Alarm District Alarm Box</td>
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</table>

<table>
<thead>
<tr>
<th>F Actions Taken: 11, 40</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Extinguishment by fire service personnel</td>
</tr>
<tr>
<td>2. Hazardous condition, other</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>G Resources</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suppression 10</td>
</tr>
<tr>
<td>EMS 0</td>
</tr>
<tr>
<td>Other 0</td>
</tr>
<tr>
<td>Personnel Not on Apparatus 0</td>
</tr>
<tr>
<td>Total Personnel 18</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>H Casualties</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fire Service 0</td>
</tr>
<tr>
<td>Civilian 0</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>J Property Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage, other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>K Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLEAN HARBORS OR BRAintree CLEAN HARBORS</td>
</tr>
<tr>
<td>OR BRAintree</td>
</tr>
<tr>
<td>1 Hill Ave</td>
</tr>
<tr>
<td>Braintree, MA 02184</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>L Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dispatched to above address for report of smoke loading dock area, possible fire.</td>
</tr>
<tr>
<td>Initial assignment included E3, E1, L2, with E4 and TL2 added to assignment due to known hazards of business.</td>
</tr>
<tr>
<td>En route, received update that visible fire/smoke conditions had been confirmed. Upon arrival, found series of 8 trailer units (detached from tractors), side by side, running perpendicular from loading dock area of Building number 6. Middle 2 trailers were fully involved, and fire spreading rapidly from D side to B (right to left) side of scene. Trailers were placarded, but due to smoke and fire conditions, initially unable to make any accurate determination of contents, beyond being hazardous/flammable.</td>
</tr>
<tr>
<td>E3 stretched a 1 3/4&quot; line and begin initial fire attack. Several explosions occurred from within one or more of the trailers, decision was made to pull further back to a safer distance while still attempting to keep fire under control. E1 arrived and established water supply into E3 from hydrant located on B side of scene. E1 stretched 2 1/2&quot; inch line from E3 and began suppression operations. As suppression operations continued, several more explosions occurred. C1 arrived on scene and upon learning more about possible chemicals stored within trailers, ordered all personnel further back from their current positions, and further ordered everyone involved the primary attack to ensure they were on breathing air via Scott packs.</td>
</tr>
<tr>
<td>TL2 set up master stream operations from A/D corner of scene (being fed from E3), while L2 setup master stream ops from A/B corner of scene (being fed 1000+ ft of supply line from the end of Hill Ave). E1 connected portable monitor to their 2 1/2&quot; line and placed in position to provide a curtain of water between the last 2 trailers on the B side, as information was learned indicating several thousand gallons of fuel to be in the last trailer.</td>
</tr>
</tbody>
</table>

Date: 02/17/2023 | Braintree Fire Department | Page: 1
Mutual Aid companies arriving: Quincy L1, Weymouth E3, Randolph Engine, Holbrook Engine

Quincy Ladder and Randolph Engine were sent to the adjacent parking lot on the B side of the fire scene. This lot was separated from the primary fire scene by a chain link fence and was also approximately 20' below grade, so there was no way apparatus could access the B side of the primary fire scene and initiate an attack from there. QL and RE attempted to establish master stream operations from this parking lot, but had difficulty finding a working hydrant and were unable to establish any suppression operations from that location, greatly hindering firefighting efforts.

As conditions improved, E1 was able to move into position on the D side of the scene, established water supply from hydrant in that area, and set up deck gun operations to reach the area between the rear of the trailers and loading dock area of Building 6. Weymouth E3 had been sent around to the rear of Building 6 to further assess from that side, but were unable to gain access through secure gate. Weymouth E3 then joined Braintree E1 and used their deck gun to supplement E1's suppression efforts from the same location.

Suppression operations continued successfully to the point State Hazmat Team could begin to take a closer look, and it was discovered that the wood floor of trailer 8 was still smoldering under some containment drums above where the rear tires had burned. E3's crew hooked up a handline from hydrant on B side and flooded the interior of the trailer until smoldering ceased. (Handline left in place for possible use by detail).

Fire detail hired, and TL2 remained on scene to continue wetting down. (Supply line from B side hydrant connected directly to TL2). Squad 1 also dispatched for detail.

3 lengths of 2 1/2" and 4 lengths of 1 3/4" line were determined to be possibly contaminated by water run off from suppression efforts, and not put back on E3. Supply line left for TL2 should also be considered contaminated.

Due to the nature of the facility (largest hazardous treatment and storage facility in New England), this incident should be considered an extremely hazardous one, and all members involved in suppression operations will be filling out exposure forms.

Other Agencies/Personnel requested or present:
BFD Capt Pistorino (HazMat)
DFS State HazMat Team
MSP Fire Investigators
Mass DEP
Clean Harbors representative
Braintree Building Dept representative
Braintree Health Dept representative
BELD
Mayor Kokoros
A-10 Incident Response Team
Brewster XRay unit

User: Walsh, Kevin 2/17/2023 04:24:41

<table>
<thead>
<tr>
<th>M</th>
<th>Richard Cleggett</th>
<th>Deputy Chief</th>
<th>INCIDENT</th>
<th>02/17/2023</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Officer In Charge</td>
<td>Rank</td>
<td>Assignment</td>
<td>Date</td>
</tr>
<tr>
<td></td>
<td>Kevin Walsh</td>
<td>Acting Lieutenant</td>
<td>COMPANY OFFICER</td>
<td>02/17/2023</td>
</tr>
<tr>
<td></td>
<td>Member: Making Report</td>
<td>Rank</td>
<td>Assignment</td>
<td>Date</td>
</tr>
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SS Special Studies

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<thead>
<tr>
<th>ID</th>
<th>Title</th>
<th>Entry Description</th>
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</thead>
<tbody>
<tr>
<td>9244</td>
<td>COVID 19 Discovery</td>
<td></td>
</tr>
</tbody>
</table>

Date: 02/17/2023

Braintree Fire Department
Incidents

2/17/23, 1:13 PM

Street Address: 1 Hill Ave, Braintree, 02184, Massachusetts, United States
Coordinates: 12mi

Braintree Fire Department was dispatched to above location for a fire in box trailers. Fire involving mixed cargo style trailers being used for short term storage and future transport. Three trailers completely destroyed prior to DFS Hazmat arrival. Two trailers partially involved while DFS Hazmat on scene. Rich Harrington (781-953-2674), Director of Operations for Clean Harbors, main concern was for trailer 1. Report from Rich Harrington trailer 1 contained approximately 75-55 gallon drums of highly flammable liquids and solids. Additional threatened trailers and fires being contained by FD on scene as directed by Braintree Deputy Richard Cleggett FDOIC. No structures threatened by fire or leak. The property is surrounded by a berm to prevent runoff into the Fore river from any leaks. Concern for Braintree FD was for air quality in the immediate area of fire origin. DFS Hazmat District 2 members deployed Q-Rae, Chempro100k, MultiRae for area monitoring. No reading changes noted from incident. Communications with DEP representative Bob Murphy, on scene 12:30 AM, also monitoring air finds .08 PPM VOC in immediate area, no other readings noted. With firefighting efforts being effective, fire was extinguished and hazard mitigated. Upon taking up to clear scene Commander McKibbin from the USCG arrived on scene and was briefed on incident and directed to DEP rep Bob Murphy.

D2 Team Leader Bowles.

***REVIEWED, READY FOR APPROVAL, 17 FEBRUARY 2023, N.J. AUBERT D-2.

On-Scene Coordinator: District 2
First Activation 22:35 16th Feb 2023 6 mins
+ 23 mins

All Manpower Set 22:58 16th Feb 2023 23 mins
+ 2 mins ago

America/New_York
On Scene 22:56 16th Feb 2023 21 mins
+ 4 hrs 16 mins
Termination 03:12 17th Feb 2023 4 hrs 37 mins

Responsible Party

Responsible Party Name: Clean Harbors
Responsible Party Address: 1 Hill Ave, Braintree, MA 02184

21K

21K Exemption Form Completed?: No

Impact

Threatened Area(s): Parking lot, adjacent trailers.
Evacuation(s): Industrial area, no evacuations. Area cordoned off by local law enforcement and restricted access.

Report Attachments

Are Additional Forms Attached to Report Site Layout (Streets, buildings, North, Wind direction, Topography, Important features and/or Apparatus placement), Sign 7:

In Sheet

Hazmat Action Plan

Incident Profile: Fire involving mixed cargo style trailer being used for short term storage. 3 trailers completely destroyed, 2 partially involved, additional threatened and fires being contained by FD on scene as directed by Braintree Deputy Richard Cleggett FDOIC. No structures threatened by fire or leak. The property is surrounded by a berm to prevent runoff from any leaks. D2 Team Leader Bowles.

Terrain/Environment: Parking lot, paved asphalt
Protective Equipment-ENTRY: USAR gear
Protective Equipment-DECON: none
Decon Method/Solution: none
Safety Zones-HOT: Trailer parking/loading dock area
Safety Zones-WARM: perimeter of parking lot
Resources-HAVE: Braintree Fire/ Brewster Ambulance, Randolph fire, Quincy fire, Holbrook fire, MSP, MassDEP, Braintree BOH, USCG, Clean Harbors Director of Operations

https://mdfdistrict2.d4h.org/team/incidents/view/594211

1/8

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 26
Resources-NEED: none
Operational Objectives: Monitor air
Air Monitoring-AREA: Q-Rae, Chempro 100, MultiRac
Air Monitoring- DOWNWIND: Q-Rae, Chempro 100, MultiRac
Communications- Officer/Staff Channel: ENTRY 1A
Communications-Entry Channel: ENTRY 1A
Communications-Other Channels in Use: 1
Spill/Release: unknown
Mitigation Action Taken: Air monitoring

Site Safety Plan

Chemical: See hazmat tab and attachments
Hazards & Routes of Exposure: Fire, additional containers threatened by fire, release of contaminated water into borrow area
Site Hazards: Dark, hilly terrain, water/irrigation, limited access roads, hills
Emergency Procedures: Hand Signals, Evacuation Signal, Evacuation Routes, Safe Refuge Areas
EMS: Brewer
Hospital(s): South Shore Hospital, 55 Fogg Rd., Weymouth MA. 02190
Rehab: Brewer Ambulance

Tags

Incident Type | Response Actions | Tier Level
--- | --- | ---
AM - Air Monitoring | Air Monitoring | Tier 1
CH - Chemical | Damage Assessment |
OS - Operational Support | Hazard / Risk Assessment |
TR - Threat of Release | Situation |

Weather

Wind: SE 1 m/s
Air Temperature 48 °F

Hazmat

Incident Type: -
Property Type: -

Materials Involved

Methyltetrahydrofuran
Physical State: -
Behavior: Burning or On-Fire

Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: -
Container Markings: -

Acetone
Physical State: -
Behavior: Burning or On-Fire

Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: -
Container Markings: -

2-Methoxyethanol
Physical State: -

https://mdfsdistrict2.d4h.org/team/incidents/view/594211

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: -
Container Markings: 

Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: -
Container Markings: 
UN1325 Flammable solids, organic, n.o.s.

Behavior: Threatened by Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: -
Container Markings: 
Aliphatic Hydrocarbons

Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 165 gal
Container Markings: 
UN1992 Flammable liquid, toxic, n.o.s. (Methanol, methylene Chloride)

Behavior: Threatened by Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: 1420 gal
Container Markings: 
Ethyl Alcohol, Hexane

Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: 310 gal
Container Markings: 
Waste Gasoline UN1203

Behavior: Threatened by Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 300 gal
Container Markings: 
UN1993 Waste Gasoline, Benzene

Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: 600 gal
Container Markings: 

https://mdfsdistrict2.d4h.org/team/incidents/view/594211
Incidents

NA3082 Harm Waste, Liquid, n.o.s, Lead, Chromium

Physical State: Solid
Behavior: -
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 240 lb
Container Markings: -
Waste Paint
Physical State: Liquid
Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 210 gal
Container Markings: -
Waste Gasoline
Physical State: Liquid
Behavior: Threatened by Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 210 gal
Container Markings: -
Waste Paint
Physical State: Liquid
Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 1450 gal
Container Markings: -
Waste Paint
Physical State: Solid
Behavior: -
Quantity Released: No Release
Container Type: Portable Container -
Capacity: 1450 lb
Container Markings: -
Waste Xylene, Methanol
Physical State: Liquid
Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: 1660 gal
Container Markings: -
Material 18
Physical State: Liquid
Behavior: -
Quantity Released: No Release
Waste Methanol
Physical State: Liquid
Behavior: Burning or On-Fire
Quantity Released: No Release
Container Type: Portable Container (Drum)
Capacity: -

https://mrfisdistrict2.d4h.org/learn/incidents/view/5942111
Incidents

Container Markings:
- Waste Cyclohexanone, Propylene Glycol, Monomethyl Ether Acetate
  Physical State: -
  Behavior: Burning or On-Fire
  Quantity Released: No Release
  Container Type: Portable Container (Drum)
  Capacity: -

Waste Alcohols
- Physical State: Liquid
  Behavior: Burning or On-Fire
  Quantity Released: No Release
  Container Type: Portable Container (Drum)
  Capacity: -

Container Markings:
- Isopropyl Alcohol, Mineral Spirits
  Physical State: Liquid
  Behavior: Burning or On-Fire
  Quantity Released: No Release

MEK
- Physical State: Liquid
  Behavior: Burning or On-Fire
  Quantity Released: No Release

Glycerin
- Physical State: Liquid
  Behavior: Burning or On-Fire
  Quantity Released: No Release
  Container Type: Portable Container (Drum)
  Capacity: -

Samples
No Samples

Air Monitoring
No Air Monitoring

Persons Involved

| OTHER
| Person Involved

Vehicles Involved

0 VEHICLES

https://mfdistrict2.d4h.org/team/incidents/view/594211
Incidents

2/17/23, 1:13 PM
No Vehicles Involved

Attendance

- All Requested
- Confirmed

6
ATTENDEES
5
ABSENT
55%
ATTENDANCE
27.7
PERSON HRS

Attendance Selective

A:
Attended

BALL David 2971, Tech
BOWLES Patrick 2775, Tech, Bio
GUILFOY Ryan 2888, Tech, Bio
HARDING Matthew 2926, Tech
PALARDY Robert 2974, Tech
YULE Jonathan, Tech

A:
A Absent

DISPENA Christian 2890, Tech
HANATIN Gerard 2973
LEVESQUE Eric 2922, Tech
MEAGHER David 2887, Tech, Bio
PURCELL Stephen 2908, Tech, Bio

Show 100 entries

View All Equipment
Equipment, Vehicles, & Supplies

111bs 5oz
TOTAL WEIGHT
12
TOTAL ITEMS

Print PDF
Air Monitoring

1 Chempro100i
4 Four Gas Detector
1 Multi Rae Pro
Communication
6 Portable Radio

Environics Chempro 100i
Rae Systems QRAE 3
Rae Systems Multi Rae Pro
Motorola APX6000 Model 1 W/Mic

Other Resources Involved

- ON-SCENE
- RESPONSE TIME
Braintree
Fire Dept
Actions Taken:
- ON-SCENE

https://mofsdistrict2.d4h.org/team/incidents/view/594211
Incidents

Response Time

Braintree Police Department
Police Department
Actions Taken: -

ON-SCENE

RESPONSE TIME

Holbrook
Fire Dept
Actions Taken: -

ON-SCENE

RESPONSE TIME

Massachusetts Department of Environmental Protection (MassDEP)
State of Massachusetts
Actions Taken: -

ON-SCENE

RESPONSE TIME

Quincy
Fire Dept
Actions Taken: -

ON-SCENE

RESPONSE TIME

Randolph
Fire Dept
Actions Taken: -

ON-SCENE

RESPONSE TIME

US Coast Guard
Federal

Notified by Braintree FD

Actions Taken:
Cmdr McKeehan reported to T21

Incident Attachments

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<tr>
<th>Title</th>
<th>File Size</th>
<th>Last Updated</th>
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<tr>
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<td>2.89 MB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Trailer 1 Manifest (Clean Harbors trailer 320545)</td>
<td>12.66 MB</td>
<td>17th Feb 2023</td>
</tr>
<tr>
<td>Trailer 2 Part 1</td>
<td>10.39 MB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Sign in Sheet</td>
<td>209 KB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Braintree 021623 Dispatch</td>
<td>111 KB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Braintree 021623 IAR</td>
<td>318 KB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Braintree 021623 IAR Alerts</td>
<td>511 KB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Trailer 2 Manifest (Clean Harbors trailer 6365)</td>
<td>5.44 MB</td>
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https:// rndfdistrict2.d4h.org/team/incidents/view/594211
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</thead>
<tbody>
<tr>
<td>Trailer 3 Manifest (Clean Harbors trailer 6002)</td>
<td>864 KB</td>
<td>17th Feb 2023</td>
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<tr>
<td>Trailer 4 Manifest (Clean Harbors trailer 205006)</td>
<td>864 KB</td>
<td>17th Feb 2023</td>
</tr>
<tr>
<td>Scratch notes</td>
<td>229 KB</td>
<td>17th Feb 2023</td>
</tr>
<tr>
<td>Braintree FD fire report</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CLEAN HARBORS STATEMENT 02-16-2023
Clean Harbors Statement on Braintree Facility Fire

Clean Harbors thanks the Braintree Fire Department and other local first responders for their rapid and comprehensive response to the fire that occurred at our Hill Avenue facility late Thursday night/early Friday morning. Clean Harbors coordinated with safety personnel, the State DEP and the Braintree mayor’s office, to ensure the safety of the local community. We are grateful that no one was injured in this incident.

Our company is strongly committed to protecting public health and the environment in Braintree, which is one of our hometowns – a place where members of our team not only work, but also live.

Though the fire was resolved by 1 a.m. Friday; both during and immediately after the incident, air monitoring at the facility and in the surrounding neighborhood was conducted by Clean Harbors and emergency responders. All tests indicated that the air quality was within normal parameters.

The cause of the fire remains under investigation at this time. The fire was limited to several trailers that were parked at the facility. Preliminary indications are that the materials in one of the trailers self-reacted. The trailers contained a mixture of paints, epoxy, oil filters, solvents and similar waste materials. None of the buildings on the property were impacted.

Water used in the fire response was contained on site and will be removed over the course of the weekend. Out of an abundance of caution, the company deployed containment equipment in the adjacent waterway although there is no indication of water contamination at this time.

We will continue working closely with the mayor’s office and state authorities as we complete our investigation.

"People and Technology Creating a Safer, Cleaner Environment"
**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Site Cleanup*  
**RELEASE AMENDMENT FORM**

<table>
<thead>
<tr>
<th>BWSC 102</th>
</tr>
</thead>
<tbody>
<tr>
<td>Release Tracking Number</td>
</tr>
</tbody>
</table>

**A. RELEASE OR THREAT OF RELEASE LOCATION:**

1. Release Name/Location Aid:  
   CLEAN HARBORS RECLAMATION FACILITY  

2. Street Address:  
   1 HILL AVENUE  

3. City/Town:  
   BRAIN TREE  

4. ZIP Code:  
   021840000  

**B. THIS FORM IS BEING USED TO: (check all that apply)**

1. Date of Response(s):  
   2/16/2023  

2. Start Time:  
   11:30  

3. (mm/dd/yyyy)  
   (hh:mm)  

- [ ] AM  
- [ ] PM  

2. Record Field Visits:  
   - [ ] a. Initial Compliance Field Response – Announced  
   - [ ] b. Initial Compliance Field Response – Unannounced  
   - [ ] c. Compliance Field Response – Announced  
   - [ ] d. Compliance Field Response – Unannounced  
   - [ ] e. Follow-up or Other Field Response  
   - [ ] f. Field Response - Direct Oversight  

3. Record an Activity:  
   - [ ] a. Follow-up Office Response  
   - [ ] b. Meeting with PRP or PRP Representative  
   - [ ] c. IRA Assessment Only  
   - [ ] d. IRA Written Plan Approved  
   - [ ] e. IRA Oral Plan Approved  
   - [ ] f. IRA Written Plan Denied  
   - [ ] g. Imminent Hazard Termination Approved  
   - [ ] h. IRA Oral Modified Plan Approved  

4. Record IRA Activities (also complete Section D, if applicable):  
   - [ ] a. IRA-D Work Started  
   - [ ] b. IRA-D Assessment Only  
   - [ ] c. IRA-D Work Completed  
   - [ ] d. IRA-D Modification Plan Recorded  

5. Record IRA Department (IRA-D) Oversight Activities:  
   - [ ] a. IRA-D Work Started  
   - [ ] b. IRA-D Assessment Only  
   - [ ] c. IRA-D Work Completed  
   - [ ] d. IRA-D Modification Plan Recorded  

6. Record URAM Activities:  
   - [ ] a. Notice of Intent to Conduct a URAM  
   - [ ] b. URAM Work Started  
   - [ ] c. URAM Notification of a Previously Existing RTN  

7. Correct or Add **Data to WSC Database** otherwise not specified on this form. (Record in Section F)  

8. Identify or Update a **PRP or Other Person Associated with Release** (Fill out Section C)  

9. **Record Other Staff Activities** not specified above. (Record in Section F)  

---

Revised: 07/19/2013  
Page 1 of 3
C. PRP OR OTHER PERSON ASSOCIATED WITH RELEASE:

1. Check all that apply: □ a. change in contact name □ b. change of address □ c. new person associated with release

2. Name of Organization: ____________________________

3. Contact First Name: JAMES KEITH 4. Last Name: SULLIVAN

5. Street: 101 PHILIP DRIVE 6. Title: ____________________________


10. Telephone: 7817925817 11. Ext: 12. EMail: sullivan.james@cleanharbors.com

13. Relationship of Person to Release: □ PRP ✓ OTHER c. Type(e.g. Current Owner): Licensed Site Professional

□ 14. No Person associated with activity specified in Section B.

D. ENTER ORAL RESPONSE ACTION PLAN (if applicable): (check all that apply)

□ 1. Assessment and/or Monitoring only □ 6. Temporary Evacuation or Relocation of Residents

□ 2. Temporary Covers or Caps □ 7. Product or NAPL Recovery

✓ 3. Deployment of Absorbent or Containment Materials □ 8. Fencing and Sign Posting


□ 5. Structure Venting Systems □ 10. Soil Vapor Extraction

✓ 11. Check here if modifying amount of authorized excavated soils:

Amount not to exceed 50 ____________________________ ✓ cubic yards □ tons

✓ 12. Other Response Actions

Describe: COLLECT FIRE FIGHTING WATER AND CHARACTERIZE FOR FURTHER PROCESSING.

E. MassDEP STAFF AND FORM PREPARER:

1. MassDEP Staff: MURPHY BOB □ b. Check here, if Unassigned (or staff name not applicable)

2. Preparer Signature: ROBERT MURPHY 3. Date: 2/23/2023 (mm/dd/yyyy)

Revised: 07/19/2013
F. DESCRIPTION OF ACTIVITIES RECORDED BY THIS FORM:

INSPECTED LOCATION AND COORDINATED ON-SITE WITH THE BRAINTREE FIRE DEPT., MEMBERS OF HAZMAT TM PRESENT, A CLEAN HARBORS (CH) LSP AND PRP REPS. A FIRE STARTED AT THE FACILITY WHERE 3-5 TRAILERS CONTAINING VARIOUS FLAMMABLE WASTE MATERIALS CAUGHT FIRE. THE SOURCE OF THE FIRE IS UNKNOWN. AT THE TIME OF THE INSPECTION, THE BRAINTREE FIRE DEPT., WAS DEPLOYING A LARGE AMOUNT OF FIRE FIGHTING WATER TO THE TRAILERS THAT WERE ACTIVELY BURNING. NO FIRE FIGHTING FOAM WAS USED IN THE FIRE FIGHTING EFFORT. THE FIRE CREATED SMOKE IN AMBIENT AIR AND A LARGE AMOUNT OF IMPACTED FIRE-FIGHTING WATER WHICH MIGRATED TO A LOWER LYING AREA BEHIND THE FACILITY.

MASSDEP ER PERSONNEL CONDUCTED AIR SCREENING IN CLOSE PROXIMITY TO THE FIRE USING A MULTIRAE PRO MULTI-GAS METER. CONCENTRATIONS OF VOLATILE ORGANIC COMPOUNDS (VOCs) AND SPORADIC DETECTIONS OF CARBON MONOXIDE (CO) WERE DETECTED: VOCs - UP TO .6PPM, CO - .1PPM (SPORADIC). WINDS AT THE TIME WERE LIGHT FROM THE NW.

INSPECTION OF THE REAR PORTION OF THE PROPERTY REVEALED THE PRESENCE OF A SIGNIFICANT AMOUNT OF ACCUMULATED FIRE-FIGHTING WATER. CH FACILITY PERSONNEL NOTED THAT THE LOWER LYING AREA IN BACK OF THE PROPERTY HAD BERMS CONSTRUCTED IN ORDER TO CONTAIN ANY IMPACTED STORM WATER. REPORTEDLY, THE ACCUMULATED STORMWATER WOULD BE TREATED AND DISCHARGED AS PER EPA PERM. THE ACCUMULATED FIRE FIGHTING WATER HAD A LARGE AMOUNT OF BURNT DEBRIS IN IT ALONG WITH Floating OIL PRODUCT. IT WAS AGREED THAT THIS WATER WOULD BE COLLECTED AND STORED IN FRACTION TANKS PENDING CHARACTERIZATION AND SUBSEQUENT DISPOSAL. AT THE TIME OF THE INSPECTION, NO FIRE FIGHTING WATER WAS OBSERVED TO BE MIGRATING OFF THE PROPERTY. VISUAL INSPECTION OF FORE RIVER SURFACE WATER IN THE ABUTTING FORMER DRY DOCK AREA DID NOT REVEAL THE PRESENCE OF ANY FLOATING OIL PRODUCT. A LARGE MUNICIPAL OUTFALL LOCATED JUST EAST OF THE DRYDOCK, THAT WAS REPORTEDLY NOT CONNECTED TO THE CH FACILITY HAD A SMALL AMOUNT OF FLOATING MUNICIPAL STORMWATER. THE STORMWATER APPEARED CLEAR AND FREE OF ANY IMPACT.

APPROVED IRAS: PRODUCT RECOVERY, SURFICIAL CLEANUP ASPHALT, 50 CUBIC YDS SOIL REMOVAL IF REQUIRED AND ASSESSMENT.

☐ Check here if additional information is provided in an attachment.
CLEAN HARBORS FIRE - CONTAINER MANIFEST 02-17-2023
**Generator Acknowledges that no material change has occurred either in the characteristics or in the process generating the material.**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>2. Page 1 of 2</th>
<th>3. Emergency Response Phone</th>
<th>4. Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD 008 44 498</td>
<td>2</td>
<td>(800) 483-3718</td>
<td>017863419</td>
</tr>
</tbody>
</table>

5. Generator Name and Address:
   - Rofini and Hase Electronic Materials LLC
   - 455 Forest Street
   - Marlborough, MA 01752
   - Generator's Phone: (508) 223-7342
   - ATTN: Ted Karvadas

7. Transporter 1 Company Name:
   - Clean Harbors Environmental Services, Inc.

8. Transporter 2 Company Name:
   - U.S. EPA ID Number: MAD 039 322 250

8a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)):

<table>
<thead>
<tr>
<th>Container</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. UN 1230, WASTE METHANOL SOLUTION, 3, PG II</td>
<td>Dm</td>
<td>750</td>
<td>DO01, FO03</td>
</tr>
<tr>
<td>2. RQ, UN 1993, WASTE FLAMMABLE LIQUIDS, N.O.S.</td>
<td>Dm</td>
<td>5400</td>
<td>DO01, FO03</td>
</tr>
<tr>
<td>3. RQ, UN 1993, WASTE FLAMMABLE LIQUIDS, N.O.S.</td>
<td>Dm</td>
<td>1350</td>
<td>DO01, DO03, FO06</td>
</tr>
<tr>
<td>4. UN 1993, WASTE FLAMMABLE LIQUIDS, N.O.S. (PROPYLENE GLYCOL MONOMETHYL ACETATE), 3, PG III</td>
<td>B</td>
<td>7250</td>
<td>DO01</td>
</tr>
</tbody>
</table>

10. Total Population: 11,900

12. U.S. EPA ID Number: MAD 039 322 250

13. Waste Code: DO01, FO03, DO01, DO03, FO06

14. Certification of Generator:
   - I certify that each of the statements and representations made by me in this manifest are true and accurate to the best of my knowledge and belief.
   - Signature: [Signature]
   - Date: [Date]

15. Certification of Transporter:
   - I certify that I have received the manifest and that the contents of the consignment have been completed and signed by the generator.
   - Signature: [Signature]
   - Date: [Date]

16. Discrepancy:
   - Discrepancy Indication Space: [ ]

   - Code: H061

18. Designated Facility Owner or Operator: Certification of Generation:
   - Signature: [Signature]
   - Date: [Date]
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>RQ. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (XYLENE, METHANOL), 3.4 PG II (D001)</td>
<td>1</td>
<td>DM</td>
<td>00418</td>
</tr>
<tr>
<td>2.</td>
<td>RQ. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (XYLENE, METHANOL), 3.4 PG II (D001)</td>
<td>3</td>
<td>DF</td>
<td>00825</td>
</tr>
</tbody>
</table>
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: CTR000810750
2. Page 1 of 1
3. Emergency Response Phone: (800) 493-3719
4. Manifest Tracking Number: 018449460

**Generator:**
- Name: Windham Memorial Hospital
- Address: 112 Mansfield Avenue, Willimantic, CT 06226
- Phone: 685-6-845
- ATTN: Anel Lopez
- Site Address (if different than mailing address): SAME

**Transporter:**
- Company Name: Clean Harbors Environmental Services, Inc.
- 2 Company Name: None

**Facility:**
- Name: Safe-Kleen Systems, Inc.
- Address: 3700 LaGrange Road, Smithfield, KY 40068
- Phone: (502) 245-2453
- U.S. EPA ID Number: KYD053348108

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DM</td>
<td>00415 P</td>
<td>D001 F003</td>
</tr>
</tbody>
</table>

**Transporter:**
- Name: Tom Lachance (Owner)
- Signature: [Signature]
- Transporter 1
  - Signature: [Signature]
  - Date: 02/15

**Transporter:**
- Name: Randy Pfening
- Signature: [Signature]
- Transporter 2
  - Signature: [Signature]
  - Date: 02/15

**Exporter:**
- Name: [Name]
- Signature: [Signature]
- Date: [Date]
- Exporter's ID Number: [ID Number]

**Facility:**
- Name: [Facility Name]
- Phone: [Phone]
- U.S. EPA ID Number: [ID Number]

**Discrepancy:**
- Discrepancy Indication Space: [Space]
- Quantity: [Quantity]
- Type: [Type]
- Note: [Note]
- Partial Rejection: [Partial Rejection]
- Full Rejection: [Full Rejection]
- Manifest Reference Number: [Number]
- EPA ID Number: [ID Number]

**Waste Code:**
- H061

**Hazardous Wastes Report Management Method Code:**
- [Code]

**Facility:**
- Name: [Facility Name]
- Phone: [Phone]
- ID Number: [ID Number]

**EPAfor:**
- Date: [Date]
- Signature: [Signature]
<table>
<thead>
<tr>
<th>GENERATOR</th>
<th>SIGNATURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Covarrubias</td>
<td></td>
</tr>
</tbody>
</table>

1. UN1963, WASTE PAINT RELATED MATERIAL
2. 100
3. P
4. F005
5. D002

**1. UN1963, WASTE PAINT RELATED MATERIAL**

**2. 100**

**3. P**

**4. F005**

**5. D002**
1. **Generator ID Number**: MA008115331

2. **Emergency Contact Phone**: 413-822-2640

3. **Manifest Tracking Number**: 008649320

4. **Transporter Company Name**: SAFETY-KLEEN SYSTEMS INC.

5. **Transporter Company Address**: 500-645-2453

6. **Authorized Facility Name**: SAFETY-KLEEN SYSTEMS, INC. 3700 LABORNE ROAD SMITHFIELD, KY 40068

7. **Authorized Facility Phone**: KY0653

8. **Authorized Facility Address**: 3700 LABORNE ROAD SMITHFIELD, KY 40068

9. **Authorized Facility ID Number**: MAD030

10. **Authorized Facility EPA ID Number**: TXA0001

11. **Authorized Facility Zip Code**: 40068

12. **Authorized Facility Location**: KY

**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Description</th>
<th>Mfg. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DM</td>
<td>1,200</td>
<td>WASTE PAINT, 3, PG III</td>
<td>UN1053</td>
</tr>
<tr>
<td>2</td>
<td>DM</td>
<td>250</td>
<td>WASTE PAINT, 3, PG II</td>
<td>UN1053</td>
</tr>
</tbody>
</table>

**SPECIAL HANDLING INSTRUCTIONS AND ADDITIONAL INFORMATION**

1. **Disposal Facility**: TSD: E90, E93, E96

2. **Emergency Phone**: (413) 822-2640

3. **EPA ID Number**: MAD030

4. **Transporter Name**: JEFF REESE

5. **Signer**: MICHAEL CORDEY

6. **Manifest Reference Number**: 008649320

7. **Authorized Facility Location**: KY

8. **Authorized Facility ZIP Code**: 40068

**DESIGNATED FACILITY TO EPA's e-MANIFEST**

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
S&I DONOR / GENERATOR: RRI1177 R & R Power Equipment
127 Hartford Ave E 908-4S
East Hartford CT 06108-5519
PHONE: 860-555-5300

GENERATOR USEPA ID: CV9424462400
GENERATOR STATE ID:
MANIFESTID:
FORM CD: AR
SHIP: 20101180

TRANSPORTER 1
ID: 1062012012305 Safety Kleen
Address: 1792 Cooper Creek Rd
BxA 102
CENTON, TX,
US Postal Code: 75228
Phone: 903-668-5840

TRANSPORTER 2

UB DOT DESCRIPTION (INCLUDING PROPER SHIPPING NAME, HAZARD CLASS, AND ID):
UNIT: D9J2L, HAZARDOUS, S, PS II
FEDERAL WASTE CODE: NONE
STATE WASTE CODE: CSS4
TOTAL CONT 2:
TYPE: CON WT/LOC P SHIP: 8597869
CNT# 201020464690 92 55 GALJOS L CONTAINER QTY: 300 PROF# 1827047
CNT# 201020464690 92 55 GALJOS L CONTAINER QTY: 300 PROF# 1827047

DISCHARGED FACILITY NAME/ADDRESS:
SAFETY - KLEEN SYSTEMS, INC.
3700 LAGRANGE ROAD
SMITHFIELD
KY 40060
TMO PHONE: 502-861-3403

FACILITY USEPA ID NO KY05346108
FACILITY STATE ID NO
A variable Chemistry Fee that

GENERATOR STATUS

CUSTOMER / GENERATOR:

TRANSPORTER:

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Meredith Boericke, Council President
03/08/2023
Page 48
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. **Generator ID Number**: MAC 00006442
2. **Emergency Response Phone**: (800) 483-3718
3. **Manifest Tracking Number**: 018442395 F

### Generator Information
- **Address**
  - 38 Shelley Road
  - Ward Hill, MA 01980
- **Contact Person**: ATTN: Nick Constantino
- **Telephone**: (978) 521-0478

### Transmitter Information
- **Company Name**: Clean Harbors Environmental Services, Inc.
- **Address**: 700 W Granite Road
  - Smithfield, KY 40068

### Facility Information
- **Phone**: (602) 845-2453

### Waste Information
- **Waste Description**
  - 1. RQ. JIN.2536, WASTE METHYL TETRAHYDROFURAN, 3, PG II (RO 00011)

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit Wt./Vol.</th>
<th>Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DM</td>
<td>00010</td>
<td>P</td>
<td>D001</td>
</tr>
</tbody>
</table>

### Other Information
- **EPA ID Number**: MAC 00006442
- **U.S. EPA ID Number**: MAC 00006442
- **Designated Facility Name and Address**
  - Safety-Kleen Systems, Inc.
  - 700 W Granite Road
  - Smithfield, KY 40068
- **Facility Phone**: (602) 845-2453

---

**Office of the Town Council | Braintree, Massachusetts**

**Meredith Boericke, Council President**

**03/08/2023**

---

**Page 49**
**Generator** acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>MEX002004919</td>
<td></td>
<td>(800) 483-3718</td>
<td>017457163 F</td>
</tr>
</tbody>
</table>

**5. Generator’s Name and Mailing Address**

Quick Chevrolet/Cadillac
PO Box 1386 293 Hogan Road
Bangor, ME 04401
Generator’s Phone: (207) 366-1469 ATTN: Hal Bean
293 Hogan Road
Bangor, ME 04401

**6. Transporter 1 Company Name**

Clean Harbors Environmental Services, Inc.

**7. Transporter 2 Company Name**


**8. Designated Facility Name and Site Address**

Safety-Kleen Systems, Inc.
3700 LaGrange Road
Smitherdale, KY 40068

**9. U.S. DOT Description (Including proper shipping name, Hazard Class, ID Number, and Packing Group (if any))**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit Quant.</th>
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<tbody>
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<td>1</td>
<td>P</td>
<td>002</td>
<td>600</td>
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<thead>
<tr>
<th>10. Containers</th>
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</table>

<table>
<thead>
<tr>
<th>11. Total Quantity</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>12. Unit wt/Vol</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>13. Waste Codes</th>
</tr>
</thead>
</table>

**14. Signature**

Rodney Rimes

**15. Authority on initial transporter to add or substitute additional transporter on generator's behalf for purposes of transportation efficiency and convenience**

Contract retained by generator confers authority on initial transporter to add or substitute additional transporter on generator's behalf for purposes of transportation efficiency and convenience.

**16. International Shipment**

<table>
<thead>
<tr>
<th>Import to U.S.</th>
<th>Export from U.S.</th>
<th>Port of Embarkation</th>
<th>Date Leaving U.S.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Transporer 1 Printed/Typed Name</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rodney Rimes</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transporer 2 Printed/Typed Name</th>
<th>Signature</th>
</tr>
</thead>
</table>

**17. Transporter Acknowledgment of Receipt of Materials**

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
</table>

**18. Discrepancy**

<table>
<thead>
<tr>
<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Reject</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
</table>

**19. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by manifest except as noted in Item 15**

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
</table>

**20. Hazardous Waste Treatment, Storage, and Disposal**

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
UNIFORM HAZARDOUS WASTE MANIFEST

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MED101192599</td>
<td>1</td>
<td>(800) 483-3718</td>
<td>017457151 FLE</td>
</tr>
</tbody>
</table>

5. Generator’s Name and Mailing Address
Darlings Ford
403 Hogan Road
Bangor, ME 04401

6. Transporter 1 Company Name
Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name
Safety Kleen Systems, Inc.
2700 LaGrange Road
Smithfield, KY 40068

8. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group [if any])
UN1203, WASTE GASOLINE, 3, PG II

10. Containers
Type: D001 D018

11. Total Quantity
300

13. Waste Codes

Contract retained by generator only by virtue of generator and transporter agreement.

PREVIOUS EDITIONS ARE OBSOLETE.

Designated Facility: Clean Harbors

Generated by Viewpoint e-Manifest System

Meredith Boericke, Council President
03/08/2023
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>MER000002832</td>
<td></td>
<td>(800) 483-3718</td>
<td>018442355 F</td>
</tr>
</tbody>
</table>

5. Generator's Site Address (If different than mailing address)
   - Maine State Health and Enviro Testing Lab 221 State Street - Station 12
   - Augusta, ME 04333
   - Generator Phone: (207) 287-2727
   - ATTN: Jim Eaton

6. Generator's Site Address
   - Clean Harbors Environmental Services, Inc.
   - U.S. EPA ID Number: MAD03932250
   - U.S. EPA ID Number: KYD053348108
   - Facility Phone: 802-845-2453

8. Designated Facility Name and Site Address
   - Safety-Kleen Systems, Inc.
   - 3700 L.S. Grant Road
   - Smithfield, KY 40068

10. Containers
    - No. | Type | Quantity |
    - 005 | DF   | 310      |

11. Waste Codes
    - U003 U044 F002 F003

14. Packaged Instructions and Additional Information
    - UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ETHYL ALCOHOL, HEXANE, 3. PG II)

15. GENERATOR’S/COPPER’S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packed, marked, and placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am in the Primer Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA, Acknowledgment of Consent.

   - Signature: MICHAEL BOURDOY
   - Month: 2
   - Day: 9

16. International Shipment
    - [ ] Export to U.S.
    - [ ] Export from U.S.

17. Transporter Acknowledgment of Receipt of Materials
    - Signature: J. Babbridge
    - Month: 2
    - Day: 7

18. Discrepancy
    - [ ] Quantity
    - [ ] Type
    - [ ] Residue
    - [ ] Partial Rejection
    - [ ] Full Rejection

19. Alternate Facility (or Generator)
    - U.S. EPA ID Number

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a
    - Signature
    - Month: 3
    - Day: 4

**Designated Facility to EPA's Manifest System**

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. **Generator ID Number**: MAR000513044
2. **Page**: 1 of 1
3. **Emergency Response Phone**: (800) 483-3718
4. **Manifest Tracking Number**: 017261367 F

**Generator's Site Address (if different than mailing address)**: SAME

**Merck Sharp & Dohme LLC**
33 Avenue Louis Pasteur
Boston, MA 02115

**Generators Phone**: 617-992-2032
**ATTN**: Stehan Schaub

**Transporter 1 Company Name**: Clean Harbors Environmental Services, Inc.

**Transporter 2 Company Name**: U.S. EPA ID Number

**Facility's Name**: Safety-Kleen Systems, Inc.
3700 LaGrange Road
Smithfield, KY 40068

**Facility's Phone**: (502) 845-2483
**U.S. EPA ID Number**: KYD053348108

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S. (METHANOL, METHYLENE CHLORIDE)</td>
<td>004</td>
<td>DM</td>
<td>01420</td>
<td>P</td>
<td>D001, D035, F</td>
</tr>
</tbody>
</table>

**Contract retained by generator centering as**

**Authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience or**

**13. Generator/Shipper's Certification**: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/classified, and are in all respects in the proper condition for transport according to applicable international and national governmental regulations. I, am the Primary Exporter, and I certify that the contents of this consignment conform to the terms of the applicable EPA Acknowledgment of Consent.

**Signature**

**Transporter**

**International Shipping**

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>15</td>
</tr>
</tbody>
</table>

**Transporter Acknowledgment of Receipt of Materials**

**Manifest Reference Number**: ERG4115 4155

**DESIGNATED FACILITY TO EARP.**

**Office of the Town Council | Braintree, Massachusetts**
Meredith Boericke, Council President
03/08/2023

Page 53
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

### Uniform Hazardous Waste Manifest

<table>
<thead>
<tr>
<th>Uniform Hazardous Waste Manifest</th>
<th>Generator ID Number</th>
<th>Manifest Tracking Number</th>
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</thead>
<tbody>
<tr>
<td>1. Generator ID Number</td>
<td>MAC 300105434</td>
<td>017261369 FL</td>
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<td>2. Page 1 of</td>
<td>1</td>
<td></td>
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<tr>
<td>3. Emergency Response Phone</td>
<td>(800) 483-3718</td>
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</tr>
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<td>4. Manifest Tracking Number</td>
<td>017261369 FL</td>
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**Recipient Information**

<table>
<thead>
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<th>Recipient Name</th>
<th>Company Name</th>
<th>Phone</th>
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</thead>
<tbody>
<tr>
<td>Cleaning</td>
<td>110 Commerce Way</td>
<td>7811231-7200</td>
</tr>
<tr>
<td>Address</td>
<td>Woburn, MA 01801</td>
<td></td>
</tr>
<tr>
<td>Generator's Site Address</td>
<td>(If different from mailing address)</td>
<td>SAME</td>
</tr>
<tr>
<td>Transport 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
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<td>U.S. EPA ID Number</td>
<td>MAD 03932250</td>
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**Facility Information**

<table>
<thead>
<tr>
<th>Facility Name</th>
<th>3700 LaGrande Road</th>
<th>Smithfield, KY 40068</th>
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**Waste Description**

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<th>No.</th>
<th>Type</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>003 DM</td>
<td>165</td>
<td>6</td>
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**Authorizations and Administrations**

<table>
<thead>
<tr>
<th>Authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience, or at generator's Request</th>
<th>Contract retained by generator confirms above.</th>
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**Transporter Information**

<table>
<thead>
<tr>
<th>Transporter Signature</th>
<th>Export to U.S.</th>
<th>Export from U.S.</th>
<th>Part of consignment</th>
<th>Date leaving U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tom Pappo</td>
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**Transporter Compliance**

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<th>Quantity</th>
<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Rejection</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chris Hitz</td>
<td></td>
<td></td>
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**Discrepancy**

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<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Rejection</th>
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<tbody>
<tr>
<td></td>
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</table>

**Alternative Facility**

<table>
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<tr>
<th>Facility Name</th>
<th>Phone</th>
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**Hazardous Waste Management Method Code**

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<td>H061</td>
<td>Hazardous Waste Reporting Method Code</td>
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**Designated Facility**

<table>
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<tr>
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</tr>
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---

Meredith Boericke, Council President

03/08/2023
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Container No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
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<td>2</td>
<td>DM</td>
<td>500</td>
<td>F003</td>
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<td></td>
<td></td>
<td></td>
<td>F005</td>
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**Special Handling Instructions and Additional Information**

1) E08138;

2) UNIDENTIFIED WASTE FLAMMABLE SOLIDS, ORGANOHALOGENS, N.O.S., OCETONE, MEK, TOLUENE, XYLENE, 4,1,3,5-

3) 

4) 

5) 

14) Special Handling instructions and Additional Information

**Transporter's Signature**

[Signature]

**Facility Signature**

[Signature]

**Facility's Phone**

[Phone Number]

**Facility's Address**

[Address]

**Facility's EPA ID Number**

[X]

**Designer Facility Owner or Operator Certification of Receipt**

[Signature]

**DESIGNATED FACILITY TO EPA's e-MANIFEST**

[Signature]
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>1. Generator ID Number</th>
<th>RID084802842</th>
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<tr>
<td>2. Page 1 of 1</td>
<td></td>
</tr>
<tr>
<td>3. Emergency Response Phone</td>
<td>(800) 483-3718</td>
</tr>
<tr>
<td>4. Manifest Tracking Number</td>
<td>017812657 F</td>
</tr>
</tbody>
</table>

**5. Generator’s Name and Mailing Address**

Safety-Kleen Systems, Inc.
167 Mill Street
Cranston, RI 02920

**6. Transportation Company Name**

Clean Harbors Environmental Services, Inc.

**7. Transporter 2 Company Name**

Safety-Kleen Systems, Inc.

**8. Designated Facility Name and Site Address**

Safety-Kleen Systems, Inc.
Smithfield, KY 40068

**9a. RI. U.S. DOT Description (including proper shipping name, hazard class, ID number, and packing group if any)**

**10. Containers**

<table>
<thead>
<tr>
<th>No.</th>
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<th>Total Quantity</th>
<th>Waste Code</th>
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</thead>
<tbody>
<tr>
<td>008</td>
<td>CF</td>
<td>08077</td>
<td>P.0001</td>
</tr>
</tbody>
</table>

**14. General Handling Instructions and Additional Information**

Contract retained by generator.

1. **Generators’/Operators’ Printed/Typed Name and Signature**

2. **International Shipment**

   - Import to U.S.
   - Export from U.S.
   - Port of entry:
   - Date leaving U.S.:

3. **Transporter Acknowledgment of Receipt of Materials**

   - Transporter 1 Printed/Typed Name and Signature
   - Transporter 2 Printed/Typed Name and Signature

4. **13. Discrepancy**

   - Discrepancy Indication Space
     - Quantity
     - Type
     - Reject
     - Partial Rejection
     - Full Reject

   - Manifest Reference Number
   - U.S. EPA ID Number

5. **16. Alternate Facility (or Generator)**

   - Facility’s Phone:
   - Signature of Alternate Facility (or Generator)


   - N001

7. **Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a**

   - Printed/Typed Name and Signature

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President

03/08/2023

Page 56
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Generator's Site Address</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
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<tbody>
<tr>
<td>NHD000791616</td>
<td>130 Daniel Webster Hwy, Merrimack, NH 03054</td>
<td>(800) 483-3718</td>
<td>018406701 F</td>
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</table>

<table>
<thead>
<tr>
<th>5. BAI Systems NHQ000195</th>
<th>180 Daniel Webster Hwy, Merrimack, NH 03054</th>
<th>Clean Harbors Environmental Services, Inc.</th>
<th>Generator's Site Address (if different than mailing address)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PO Box 866</td>
<td>180 Daniel Webster Hwy, Merrimack, NH 03054</td>
<td>ATTN: Ryan Hazan</td>
<td>U.S. EPA ID Number: MAD039322250</td>
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<tr>
<td>Nashua, NH 03054</td>
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</tr>
<tr>
<td>6. Transporter 1 Company</td>
<td>Clean Harbors Environmental Services, Inc.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety-Kleen Systems, Inc.</td>
<td>5700 LeGrange Road, Smithfield, KY 40068</td>
<td>Safety-Kleen Systems, Inc.</td>
<td>U.S. EPA ID Number: KYD053348108</td>
</tr>
<tr>
<td>Facility Phone</td>
<td>(602) 845-2453</td>
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</tbody>
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<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>(Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))</td>
<td>No.</td>
<td>Type</td>
<td></td>
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<tr>
<td>1. RO, UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ISOPROPANOL, MINERAL SPIRITS), 3, PG II (DO01)</td>
<td>001</td>
<td>DM</td>
<td>446</td>
<td>P</td>
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<tr>
<td>2. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ISOPROPANOL, METHYL ETHYL KETONE), 3, PG II (DO01)</td>
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<td>DM</td>
<td>51</td>
<td>P</td>
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</table>

Contract retained by generator contains authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience.

15. GENERATOR'S OR EXPORTER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packed, marked and labeled in accordance with the conditions of this consignment, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I am the Primar Exporter, and I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Meredith Boericke, Council President
03/08/2023
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>NHD000791889</td>
<td>1</td>
<td>(800) 483-3718</td>
<td>018406705 F</td>
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</tbody>
</table>

5. Generator's Site Address (if different than mailing address)

- BAE Systems NHQ02-596
  - PO Box 866
  - Nashua, NH 03060
  - Generator Phone: (603) 227-7938
  - ATTN: Ryan Haas

- 98 Canal St (NCA)
  - Nashua, NH 03060

6. Transporter 1 Company Name

- Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name

- Safety-Kleen Systems, Inc.
  - 3700 LeGrand Road
  - Smithfield, KY 40068
  - Facility Phone: (800) 645-2463

8. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group if any)

- UN 1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (ISOPROPANOL, MINERAL SPIRITS), 3, PG II (D001)

9. 

- 10. Containers
  - No.
  - Type
  - Quantity

- 11. Total

- 12. Unit

- 13. Waste Codes

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14. Manifest Reference Number

- U.S. EPA ID Number

15. Generator's Signature

<table>
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<tr>
<th>STEPHEN W. MEKEL, Generator's Signature</th>
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<tr>
<td>Month Day</td>
</tr>
<tr>
<td>2 15</td>
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16. Transporter 1 Signature

<table>
<thead>
<tr>
<th>BRUNO D. LOPEZ, Transporter 1 Signature</th>
</tr>
</thead>
<tbody>
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<td>Month Day</td>
</tr>
<tr>
<td>02 15</td>
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17. Transporter 2 Signature

<table>
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<tr>
<th>BRUNO D. LOPEZ, Transporter 2 Signature</th>
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<tbody>
<tr>
<td>Month Day</td>
</tr>
<tr>
<td></td>
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</table>

18a. Manifest Reference Number

- U.S. EPA ID Number

19. Hazardous Waste Generator's Certificate

- I hereby declare that the contents of this consignment are fully and accurately described above and are classified, packaged, and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

- I certify that the waste characterization statement identified in 40 CFR 262.27(a) (1) (a large quantity generator) or (b) (I am a small quantity generator) is true.

- I certify that the waste characterization statement identified in 40 CFR 262.27(a) (1) (a large quantity generator) or (b) (I am a small quantity generator) is true.

- Printed and Typewritten Name

- Signature

- Month Day

- EPA Form (Rev. 10-17) Previous editions are obsolete
#### UNIFORM HAZARDOUS WASTE MANIFEST

<p>| | |</p>
<table>
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<tr>
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<tr>
<td>2. Page of 1 of 1</td>
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<tr>
<td>3. Emergency Response Phone</td>
<td>(900) 303-5731</td>
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<tr>
<td>4. Manifest Tracking Number</td>
<td>015203040 F</td>
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</table>

**Generator's Site Address (if different than mailing address):**

Addison County SWMDD-HCFVT01231

1222 Route 7 S

Middlebury, VT 08793

Generator's Phone: (802) 388-2333

ATTN: Don Martelli

**Transporter 1 Company Name:**

Clean Harbors Environmental Services, Inc.

**U.S. EPA ID Number:** MAD03922250

**Transporter 2 Company Name:**

Safety-Kleen Systems, Inc.

3700 LaGrange Road

Smithfield, KY 40068

Facility Phone: (602) 682-2452

**U.S. EPA ID Number:** KYD053348108

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Contract retained by generator confirms that no material change has occurred either in the characteristics or in the process generating the material.

**External Inspector:**

ARDT, Inc.

**Date:** 03/08/2023

**Transporter 3 Company Name:**

CRAIG ROSA

**U.S. EPA ID Number:** 015203040 F

**Facility Phone:** (602) 682-2452

<table>
<thead>
<tr>
<th>16a. Quantity</th>
<th>16b. Type</th>
<th>16c. Residue</th>
<th>16d. Partial Rejection</th>
<th>16e. Full Rejection</th>
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</table>

**Designated Facility:**

EPA Form 32090 Rev. 12-01-06. Previous Editions are Not Acceptable.

<table>
<thead>
<tr>
<th>19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)</th>
<th>20. Designated Facility Owner or Operator: Certification of receipt of hazardous material covered by the manifest except as noted in Item 19a</th>
</tr>
</thead>
<tbody>
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<tr>
<td>Container No.</td>
<td>Type</td>
</tr>
<tr>
<td>--------------</td>
<td>------</td>
</tr>
<tr>
<td>1.</td>
<td>DM</td>
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<tr>
<td>2.</td>
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<tr>
<td>3.</td>
<td></td>
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<tr>
<td>4.</td>
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</tr>
</tbody>
</table>

### 11. Special Handling Instructions and Additional Information

TBD:SMR 91104787 BU17833 CSG

1. ERG#128:

24H EMERGENCY 800-468-1760 CH/TFI-Contract retained by generator confers agency auth to
an initial transporter to add or substitute additional transporters on generator's behalf.

15. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged labeled-dispensed, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If import shipment and I am the Primary

16. I certify that the waste identification statement identified in 40 CFR 262.37(a) (I am a large quantity generator) or 10 (If I am a small quantity generator) is true.

17. Generator's Name: Printed/Typed Name

18. Discrepancy

19. Alternate Facility (if Generator)

20. Designated Facility Owner/Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Office of the Town Council | Braintree, Massachusetts  
Meredith Boericke, Council President  
03/08/2023
SHIPPING DOCUMENT

After The Event of an Emergency Oil Spill (310-620-6868) 1-800-468-7768

OUTDOOR / GENERATOR: H2S1209 Herb Chamberlain Honda
150 Tampico Rd
Wentworth MA 01791 - 1274
Phone: 789-10 This

GENERATOR STATE ID:
MANUFACTURER: FORM CO. / NR SHIP# 2300840

TRANSPORTER 1 T6X02DGG112D6 Keddie Kline
Address: Transporter: SAFETY - KLEEN BYSTENDB INC.
1702 Cooper Creek Rd
4th 102
DENTON, TX.
UB Port Code: 7608
Phone: 800-888-9999

UB DOT DESCRIPTION (INCLUDING PROPER SHIPPI NAME, HAZARDOUS CLASS, AND ID)
DRANNED USED OIL FILTERS (NOT UB DOT OR UPEA REGULATED)
PERSONAL WASTE CODE: N
STATE WASTE CODE: N

TOTAL CONT 2
TYPE: DM UNIT: CUBIC FT
QTY: 105 GAL/210L CONTAINERS CITY: 900
PROVE 153167

DESIGNATED FACILITY NAME/ADDRESS:
SAFETY - KLEEN BYSTENDB INC.
167 MILL STREET
CHARNON
RI 0296
UBS PHONE: 401-789-000

FACILITY UPEA ID NO RCD804802842
FACILITY STATE ID NO

GENERATOR STATUS 0-122 last/month

CUSTOMER / GENERATOR:

TRANSPORTER: Bocar Robert A

---

Meredith Boericke
Co-Council President

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
**IX-22, Wednesday, Week 7 of 2023**

**Transport Time:** 2:15/2023 3:01:17 PM

<table>
<thead>
<tr>
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<th>CA6828</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Number</td>
<td>CA44901</td>
</tr>
<tr>
<td>Segment Code</td>
<td>03</td>
</tr>
<tr>
<td>Classification</td>
<td>A</td>
</tr>
<tr>
<td>Payment Preference</td>
<td>Credit on Account</td>
</tr>
<tr>
<td>PO Number</td>
<td></td>
</tr>
</tbody>
</table>

**Order:** 2300837860

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Profile Exp</th>
<th>01/01/2099</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filters Not Reg</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Used Paint Waste w/ 35% Dupont C Gun Clean</td>
<td></td>
<td></td>
<td>06/02/2024</td>
</tr>
<tr>
<td>SNUP - OIL AND RAGS</td>
<td></td>
<td></td>
<td>06/02/2024</td>
</tr>
<tr>
<td>IGHTS</td>
<td></td>
<td></td>
<td>31/12/9999</td>
</tr>
<tr>
<td>Used Gun Cleaner w/ DuPont gun clean</td>
<td></td>
<td></td>
<td>06/02/2024</td>
</tr>
</tbody>
</table>

**n's Waste History:**

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Date of Disposal</th>
<th>Hazardous</th>
<th>Cost or Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>011</td>
<td>100</td>
<td>12/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>081</td>
<td>100</td>
<td>13/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>091</td>
<td>100</td>
<td>14/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>101</td>
<td>100</td>
<td>15/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>111</td>
<td>100</td>
<td>16/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>121</td>
<td>100</td>
<td>17/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>131</td>
<td>100</td>
<td>18/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>141</td>
<td>100</td>
<td>19/20</td>
<td>H</td>
<td>P</td>
</tr>
<tr>
<td>151</td>
<td>100</td>
<td>20/20</td>
<td>H</td>
<td>P</td>
</tr>
</tbody>
</table>

**Legal Reader:**

**Transporter:** Bob, Robert A

http://www.BranchPortal/PrintableRouteWeek... 2/7/2023
X-22, Wednesday, Week 7 of 2023
Departure Time: 2/15/2023 11:13:41 AM

<table>
<thead>
<tr>
<th>Chain Code:</th>
<th>TH3239</th>
</tr>
</thead>
<tbody>
<tr>
<td>Customer Number:</td>
<td>HE22650</td>
</tr>
<tr>
<td>Segment Code:</td>
<td>03</td>
</tr>
<tr>
<td>Classification:</td>
<td>E</td>
</tr>
<tr>
<td>Payment Preference:</td>
<td>Pay By Check</td>
</tr>
<tr>
<td>PO Number:</td>
<td></td>
</tr>
</tbody>
</table>

Order: 2300387994

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Price</th>
<th>Ext. Price</th>
<th>Reorder Level</th>
<th>SDS</th>
<th>Remarks</th>
<th>Order Source</th>
<th>Scheduler</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td></td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>N/A</td>
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<td>Scheduler</td>
<td>Scheduler</td>
</tr>
<tr>
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<td></td>
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<td>0</td>
<td>0</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>Scheduler</td>
<td>Scheduler</td>
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</table>

Profile Name: OIL, USED FILTERS NOT REG
Profile Expiration: 01/01/2099

ShipTo/Gen's Waste History:

<table>
<thead>
<tr>
<th>Date</th>
<th>SDS/DOT</th>
<th>Qty (pounds)</th>
<th>Qtr (gallons)</th>
<th>Hazardous</th>
<th>Cost or Profit</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/07/2023</td>
<td>3249</td>
<td>1000</td>
<td>0</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>01/07/2023</td>
<td>3249</td>
<td>500</td>
<td>0</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>01/07/2023</td>
<td>3249</td>
<td>500</td>
<td>0</td>
<td>N</td>
<td>C</td>
</tr>
<tr>
<td>01/07/2023</td>
<td>3249</td>
<td>500</td>
<td>0</td>
<td>N</td>
<td>C</td>
</tr>
</tbody>
</table>

Allied Products Sales History:

<table>
<thead>
<tr>
<th>Date</th>
<th>Sales</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>03/08/2023</td>
<td></td>
<td>Available</td>
</tr>
</tbody>
</table>

ShipTo/Gen Service Notes:

* DSR WEBSITE: 160414 KCOA-VS/DMA-L20

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>No.</th>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DF</td>
<td>005</td>
</tr>
<tr>
<td>2</td>
<td>DF</td>
<td>001</td>
</tr>
<tr>
<td>3</td>
<td>DF</td>
<td>001</td>
</tr>
</tbody>
</table>

**Transporter:**
- **Name:** Robert Spielvogel
- **Signature:** [Signature]
- **Date:** 03/08/2023

**Facility:**
- **Name:** Robert Spielvogel
- **Signature:** [Signature]
- **Date:** 03/08/2023

**EPA Form:** R002-05 (Rev. 10/17) Previous edition unacceptable.

**DESIGNATED FACILITY TO EPA's MANIFEST SYSTEM:**
- **Name:** Clean Harbors
- **Signature:** [Signature]
- **Date:** 03/08/2023
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator D Number: MAC300017860

2. 2. Emergency Response Phone: (800) 468-3718

3. Generator Site Address (if different than mailing address):
   530 John Hancock Rd
   Taunton, MA 02780

4. Transporter 1 Company Name: Clean Harbors Environmental Services, Inc.

5. Transporter 2 Company Name: Safety-Kleen Systems, Inc.

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Total Quantity</th>
<th>Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DF</td>
<td>00005 P</td>
<td>H122 D001</td>
</tr>
<tr>
<td>001</td>
<td>DF</td>
<td>0000002 P</td>
<td>D002</td>
</tr>
<tr>
<td>001</td>
<td>DF</td>
<td>00010 P</td>
<td>D002</td>
</tr>
</tbody>
</table>

**Disclaimer:**

The data on this manifest has been approved by the Town Council for the purposes of transportation and disposal of hazardous waste.

Page 69
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Quantity</th>
<th>Type</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MV 6172296004</td>
<td>0.0020</td>
<td>P</td>
<td>D001</td>
</tr>
<tr>
<td>MV 6172296004</td>
<td>0.0050</td>
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<td>D001</td>
</tr>
<tr>
<td>MV 6172296004</td>
<td>0.0015</td>
<td>P</td>
<td>D002</td>
</tr>
</tbody>
</table>

**UNIFORM HAZARDOUS WASTE MANIFEST**

**Generator's Name and Mailing Address**
Thermo Fisher Scientific
790 Memorial DR
Cambridge, MA 02139

**Generator's Phone**
(617) 229-0055

**Transporter 1 Company Name**
Clean Harbors Environmental Services, Inc.

**Transporter 2 Company Name**

**Designated Facility Name and Site Address**
Safety-Kleen Systems, Inc.
167 Mill Street
Chelmsford, MA 01824

**Radio Frequency**
R0084802842

**Generator's Signature**
Willie McCrea

**Transporter 1 Signature**
Emily D. Denis

**Transporter 2 Signature**

**EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.**
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

10. Containers

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>DM</td>
<td>00800</td>
<td>D001</td>
</tr>
<tr>
<td>2</td>
<td>DM</td>
<td>00450</td>
<td>MA001</td>
</tr>
<tr>
<td>3</td>
<td>DF</td>
<td>00042</td>
<td>D002</td>
</tr>
<tr>
<td>4</td>
<td>DF</td>
<td>00150</td>
<td>D002</td>
</tr>
</tbody>
</table>

11. Total

- Quantity: 00800
- Weight: 00042
- Volume: 000150

12. Unit

- Weight: P
- Volume: P

13. Waste Codes

- D001: Flammable Liquid
- MA001: Inorganic Solid
- D002: Corrosive Liquid
- D002: Corrosive Solid

Approved: [Signature]

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Column</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Generator ID Number</td>
<td>MAD 081 687 50</td>
</tr>
<tr>
<td>2. Page 1 of</td>
<td>1</td>
</tr>
<tr>
<td>3. Emergency Response Phone</td>
<td>(600) 483-3718</td>
</tr>
<tr>
<td>4. Manifest Facility Number</td>
<td>017251403 F</td>
</tr>
<tr>
<td>5. Generator's Name and Mailing Address</td>
<td>Massa Products</td>
</tr>
<tr>
<td>6. Phone</td>
<td>SAME</td>
</tr>
<tr>
<td>7. Generator's S/N or Address (if different than mailing address)</td>
<td>290 Lincoln Street, Hingham, MA 02043</td>
</tr>
<tr>
<td>8. Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>9. U.S. EPA ID Number</td>
<td>MAD 039 322 50</td>
</tr>
<tr>
<td>10. Abatement Facility Name and S/N or Address</td>
<td>Safety-Kleen Systems, Inc.</td>
</tr>
<tr>
<td>11. Total Quantity</td>
<td>R1D 084 028 42</td>
</tr>
<tr>
<td>12. Waste Code</td>
<td>ERG132 1235 1236</td>
</tr>
</tbody>
</table>

**9. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Pasting Group (if any))**

<table>
<thead>
<tr>
<th>Container No.</th>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>003</td>
<td>DF</td>
<td>003</td>
</tr>
</tbody>
</table>

**14. Spill Handling Instructions and Additional Information**

**Contract Retained by Generator or Carries a...**

**15. GENERATOR/SHIPPER'S CERTIFICATION:** I certify that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/discounted, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I also certify that the waste minimization statement identified in 40 C.F.R. 262.31(b)(1) is true.

**Exportor's Print/Typed Name:**

**Duplicate:**

**16. Documentation:**

**Transporter's Print/Typed Name:**

**Signature:**

**Designer Facility to EPA's e-MANIFEST System:**

**C1 23006732352002 PP**

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 72
<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Type</th>
<th>Unit</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.1</td>
<td>DF</td>
<td>P</td>
<td>D001 D002</td>
</tr>
<tr>
<td>2</td>
<td>0.002</td>
<td>DF</td>
<td>P</td>
<td>MA99</td>
</tr>
<tr>
<td>3</td>
<td>0.004</td>
<td>DF</td>
<td>P</td>
<td>D002</td>
</tr>
<tr>
<td>4</td>
<td>0.006</td>
<td>DF</td>
<td>P</td>
<td>D002</td>
</tr>
</tbody>
</table>

**Note:**
- The waste described above is being generated by the generator and is being transported in accordance with all applicable laws and regulations.
- The transporter is responsible for ensuring proper packaging and labeling of the waste.
- The generator has acknowledged their responsibility for the proper handling and management of the waste.
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Manifest Tracking Number</th>
<th>U.S. EPA ID Number</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 3000 06442</td>
<td>018442390 F</td>
<td>MAD 039322250</td>
<td>RID 084802842</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Generator's Site Address</th>
<th>Transporter 1 Company Name</th>
<th>Transporter 2 Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>ATTN: Nick Constantino</td>
<td>Clean Harbors Environmental Services, Inc.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transporter 1 Company Name</th>
<th>Transporter 2 Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Waste Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Reject</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. UN1123, WASTE BUTYL ACETATES, S, PG II (D001)</td>
<td>001 DM 00105</td>
<td>P</td>
<td>D001</td>
<td></td>
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</tr>
<tr>
<td>2. UN1262, WASTE OCTANES, (TRIMETHYL PENTANOL, 3, PG II (D001)</td>
<td>002 DF 00252</td>
<td>P</td>
<td>D001</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (CYCLOHEXANONE, METHYL ETHYL KETONE), 3, PG II</td>
<td>001 DF 00087</td>
<td>P</td>
<td>D001</td>
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</tr>
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<td>4. UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (HEXAMETHYLTRISILOXANE, VINYL METHYLDIETHYLSILANE), 3, PG II</td>
<td>001 DF 00081</td>
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<td></td>
<td></td>
</tr>
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</table>

**Contract retained by generator confirms a commitment to transport to and/or substitute additional transporters on generator's behalf for purposes of transportation efficiency and convenience.**

**SOPPERER'S CERTIFICATION:** I hereby declare that the contents of this consignment are truly and accurately described above by the proper shipping name, and are classified, packed, marked and labeled/numbered, and in all respects in proper condition for transport according to applicable international and national governmental regulations. I certify that the waste minimization statement indicated in 40 CFR 262.27(a) is true.

**SIGNATURE:**

**Joe Piper**

**Transporter 1 Printed/Typewritten Name:** Aubrey Mickey

**Transporter 2 Printed/Typewritten Name:** Aubrey Mickey

**Facility's Phone:**

**Facility's Signature:** Aubrey Mickey

**Manifest Reference Number:** U.S. EPA ID Number

**Designated Facility:**

**Designated Facility to EPA's e-Manifest System:**

**Clean Harbors has no applicable permits for, and will accept the waste the generator is shipping.**
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Page</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC30006842</td>
<td>2</td>
<td>0184472390F1E</td>
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</table>

**24. Generator's Name**
Thermo Fisher Scientific Chemicals, Inc.

**25. Transporter**

**26. Company Name**

**U.S. EPA ID Number**

**27a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packaging Group [if any])**

<table>
<thead>
<tr>
<th>Description</th>
<th>ID No.</th>
<th>PG</th>
</tr>
</thead>
<tbody>
<tr>
<td>WASTE FLAMMABLE LIQUIDS, N.O.S.</td>
<td>UN1993</td>
<td>3</td>
</tr>
<tr>
<td>WASTE PYRIDINE</td>
<td>UN1282</td>
<td>3</td>
</tr>
<tr>
<td>WASTE METAL SALTS OF ORGANIC COMPOUNDS, FLAMMABLE, N.O.S.</td>
<td>UN3181</td>
<td>4.1</td>
</tr>
<tr>
<td>WASTE TOXIC SOLID, INORGANIC, N.O.S.</td>
<td>UN3288</td>
<td>6.1</td>
</tr>
<tr>
<td>WASTE SODIUM HYDROXIDE SOLUTION</td>
<td>UN1924</td>
<td>8</td>
</tr>
<tr>
<td>WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S.</td>
<td>UN2264</td>
<td>8</td>
</tr>
<tr>
<td>CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.</td>
<td>UN2562</td>
<td>8</td>
</tr>
<tr>
<td>ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S.</td>
<td>UN3077</td>
<td>9</td>
</tr>
<tr>
<td>COMBUSTIBLE LIQUID, N.O.S.</td>
<td>UN1993</td>
<td>9</td>
</tr>
<tr>
<td>NON D.O.T. REGULATED</td>
<td>UN999</td>
<td></td>
</tr>
</tbody>
</table>
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: MAD001415389
2. Page 1 of 1
3. Emergency Response Phone: (800) 483-3715
4. Manifest Tracking Number: 0184442403 FL

- **Generator's Name and Mailing Address:** Shrenco Chemicals, Inc.
- **Newburyport, MA 01950**
- **Generator's Phone:** (425) 800-0079
- **Transporter 1 Company Name:** Clean Harbors Environmental Services, Inc.
- **Transporter 1 Company Name:** U.S. EPA ID Number: MAD039322250
- **Transporter 2 Company Name:** U.S. EPA ID Number:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Container No.</th>
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<th>Quantity</th>
<th>Weight/Hours</th>
<th>Waste Codes</th>
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<tbody>
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<td>1</td>
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<td>CF</td>
<td>02200</td>
<td>P</td>
<td>D001</td>
</tr>
<tr>
<td>2</td>
<td>UN1715, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (CORBALT CARBONYL), 4.1, PG II</td>
<td>003</td>
<td>CF</td>
<td>00147</td>
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<td>D001</td>
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---

**14. Special Handling Instructions and Additional Information**

- **CHEMICAL 1:** 
  - **ECN#128:** SIBFIN
  - **ECN#133:** SEB

---

**Transporter:**

- **Name:** Stockhouse
- **Signature:**

---

**Facility:**

- **Name:**
- **Signature:**

---

**Designated Facility:**

- **Name:**
- **Signature:**

---

**DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM:**

- **C1 2300465666-002**
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHD058537960</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Watts Water Technologies**
583 South Main Street
Franklin, NH 03235

**Clean Harbors Environmental Services, Inc.**

**Generator Information**
- **Name**: Meredith Boericke
- **Title**: Council President
- **Address**: Office of the Town Council | Braintree, Massachusetts
- **Date**: 03/08/2023
- **Page**: 77

**EPA Form**
- **Type**: Uniform Hazardous Waste Manifest
- **Page**: 1 of 1

**Waste Information**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
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<td>DH</td>
<td>693 P</td>
</tr>
<tr>
<td>006</td>
<td>DM</td>
<td>1888 P</td>
</tr>
<tr>
<td>004</td>
<td>DM</td>
<td>1864 P</td>
</tr>
<tr>
<td>001</td>
<td>DM</td>
<td>229 P</td>
</tr>
</tbody>
</table>

**Contract Information**
- **Contract Retained by Generator**

**Signatures**
- **Generator/Offerer**: [Signature]
- **Transporter**: [Signature]

**Date**
- **Generator/Offerer**: 12/16
- **Transporter**: 12/16
### Generator Information

**Name:** Clean Harbors Environmental Services, Inc.

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173

**Transporter 1 Company Name:** Clean Harbors El Dorado LLC

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173

**Transporter 2 Company Name:** Clean Harbors Environmental Services, Inc.

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173

---

### Waste Manifest

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. (METHYL ETHYL KETONE, XYLENE). 4.1 PG II</td>
<td>100</td>
<td>P</td>
<td>D061, D038</td>
</tr>
<tr>
<td>UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY). 9 PG III, UNIVERSAL WASTE—LAMP</td>
<td>100</td>
<td>P</td>
<td>A019</td>
</tr>
</tbody>
</table>

---

**Generator:**

**Name:** Clean Harbors Environmental Services, Inc.

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173

**Transporter 1 Company Name:** Clean Harbors El Dorado LLC

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173

**Transporter 2 Company Name:** Clean Harbors Environmental Services, Inc.

**Address:** 309 American Circle

**City, State, Zip:** El Dorado, AR 71730

**Phone:** (870) 963-7173
### Generator Information

**Generator Company Name:** Clean Harbors Environmental Services, Inc.

**Generator Address:** 593 South Main Street, Franklin, NH 03236

**Generator Phone:** 603-934-1153

**Generator's E-mail:** ATTN: Todd Leland

### Transporter Information

**Transporter Company Name:** Clean Harbors Environmental Services, Inc.

**Transporter Address:** 37 Rumery Road, South Portland, ME 04106

**Transporter Phone:** (207) 772-2201

### Manifest Details

**Manifest Number:** MAD039322250

**Manifest Date:** 03/08/2023

**Transporter Signature:**

**Number of Containers:** 10

**Total Quantity:** 002

**Waste Codes:**

**No.** | **Type** | **Quantity**
--- | --- | ---
1 | | 002

### Other Details

**Signatures:**

**Katie Whimmore**

**Transporter:**

**Date:** 03/08/2023

**EPA Form Approved:** OMB No. 2511-0136

**DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEMS:**

**Meredith Boericke, Council President**

**03/08/2023**
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Page 1 of 1</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>NHD08537960</td>
<td></td>
<td>(800) 483-3719</td>
<td>018409815 FL</td>
</tr>
</tbody>
</table>

5. Generator or Generator's Site Address:
   - Watts Water Technologies
   - 59 South Main Street
   - Franklin, NH 03235
   - Generator's Phone: 603-934-1453
   - ATTN: Todd Leland
   - SAME

8. Designated Facility Name and Site Address:
   - Spring Grove Resource Recovery Inc.
   - 4975 Spring Grove Avenue
   - Cincinnati, OH 45223
   - Facility Phone: (513) 684-6738
   - OHDD0816629

9c. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)):
   - NA077, HAZARDOUS WASTE, SOLID, N.O.S., (LEAD), 9, PG III

10. Containers
    - No. | Type | Quantity |
    - 004 | D | 676 | P |

13. Waste Codes
    - D009

**Transporter**

<table>
<thead>
<tr>
<th>Name of the Transporter (Printed/Typed Name)</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kari Whitmore</td>
<td></td>
<td>2</td>
<td>116</td>
</tr>
</tbody>
</table>

16. International Shipment
   - Export to U.S.
   - Export from U.S.
   - Port of entry/exit:
   - Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Material
   - Signature: [Signature]
   - Month | Day: 2 | 116 |

18. Discrepancy
    - [ ] Quantity
    - [ ] Type
    - [ ] Residue
    - [ ] Partial Rejection
    - [ ] Full Rejection

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):
   - H41

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a.
    - [ ] Printed/Typed Name
    - Signature
    - Month | Day:

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Page 80
**FORM HAZARDOUS WASTE MANIFEST**

**1. Generator ID Number:** MAD053452637

**2. Page of 1**

**3. Emergency Response Phone:** (900) 483-3719

**4. Manifest Tracking Number:** 017859461 FLE

---

**Clean Harbors of Braintree Inc**

1. Hill Avenue

Braintree, MA 02184

Transporter / Company Name

**Clean Harbors Environmental Services, Inc.**

Transporter 2 Company Name

---

**Despatched Facility Name and Site Address**

Clean Harbors El Dorado LLC

309 American Circle

El Dorado, AR 71730

Facility's Phone: (870) 863-7173

---

**1. UN/1950, WASTE AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY). (SEE PACKING LIST, 2.1)**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DF</td>
<td>00005 G</td>
<td>D001</td>
</tr>
</tbody>
</table>

---

**Risk Labeling (marking and labeling characteristics)**

- **Flammable Waste Aerosols**

---

**Transporter Information**

**11. Export from U.S.**

- **Port of entry/exit:**
- **Data leaving U.S.:**
- **Month:** 02
- **Day:** 15
- **Year:** 23

---

**Facility Information**

- **Generator:**
- **Co-uncil President:**
- **Date:** 03/08/2023

---

**Designated Facility to EPA’s Manifest System**

**BR 2300991739**
<table>
<thead>
<tr>
<th>1. Generator ID Number</th>
<th>MADC053452637</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Emergency Response Phone</td>
<td>(800) 463-3718</td>
</tr>
<tr>
<td>3. Manifest Tracking Number</td>
<td>017859459 FLE</td>
</tr>
<tr>
<td>4. U.S. EPA ID Number</td>
<td>MADC039322250</td>
</tr>
<tr>
<td>5. Designated Facility Name and Site Address</td>
<td>Clean Harbors El Dorado LLC 309 American Circle El Dorado, AR 71730</td>
</tr>
<tr>
<td>6. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)</td>
<td>NON D.O.T. REGULATED, (MERCURY)</td>
</tr>
<tr>
<td>7. Generator's Site Address (if different than mailing address)</td>
<td>SAME</td>
</tr>
<tr>
<td>8. Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>9. Transporter 1 Phone Number</td>
<td>781-390-7100</td>
</tr>
<tr>
<td>10. Containers</td>
<td>008 CF 00128 P</td>
</tr>
<tr>
<td>11. Total Quantity</td>
<td></td>
</tr>
<tr>
<td>12. Unit Weight</td>
<td></td>
</tr>
<tr>
<td>13. Waste Codes</td>
<td>MA65</td>
</tr>
<tr>
<td>14. Additional Information</td>
<td>None</td>
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</tbody>
</table>

**Transporter Information**

<table>
<thead>
<tr>
<th>15. International Shipment</th>
<th>Import to U.S.</th>
<th>Export from U.S.</th>
<th>Port of entry/exit</th>
<th>Date leaving U.S.</th>
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</thead>
</table>

**Transporter Acknowledgment of Receipt of Materials**

<table>
<thead>
<tr>
<th>16. Transporter 1 Printed/Typed Name</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>17. Transporter 2 Printed/Typed Name</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
<th>Year</th>
</tr>
</thead>
</table>

**Transporter Acknowledgment of Receipt of Materials**

<table>
<thead>
<tr>
<th>18. Discrepancy</th>
<th>18a. Discrepancy Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Resolve</th>
<th>Partial Rejection</th>
<th>Full Rejection</th>
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</thead>
</table>

**Manifest Reference Number**

<table>
<thead>
<tr>
<th>19. Alternate Facility (or Generator)</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
</table>

| 20. Designated Facility Owner or Operator Certification of Receipt of Hazardous Materials Covered by the Manifest except as Noted in Item 18a | Signature | Month | Day | Year |

---

**Office of the Town Council | Braintree, Massachusetts**
**Meredith Boericke, Council President**
**03/08/2023**

---

**Page 83**
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>UN Number</th>
<th>Container Type</th>
<th>Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEC 19050592</td>
<td>UN2205</td>
<td>CF</td>
<td>80</td>
</tr>
</tbody>
</table>

**Contract retention by generator confirms an initial transporter to add or substitute additional transporters on generators' behalf for purposes of transportation efficiency and convenience.**

**GENERATOR'S SENDER'S CERTIFICATION:** I certify that the contents of this consignment shall be duly and accurately described above and the proper shipping name, and that the goods are in a condition permitting their safe transport.

**Export Declaration:**
- Exporter: Clean Harbors El Dorado LLC
- Port of Entry: El Dorado, AR
- Port of Destination: El Dorado, AR
- Exporter's Signature: 

**Transporter Acknowledgment of Receipt of Materials**
- **Transporter A:**
  - Name: John Basso
  - Signature: 
- **Transporter B:**
  - Name: 
  - Signature: 

**Discrepancy**
- **Discrepancy Description:** 
- **Discrepancy Quantity:** 
- **Discrepancy Type:** 
- **Residue:** 
- **Partial Rejection:** 
- **Full Rejection:** 

**Facility's Name:**
- **Facility's Phone:**
- **Facility's Signature:**

**Designated Facility to EPA's Manifest System**
- **Designated Facility:** 
- **Facility's Signature:**

**EPA Form #:**
- **EPA Form #:** 312.70-0005

**Generated by:**
- **Generator:** 
- **Date:** 03/08/2023

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

1. Generator ID Number: MED001098458
2. Page 1 of 2
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 018442359 FLE

5. Generator's Name and Mailing Address:
   Texas Instruments Incorporated
   8 Foden Rd MS: 4472
   South Portland, ME 04106

6. Transporter 1 Company Name:
   Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name:

8. Transporter 1 Mailing Address:
   ATTN: Environmental Specialist
   8 Foden Rd MS: 4472
   South Portland, ME 04106

9. U.S. DOT Description (including proper shipping name, hazard class, ID number, and packing group if any):

10. Container No.

11. Total Quantity

12. Unit

13. Waste Codes

14. Additional Information:

15. Generator's Signature:

16. Transporter's Signature:

17. Transportation Identification:

18. Discrepancy:

19. Alternate Facility (or Generator):

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

EPA Form 8700.22 Rev. 12-17 Previous editions are obsolete.
UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: 1D30002705
2. Page 1 of 1
3. Emergency Response Phone: (800) 498-3718
4. Manifest Tracking Number: 018175389 FLI

5. Generator's Name and Mailing Address:
   Boston Gas Company
   170 Data Drive
   Waltham, MA 02451
   Generator's Phone: 781-950-2847
   ATTN: Susan Brindley

6. Transporter 1 Company Name:
   Clean Harbors Environmental Services, Inc.
   309 American Circle
   El Dorado, AR 71730
   Transporter 1 Phone: 870-982-7472

7. Transporter 2 Company Name:
   Clean Harbors El Dorado, LLC
   309 American Circle
   El Dorado, AR 71730
   Transporter 2 Phone:

8. U.S. EPA D Number:
   M038322250

9. U.S. EPA D Number:
   AD0684192

10. Containers
    
    | No. | Type | 11. Total Quantity | 12. Unit | 13. Waste Codes |
    |-----|------|--------------------|---------|----------------|
    |     |      |                    |         |                |

11. Hazard and Packing Group (if any):
    NON DOT REGULATED MATERIAL (PROPYLENE GLYCOL, ETHYLENE GLYCOL)

12. Special Handling Instructions and Additional Information
    (3 ≥ 55)

13. Generator/Submitter's Signature:
    Cody Hamilton

14. International Shipment:
    [ ] Export to U.S.
    [ ] Export from U.S.
    [ ] Port of entry/exit:
    [ ] Date leaving U.S.

15. Transporter Acknowledgment of Receipt of Materials
    [ ] Transporter 1 Printed/Typed Name: Cody Hamilton
    [ ] Signatures

16. Discrepancy
    [ ] Discrepancy
    [ ] Quantity
    [ ] Type
    [ ] Residue
    [ ] Partial Rejection
    [ ] Full Rejection

17. Alternate Facility (or Generator)
    [ ] Alternate Facility Name:
    [ ] U.S. EPA D Number:
    [ ] Facility's Phone:

18. Signature of Alternate Facility (or Generator)
    [ ] Signature

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
    [ ] H040

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 15a
    [ ] Type
    [ ] Printed/Typed Name
    [ ] Signature

EPA Form 8760-22 (Rev. 12-17) Previous editions are obsolete.
### Generator Declaration Form

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. **Generator ID Number**: MAR00501270
2. **Page 1 of 1**
3. **Emergency Response Phone**: (800) 483-3718
4. **Manifest Tracking Number**: 017856856 F

### Generator Details

- **Name of Generator**: Tim Chambers
- **Address**: 2 Latti Farm Rd, Millbury, MA 01527
- **Phone**: (508) 787-7444
- **ATTN**: Charlie Thibault

### Transporter Details

- **Company Name**: Clean Harbors Environmental Services, Inc.
- **Address**: 3763 Highway 471, Colfax, LA 71417
- **Phone**: (318) 627-3443

### Waste Information

<table>
<thead>
<tr>
<th>No.</th>
<th>Waste Code</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>D003</td>
<td>UN3268, WASTE SAFETY DEVICES, 9</td>
<td>001 DM 00150 P</td>
</tr>
</tbody>
</table>

**Manifesting Authority**

- **Signatures**:
  - **Generator/Operator**: Mike Bogg
  - **Transporter**: Kyle Brennan

**Disclaimer**

This form must be completed by the generator or their authorized representative. The generator certifies that the information provided is true and complete. The transporter confirms receipt of the manifest. The manifest is to be retained by the generator and transported with the hazardous waste. The transporter is responsible for maintaining the manifest for at least 2 years from the date of transport.

**EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.**

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023  
Page 87
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MAC00011240</td>
<td>1</td>
<td>(800) 483-3718</td>
<td>018175329 FL</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Generator Name and Mailing Address</th>
<th>6. Transporter 1 Company Name</th>
<th>7. Transporter 2 Company Name</th>
<th>8. Designated Facility Name and Site Address</th>
<th>9a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eversource Energy</td>
<td>Clean Harbors Environmental Services, Inc.</td>
<td>Clean Harbors El Dorado LLC</td>
<td>309 American Circle</td>
<td>ARD098748192</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1590, WASTE AEROSOLS, FLAMMABLE, (EACH NOT EXCEEDING 1 L CAPACITY): 2.1</td>
<td>002</td>
<td>DM 200</td>
<td>P 0001</td>
<td></td>
</tr>
</tbody>
</table>

14. Special Handling Instructions and Additional Information: 
- [ ] VV 6988 2X55

- Generator/Owner's Printed/Typed Name: SAMUEL DI CICCO

Contract retained by generator or owner agent.

- Date of manifest:

17. Transporter Acknowledgment of Receipt of Materials

- Transporter 1 Printed/Typed Name: SAMUEL DI CICCO

- Transporter 2 Printed/Typed Name: SAMUEL DI CICCO

19. Alternate Facility (or Generator) Name: U.S. EPA ID Number

Facility's Phone: 1-800-483-3718

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

- H040

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

- Printed/Typed Name: SAMUEL DI CICCO

DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM:

SB 2300773254-003 PPW
<table>
<thead>
<tr>
<th><strong>Generator</strong></th>
<th><strong>Signatory</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Contract retained by generator certifies that:**

15. **GENERATOR’S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. I export shipped and I am the Primary Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

**Transporter Information:**

16. International Shipment: [ ] Import to U.S. [ ] Export from U.S. [ ] Port of Entry: [ ] Date Leaving U.S: [ ]

17. Transporter Acknowledgment of Receipt of Materials: [ ]

18. Discrepancy: [ ]

19. Alternate Facility (or Generator): [ ]

20. Designated Facility Owner or Operator: Certification of receipt of hazardous material is covered by the manifest except as noted in Item 15b.
**DOCUMENT NO.** 0554235  
**STRAIGHT BILL OF LADING**

<table>
<thead>
<tr>
<th>TRANSPORTER 1</th>
<th>Vehicle ID #</th>
<th>TRANSP. 1 PHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
<td></td>
<td>(781) 792-6000</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSPORTER 2</th>
<th>Vehicle ID #</th>
<th>TRANSP. 2 PHONE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### DESIGNATED FACILITY
- **FACILITY EPA ID #**: ARD069748192
- **ADDRESS**: 309 American Circle
- **CITY**: El Dorado
- **STATE ZIP**: AR 71730

### SHIPPER
- **ATTN**: Darvel Hillstrom
- **SHIPPER EPA ID #**: MAC300093929
- **ADDRESS**: 9 Crosby Drive
- **CITY**: Bedford
- **STATE ZIP**: MA 01730

### CONTAINERS
<table>
<thead>
<tr>
<th>NO. &amp; SIZE</th>
<th>TYPE</th>
<th>HM</th>
<th>DESCRIPTION OF MATERIALS</th>
<th>TOTAL QUANTITY</th>
<th>UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/SS</td>
<td></td>
<td></td>
<td>NON DOT REGULATED MATERIAL (SPENT CARBON)</td>
<td>200</td>
<td>P.</td>
</tr>
</tbody>
</table>

### SPECIAL HANDLING INSTRUCTIONS
- **EMERGENCY PHONE #**: (800) 463-3718
- **GENERATOR**: Entegris Inc

**SHIPPERS CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

<table>
<thead>
<tr>
<th>SHIPPER PRINT</th>
<th>SIGN</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Finn</td>
<td></td>
<td>03/01</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSPORTER 1 PRINT</th>
<th>SIGN</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abigail S. Tuahes</td>
<td></td>
<td>02/10/20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TRANSPORTER 2 PRINT</th>
<th>SIGN</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAR00501551
2. Page of 1
3. Emergency Response Phone: (800) 483-3718
4. Manifest Tracking Number: 017261335 F

5. Generator Name and Mailing Address:
Enlheits Inc
129 Concord Road
Billerica, MA 01821

6. Designated Facility Name and Site Address:
Clean Harbors El Dorado LLC
309 American Circle
El Dorado, AR 71730

9a. UN/HS Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group [if any]):
UN3375, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (ISOPROPYL ALCOHOL AND FILTERS), 4.1, PG II

13. Waste Codes: 002 DF 400 P

Contract retained by generator confirms authority on initial transporter to add or substitute additional transporters on generator’s behalf for purposes of transportation efficiency, convenience.

15. GENERATOR’S OFFICER’S CERTIFICATION: I hereby declare that the contents of this consignment are truly and accurately described above by the proper shipping name, and are classified, packed, marked, and labeled/boxed, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I have shipped and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.37(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Officer’s Printed Name: Juarin Jimenez
Signature: [Signature]
Month Day: 3/10

16. Discrepancy:
16a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Reje

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):
1. H040
2. H041
3. H042
4. H043

20. Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a:
Printed/Typed Name: [Printed/Typed Name]
Signature: [Signature]
Month Day: [Month Day]

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.
Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.
<table>
<thead>
<tr>
<th>Generator ID Number: MAD 982192361</th>
<th>Emergency Response Phone: (800) 424-9300</th>
<th>Manifest Tracking Number: 017261329 FLE</th>
</tr>
</thead>
</table>

**Generator Information**
- **Name:** Clean Harbors Environmental Services, Inc.
- **Address:** 2 Oak Park
- **City:** Bedford, MA 01730
- **Phone:** (781) 391-9105
- **ATTN:** Michael Devaire

**Transporter Information**
- **Name:** Clean Harbors El Dorado LLC
- **Address:** 309 American Circle
- **City:** El Dorado, AR 71730
- **Phone:** 870-862-7178

**Waste Description**
- **NA3062, HAZARDOUS WASTE, LIQUID, N.O.S., (CHLOROFORM), 9. PG III**
- **Quantity:** 440 gal

**Emergency Contact**
- **In case of Emergency, Fire, Spill, etc., Call Chemtex: 800-424-9300
- **Acct:** C05688

**Transporter Information**
- **Name:** Michael Devaire
- **Signature:**

**Transpoter Information**
- **Name:**
- **Signature:**

**Declaration**
- **Date of Receipt:** 03/08/2023
- **Person Responsible:**

**Hazardous Waste Manifest**
- **Hazard Class:** A, B, C, D, E
- **Special Handling:**

**Additional Information**
- **U.S. EPA ID Number:** MAD 3922250
- **U.S. EPA ID Number:** ARD 069748192
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

<table>
<thead>
<tr>
<th>UNIFORM HAZARDOUS WASTE MANIFEST</th>
<th>Generator ID Number</th>
<th>Page 1 of 1</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>MADO0105523</td>
<td></td>
<td>(800) 483-3718</td>
<td>017261314 FL</td>
</tr>
</tbody>
</table>

5. Generator's Name and Mailing Address
Raytheon Company
350 Lowell Street M/S A1N F03
Andover, MA 01810
Generator's Phone: (978) 470-5792
ATHMichael Gambale

6. Transporter 1 Company Name
Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name

8. Designated Facility Name and Site Address
Clean Harbors El Dorado LLC
309 American Circle
El Dorado, AR 71730

<table>
<thead>
<tr>
<th>No.</th>
<th>U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)</th>
<th>11. Total Quantity</th>
<th>12. Unit Vt./Wt./Vol.</th>
<th>13. Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>UN1329, WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S. / (PROPAOL. METHYL ETHYL KETONE). 4.1 PG II</td>
<td>13 DM 802 P</td>
<td></td>
<td>D001 D004 D</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>D006 D007 D</td>
</tr>
<tr>
<td></td>
<td>NON DOT REGULATED MATERIAL. (COOLANT. CERAMIC. POLYESTER RESIN)</td>
<td>1 DM 177 P</td>
<td></td>
<td>MA99</td>
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</table>

15. Container Information

16. Special Handling Instructions and Additional Information

17. Authority on initial transporter to add or substitute additional transporters on generator’s behalf for purposes of transportation-affected compliance

18. Generator/Signer’s Printed/Typed Name
Adele Davis

19. International Shipment
Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.: 

20. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name
Transporter 2 Printed/Typed Name

21. Discrepancy

22. Alternate Facility (or Generator)
Facility’s Phone: 
Facility’s Signature: Alternate Facility (or Generator) 
Signature: 

23. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

24. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 15a

EPA Form 6700-22 (Rev. 12-17) Previous editions are obsolete.

Designated Facility to EPA’s e-MANIFEST by:

Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 93
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

1. Generator ID Number: MED95467653
2. Emergency Response Phone: (900) 483-3718
3. Manifest Tracking Number: 018442362 FLE
4. Generator Address: P.O. Box 16, Round Pond, ME 04564
5. Generator Phone: 207-529-5819
6. Generator's Site Address (if different than mailing address): 600 Lower Round Pond Road, Round Pond, ME 04564
7. Generator's Site Address (if different than mailing address): ATTN: Thomas Hammer
8. Transporter 1 Company Name: Clean Harbors Environmental Services, Inc.
9. Transporter 1 Company Name: U.S. EPA ID Number: M 039322250
10. Designated Facility Name and Site Address: Clean Harbors El Dorado LLC
11. Designated Facility Name and Site Address: 309 American Circle
12. Designated Facility Name and Site Address: El Dorado, AR 71730
13. Designated Facility Name and Site Address: U.S. EPA ID Number: ARD069748192
14. DOT Description (including proper shipping name, hazard class, ID number, and packing group if any): NA3082, HAZARDOUS WASTE, LIQUID, N.O.S., (LEAD), 9, PG III
15. Description of additional items or containers: None
16. Description of additional items or containers: None
17. Description of additional items or containers: None
18. Description of additional items or containers: None
19. Description of additional items or containers: None
20. Description of additional items or containers: None

Contract retained by generator's consignee agency or person on initial contract to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency, convenience, or safety.

[Signature]
[Date: 03/08/2023]

[Signature]
[Date: 03/08/2023]
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: M E R 0 0 0 5 0 3 8 7 0

2. Page 1 of 1

3. Emergency Response Phone: (800) 483-3718

4. Manifest Tracking Number: 018442353 FL

---

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3245, WASTE MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S., (ALCOHOL, CHROMIUM), 3, (6.1), PG III</td>
<td>120</td>
<td>BF</td>
<td>P001 P081 P188 U6</td>
</tr>
<tr>
<td>UN3245, WASTE MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S., (ALCOHOL, CHROMIUM), 3, (6.1), PG III</td>
<td>200</td>
<td>DM</td>
<td>P001 P081 P188 U6</td>
</tr>
<tr>
<td>UN3245, WASTE MEDICINE, LIQUID, FLAMMABLE, TOXIC, N.O.S., (ALCOHOL, CHROMIUM), 3, (6.1), PG III</td>
<td>500</td>
<td>CF</td>
<td>P001 P081 P188 U6</td>
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</table>

---

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Page 1 of 1</th>
<th>Manifest Tracking Number</th>
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<tbody>
<tr>
<td>MAD00084100</td>
<td>1</td>
<td>018175265 F1</td>
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</tbody>
</table>

3. Generators Name and Mailing Address

- Ciego Petroleum Corporation
- 295 Quimby Avenue
- Braintree, MA 02184
- Generator Phone: 781-242-2668
- ATTN: Allen Morris

4. Transporter 1 Company Name

- Clean Harbors Environmental Services, Inc.

5. Designated Facility Name and Site Address

- Clean Harbors El Dorado LLC
- 309 American Circle
- Las Vegas, NV 89122

9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

- UN1170, WASTE ETHANOL SOLUTION, 3, PG II

10. Containers

- No. 005
- Type DM
- Quantity 1200
- Unit WT/Val. T
- Waste Codes D001

14. Special Handling Instructions and Additional Information

- CHS52581
- ERG#127

16. International Shipments

- Import to U.S.
- Export from U.S.

17. Transporter Acknowledgment of Receipt of Materials

- Signature: Samuel DiCicco
- Date: 02/10/2023

18. Discrepancy

- Quantity
- Type
- Rejection
- Partial Rejection
- Quantity
- Select Discrepancy Indication Space

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

- H040

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in lines 18a

- Signature: [Signature]
- Month: 02
- Day: 10
- Year: 2023
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>UN1325, WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., (ACETONITRILE, PYRIDINE, 4.1, PG II)</th>
<th>002</th>
<th>006</th>
<th>D001</th>
<th>D038</th>
<th>F 005</th>
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<tbody>
<tr>
<td>UN1325</td>
<td>WASTE TOXIC BY INHALATION LIQUID, FLAMMABLE. N.O.S. (METHYL-ETHYL-KETONE, 6.1, PG I, TOXIC INHALATION HAZARDOUS WASTE - LIQUID, DOT-SPEC 96145)</td>
<td>UN2613</td>
<td>D001</td>
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<tr>
<td>UN2811</td>
<td>TOXIC SOLIDS, ORGANIC, N.O.S., (PHARMACEUTICAL ACTIVE SUBSTANCE), 6.1, PG III</td>
<td>001</td>
<td>006</td>
<td>MA99</td>
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<tr>
<td>UN1790</td>
<td>WASTE HYDROFLUORIC ACID, SOLUTION, B. (6.1, PG II)</td>
<td>004</td>
<td>006</td>
<td>D002</td>
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<td></td>
<td></td>
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</tbody>
</table>

Contract retained by generator contains authority for inland transport to be used in support of operational transporters on generators behalf for purposes of transportation efficiency, convenience, or reduced costs. Contract number is [redacted].

15. GENERATOR/SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled, as required, and are in all respects in proper condition for transport according to applicable international and governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

16. DISCREPANCY

16a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

16b. Alternate Facility (or Generator)

Facility's Name: [redacted]

17. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>H040</td>
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<td>H040</td>
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</tr>
<tr>
<td>H040</td>
<td></td>
</tr>
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</table>

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest, except as noted in Item 18a.
**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator's ID Number: MAD 990671846
2. Page 1 of 2
3. Emergency Response Phone: (908) 483-3718
4. Manifest Tracking Number: 017261341 FI

**Generator's Name and Mailing Address**
Nitto Denko Aveo Inc
126 Fortune Boulevard
Milford, MA 01757

**Designated Facility Name and Site Address**
El Dorado LLC
309 American Circle
El Dorado, AR 71730

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>UN1328</td>
<td>WASTE FLAMMABLE SOLIDS, ORGANIC, N.O.S., (ACETONITRILE, PYRIDINEL 4.1, PG II</td>
<td>003</td>
<td>DM</td>
<td>300</td>
</tr>
</tbody>
</table>

**Special Handling Instructions and Additional Information**

- EBG#133
- OX5X

**Contract Retained by Generator Conference**

**Transporter Information**

- Import into U.S.
- Export from U.S.
- Port of Entry:
- Date entering U.S.:

**Transporter 1 Prior or Type Name**

**Transporter 2 Prior or Type Name**

**Signatures**

- Generator/Owner's or Priced/Typed Name: [Signature]
- Month Day Year: 12/31/12

**Designated Facility**

- EPA Form 8700-22 (Rev. 12-17); Previous editions are obsolete.
**DOCUMENT NO.** 0554229  
**STRAIGHT BILL OF LADING**

**TRANSPORTER 1**  
Clean Harbors Environmental Services, Inc.  
**VEHICLE ID #**

**EPA ID #**  
MAD039322250  
**TRANS. 1 PHONE** (781) 792-8000

**TRANSPORTER 2**  
**VEHICLE ID #**

**EPA ID #**

**DESIGNATED FACILITY**  
Clean Harbors El Dorado LLC  
**SHIPPER** Alkermes Inc.  
**ATTN:** Matthew Chiasson

**FACILITY EPA ID #** ARD0697489192  
**SHIPPER EPA ID #** MAC300013208

**ADDRESS**  
309 American Circle  
**ADDRESS** 852 Winter Street

**CITY** El Dorado  
**STATE** AR  
**ZIP** 71730  
**CITY** Waltham  
**STATE** MA  
**ZIP** 02451

<table>
<thead>
<tr>
<th>CONTAINERS NO. &amp; SIZE</th>
<th>TYPE</th>
<th>HM</th>
<th>DESCRIPTION OF MATERIALS</th>
<th>TOTAL QUANTITY</th>
<th>UNIT WT/VO</th>
</tr>
</thead>
<tbody>
<tr>
<td>003</td>
<td>CF</td>
<td></td>
<td>A. NON DOT REGULATED, (NON HAZARDOUS LAB DEBRIS)</td>
<td>50</td>
<td>P</td>
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</table>

**SPECIAL HANDLING INSTRUCTIONS**  
EMERGENCY PHONE #: (9001) 483-3718  
**GENERATOR:** Alkermes Inc.

**ACH20296651**  
Box

**SHIPPERS CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**SHIPPER**  
**SIGN**  
**DATE** 2-10-23

**TRANSPORTER 1**  
**SIGN**  
**DATE** 2-10-23

**TRANSPORTER 2**  
**SIGN**  
**DATE**

**RECEIVED BY**  
**SIGN**  
**DATE**

**Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.**
**DOCUMENT NO. 0554233  STRAIGHT BILL OF LADING**

**TRANSPORTER 1**
- Clean Harbors Environmental Services, Inc.
- EPA ID # MAD0332250

**TRANSPORTER 2**

---

**DESIGNATED FACILITY**
- Clean Harbors El Dorado LLC
- FACILITY EPA ID # ARD069749192
- ADDRESS 309 American Circle
- CITY El Dorado

**SHIPPER**
- Attn: Matt Chiasson
- SHIPPER EPA ID # MAR000574616
- ADDRESS 982 Winter Street
- CITY Waltham

**CONTAINERS NO. & SIZE**
- 005 CF

**DESCRIPTION OF MATERIALS**
- A. NON DOT REGULATED (NON HAZARDOUS LAB DEBRIS)
- TOTAL QUANTITY 50
- UNIT WT/YO P

**SPECIAL HANDLING INSTRUCTIONS**
- EMERGENCY PHONE #: (800) 483-3718
- GENERATOR: Alkermes Inc.
- CH2029651 SX Box

**SHIPPER**
- NA

**TRANSPORTER 1**
- PRINT

**TRANSPORTER 2**

---

**SHIPPERS CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

---

**GENERATOR ACKNOWLEDGES THAT NO MATERIAL CHANGE HAS OCCURRED EITHER IN THE CHARACTERISTICS OR IN THE PROCESS GENERATING THE MATERIAL.**

---

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023 Page 103

UNIFORM HAZARDOUS WASTE MANIFEST

Generator ID Number: MAD00084498

5. Generator's Name and Mailing Address:
Rohm and Haas Electronic Materials LLC
465 Forest Street
Marlborough, MA 01752

6. Transporter 1 Company Name:
Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name:

8. Designated Facility Name and Site Address:
Clean Harbors El Dorado LLC
309 American Circle
El Dorado, AR 71730

9a. U.S. DOT Description (including proper shipping name, Hazard Class, ID Number, and Packing Group if any):
UN1760, WASTE CORROSIVE LIQUIDS, N.O.S., (MONOETHANOLAMINE SODIUM HYDROXIDE) B PG II

9b. U.S. DOT Description (for long or hazardous waste):

10. Containers No. Type Quantity Waste Codes
   1. 002 D.F. 00060 P D002

Contract retained by generator confers a generator's bill of lading.

Generators/Operators Printed/Typed Name: Thomas Wirthley
Signature: [Sign]
Month Day

15. SIGNATURES: As provided:

Transporter 1 Printed/Typed Name: Kyle Brennan
Signature: [Sign]
Month Day

Transporter 2 Printed/Typed Name: [Sign]
Month Day

17. Transporter Acknowledgment of Receipt of Materials

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):
HO40

20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Facility's Name: ANOTHER CONSENT OF THIS MANIFEST.

Facility's EPA ID Number: MAD003522250

Transporter 1 Name: ANOTHER CONSENT OF THIS MANIFEST.
Transporter 2 Name: ANOTHER CONSENT OF THIS MANIFEST.

EPA Form 5700-22 (Rev. 12-17) Previous editions are obsolete.
(33U) This form is the alternative report format and will report the waste in accordance with the

DESIGNED FACILITY TO EPA's e-MANIFEST SYSTEM.
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number: M00088912384</th>
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<tbody>
<tr>
<td>2. Page 1 of 4</td>
</tr>
<tr>
<td>3. Emergency Response Phone: (908) 429-3848</td>
</tr>
<tr>
<td>4. Manifest Tracking Number: 017856947 FL</td>
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</tbody>
</table>

**Generator's Name and Mailing Address:**
Clean Harbors Environmental Services, Inc.
309 American Circle
El Dorado, AR 72298

**Transporter 1 Company Name:** Clean Harbors El Dorado LLC

**Transporter 1 Company NPI:** ARD08Y451Y2

<table>
<thead>
<tr>
<th>Material Description</th>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
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</thead>
<tbody>
<tr>
<td>1. UN1880, WASTE AEROSOLS, FLAMMABLE, EACH NOT EXCEEDING 1 L CAPACITY</td>
<td>001</td>
<td>CF</td>
<td>00001</td>
<td>D001</td>
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<tr>
<td>2. UN2091, LITHIUM METAL BATTERIES CONTAINED IN EQUIPMENT, O, (UNIVERSAL WASTE)</td>
<td>001</td>
<td>DM</td>
<td>00005</td>
<td>P</td>
</tr>
</tbody>
</table>

**Transporter 2 Company Name:**

**Transporter 2 Company NPI:**

**SIGNATURES:**

**Transporter 1:**

**Transporter 2:**

**SIGNATURES:**

---

**EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.**

**Designated Facility to EPA’s e-Manifest System:**

---

**Office of the Town Council | Braintree, Massachusetts**
Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>Uniform Hazardous Waste Manifest</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Generator ID Number: MAR00053335</td>
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<tr>
<td>2. Page 1 of 1</td>
</tr>
<tr>
<td>3. Emergency Response Phone: (617) 482-3742</td>
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<tr>
<td>4. Manifest Tracking Number: 017856949 F</td>
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</tbody>
</table>

**5. Generator's Name and Mailing Address:**

- **Apple Inc. # R292**
- 146 West Street
- Natick, MA 01760

**6. Generator's Phone:** (617) 222-0096

**7. Transporter 1 Company:** Clean Harbors Environmental Services, Inc.

**8. Transporter 1 Company Address:** 300 American Circle
- El Dorado, AR 71730

**9. Designated Facility Name and Site Address:**

- Clean Harbors El Dorado LLC
- 300 American Circle
- El Dorado, AR 71730

**10. Containers:**

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Total Quantity</th>
<th>Unit Weight</th>
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<tbody>
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<td>00019</td>
<td>P</td>
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**14. Special Handling Instructions and Additional Information:**

- **UN3141, Waste Lithium Ion Batteries Packed With Equipment, S**

**16. International Shipment:**

- Import to U.S.
- Export from U.S.
- Port of entry:
- Date leaving U.S.: 00-00

**17. Transporter Acknowledgment of Receipt of Materials:**

- Signature: 

**18. Discrepancy:**

- Quantity
- Type
- Residue
- Partial Rejection
- Full Rejection

**19. Hazardous Waste Report Management Method Codes:**

- H040

**20. Designated Facility Owner or Operator:**

- Signature: 

**Designated Facility to EPA's e-Manifest System:**

- Signature: 

---

**Office of the Town Council | Braintree, Massachusetts**

**Meredith Boericke, Council President**

03/08/2023
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Container No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
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</table>

**Na3082, HAZARDOUS WASTE, LIQUID, N.O.S., LEAD, 9, PG III**

Contract retained by generator conforme agency.

**13. Discrepancy**

- Quantity
- Type
- Residue
- Partial Rejection
- Full Rejection

**19. Hazardous Waste Report Management Method Code (i.e., codes for hazardous waste treatment, disposal, and recycling systems)**

- H040

**EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.**

**Clean Harbors has the appropriate permits for and will report all materials covered by the manifest except as noted in item 19a.**

**DESIGNATED FACILITY TO FILE WITH EPA FOR RECORDS AND REPORTING REQUIREMENTS.**
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAD001128115</td>
<td>(900) 483-3719</td>
<td>017261309 FLE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Generator Name and Mailing Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saint-Gobain Performance Plastics</td>
</tr>
<tr>
<td>717 Plantation Street</td>
</tr>
<tr>
<td>Worcester, MA 01605</td>
</tr>
<tr>
<td>Generator Phone: (508) 586-3037</td>
</tr>
<tr>
<td>ATTN: Dillon Kempskie</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transporter 1 Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>U.S. EPA ID Number: MAD03932250</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Transporter 2 Company Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors El Dorado LLC</td>
</tr>
<tr>
<td>309 American Circle</td>
</tr>
<tr>
<td>El Dorado, AR 71730</td>
</tr>
<tr>
<td>Facility Phone: (307) 863-7173</td>
</tr>
<tr>
<td>Designated Facility Name and Site Address</td>
</tr>
<tr>
<td>ARD069748192</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Waste Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN3375</td>
<td>WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S. (METHYL ETHYL KETONE, TOLUENE). 4.1 PG II</td>
</tr>
<tr>
<td>003</td>
<td>PM 400 P</td>
</tr>
</tbody>
</table>

Contract retained by generator confirms that this manifest is current and accurately describes the contents of the container(s). The generator certifies that the waste in this container(s) is in accordance with the applicable environmental regulations and that the generator has received the appropriate permits and documentation required for the transport of hazardous waste. The generator further certifies that the transport of the hazardous waste is in accordance with the applicable environmental regulations and that the generator has received the appropriate permits and documentation required for the transport of hazardous waste.

[Signature]
[Date]
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>MAD982192361</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator Name</td>
<td>Discovery Nuclear Inc.</td>
</tr>
<tr>
<td>Generator's Address</td>
<td>2 Oak Park</td>
</tr>
<tr>
<td>BEDFORD, MA 01730</td>
<td></td>
</tr>
<tr>
<td>Generator's Phone</td>
<td>(781) 951-3105</td>
</tr>
<tr>
<td>Facility Phone</td>
<td>(870) 963-7179</td>
</tr>
<tr>
<td>transporter 1 Company Name</td>
<td>Clean Harbor Environmental Services, Inc.</td>
</tr>
<tr>
<td>transporter 2 Company Name</td>
<td></td>
</tr>
<tr>
<td>designated Facility Name</td>
<td>Clean Harbor Environmental Services, Inc.</td>
</tr>
<tr>
<td>designated Facility Address</td>
<td>309 American Circle</td>
</tr>
<tr>
<td>ORLANDO, FL 32809</td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
<td>MAD03932250</td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
<td>ARD069748192</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit of Measure</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>NAC082, HAZARDOUS WASTE, LIQUID, N.O.S. (CHLOROFORM), S. PG III</td>
<td>440</td>
<td>B</td>
<td>D022</td>
</tr>
</tbody>
</table>

**Confirmation and Certification**

I, the generator of this hazardous waste, hereby certify that the characteristics, quantity, and disposal options for this hazardous waste are as described above and are consistent with the labeling and packaging requirements of the hazardous waste. I also certify that all necessary permits and other required documentation have been obtained. This hazardous waste is being transported to the designated facility for disposal. The transporter is authorized to transport this hazardous waste.

**Transporter Information**

| transporter 1 Name | Michael Devarenne |
| transporter 2 Name | Charles Fitzgibbon |

**Date of Filing**

2/13/23

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DF</td>
<td>90</td>
</tr>
<tr>
<td>001</td>
<td>CF</td>
<td>33</td>
</tr>
</tbody>
</table>

**Note:**
- The manifest includes hazardous waste information, including chemical descriptions and quantities.
- The generator and transporter have provided signatures on the manifest.
- The manifest follows the Uniform Hazardous Waste Manifest (UHWM) format, which is required for the transportation of hazardous waste.
- The transporter's name is Michael J. Stackpole, and the date of issue is 03/08/2023.

---

**Office of the Town Council | Braintree, Massachusetts**

Meredith Boericke, Council President

03/08/2023
<table>
<thead>
<tr>
<th>CONTAINER</th>
<th>DESCRIPTION</th>
<th>AMOUNT</th>
<th>CLASSIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UN3375, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (ACETONE, ISOPROPOLANOL), 4.1, PG II</td>
<td>340</td>
<td>P</td>
</tr>
<tr>
<td>2</td>
<td>UN3365, WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (ACETIC ACID, HYDROCHLORIC ACID), B, PG II</td>
<td>30</td>
<td>P</td>
</tr>
</tbody>
</table>

Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>Generators (with their International Maritime Dangerous Goods identification numbers)</th>
<th>Quantity</th>
<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Rejection</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S., (ETHANOL, ETHYL ACETATE), 3, PG II</td>
<td>002</td>
<td>DR</td>
<td>46</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>2. UN1993 WASTE FLAMMABLE LIQUIDS, N.O.S., (ACETONE, ISOPROPYL ALCOHOL), 3, PG II</td>
<td>001</td>
<td>DRM</td>
<td>98</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>3. UN2176 WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (ACETONE, ISOPROPANOL), 4.1, PG II</td>
<td>001</td>
<td>DR</td>
<td>10</td>
<td>P</td>
<td></td>
</tr>
<tr>
<td>4. UN3264 WASTE CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S., (SULFURIC ACID, HCL, HACID), B, PG II</td>
<td>001</td>
<td>DR</td>
<td>24</td>
<td>P</td>
<td></td>
</tr>
</tbody>
</table>
**Uniform Hazardous Waste Manifest**

<table>
<thead>
<tr>
<th>1. Generator ID Number</th>
<th>MADO06649640</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. Page 1 of 1</td>
<td></td>
</tr>
<tr>
<td>3. Emergency Response Phone</td>
<td>(800) 483-3718</td>
</tr>
<tr>
<td>4. Manifest Tracking Number</td>
<td>018406668</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Generator's Name and Address</th>
<th>Clean Harbors Environmental Services, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator's Phone</td>
<td>(781) 937-8675 ATTN: Dave Stratz, MS-423</td>
</tr>
<tr>
<td>Generator's Site Address (IF Different than Mailing Address)</td>
<td>SAME</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>U.S. EPA ID Number</th>
<th>MAD039322250</th>
</tr>
</thead>
<tbody>
<tr>
<td>U.S. EPA ID Number</td>
<td>ARD069748192</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. Designated Facility Name and Site Address</th>
<th>Clean Harbors El Dorado LLC 309 American Circle El Dorado, AR 71730</th>
</tr>
</thead>
<tbody>
<tr>
<td>Facility's Phone</td>
<td>(501) 863-7173</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, IF Any)</th>
<th>NAS077, HAZARDOUS WASTE, SOLID, N.O.S., (ACETONE, XYLANE), 9, PG III</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Containers</td>
<td>1 No. Type Quantity</td>
</tr>
<tr>
<td></td>
<td>104 100 1</td>
</tr>
<tr>
<td></td>
<td>F003</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, IF Any)</th>
<th>NAS077, HAZARDOUS WASTE, SOLID, N.O.S., (LEAD, BARIUM), 9, PG III</th>
</tr>
</thead>
<tbody>
<tr>
<td>10. Containers</td>
<td>1 No. Type Quantity</td>
</tr>
<tr>
<td></td>
<td>104 100 1</td>
</tr>
<tr>
<td></td>
<td>D005 D006</td>
</tr>
</tbody>
</table>

**Contract Retained by Generator (optional):**

- Authority on initial transporter to add or substitute additional transporters on generator's behalf for purposes of transportation efficiency and convenience.

**Generator's or Owner's Printed/Typed Name and Signature:**

- DAVID STRATZ

**Transporter Initials:**

- Signature

**Transporter's Printed/Typed Name:**

- Signature

**Transporter's Phone:**

**Facility's Phone:**

**Signatures:**

- Alternate Facility or Generator

**HAZARDOUS WASTE REPORT FORM**

<table>
<thead>
<tr>
<th>Number</th>
<th>Hazardous Waste Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. HO40</td>
<td></td>
</tr>
<tr>
<td>2. HO40</td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
</tr>
</tbody>
</table>

**Designated Facility Owner or Operator Certification:**

- Signature

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2/15</td>
</tr>
</tbody>
</table>

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
**Document No. 0613004**

**Straight Bill of Lading**

**Transporter 1:** Clean Harbors Environmental Services, Inc.  
**VEHICLE ID #:** 5646

**EPA ID #:** MAD03932280  
**TRANS. 1 PHONE:** (781)-792-5000

**Transporter 2:**  
**VEHICLE ID #:**

**EPA ID #:**

**Trans. 2 PHONE:**

---

**Designated Facility:** Clean Harbors El Dorado LLC  
**Shipper:** Tecomet Incorporated  
**Attn:** Patricia Hirschfeld

**Facility EPA ID #:** ARD069748192  
**Shipper EPA ID #:** MAD039324371

**Address:** 309 American Circle  
**City:** El Dorado  
**State:** AR  
**Zip:** 71730

**Address:** 813 Woburn St  
**City:** Wilmington  
**State:** MA  
**Zip:** 01887

<table>
<thead>
<tr>
<th>Containers No. &amp; Size</th>
<th>Type</th>
<th>HM</th>
<th>Description of Materials</th>
<th>Total Quantity</th>
<th>Unit WT/VC</th>
</tr>
</thead>
<tbody>
<tr>
<td>1x4' CF</td>
<td></td>
<td></td>
<td>A. NON DOT REGULATED MATERIAL, (FLUORESCENT BULBS), UNIVERSAL WASTE LAMPS</td>
<td>15</td>
<td>P</td>
</tr>
</tbody>
</table>

**Special Handling Instructions:** A.CH2368651

**Emergency Phone #:** (300) 483-3718  
**Generator:** Tecomet Incorporated

**Shippers Certification:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**Shipper:** 
**Print:**  
**Sign:**

**Transporter:**
**Transporter 1:**  
**Print:**  
**Sign:**

**Transporter 2:**  
**Print:**  
**Sign:**

**Received By:**
**Print:**  
**Sign:**

---

**Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.**

---

Office of the Town Council | Braintree, Massachusetts  
Meredith Boericke, Council President  
03/08/2023  
Page 116
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Generator's Name and Mailing Address</th>
<th>Transporter's Name and Mailing Address</th>
<th>Claim/Notice of Insurance</th>
<th>Manifest Tracking Number</th>
<th>Generator's Site Address (if different than mailing address)</th>
<th>Transporter's Site Address (if different than mailing address)</th>
</tr>
</thead>
<tbody>
<tr>
<td>M A R C 0 0 5 0 3 8 4 7</td>
<td>Walmart Store #2902 121 Worcester Road Framingham, MA 01701 Generator Phone: (508) 872-6676</td>
<td>Clean Harbors Environmental Services, Inc.</td>
<td>SAME</td>
<td>017812277 F</td>
<td>017812277 F</td>
<td>017812277 F</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>001 DF</td>
<td>00001</td>
<td>P</td>
<td>P001</td>
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</table>

**Detailed Description of Hazardous Waste**

1. RESIDUE LAST CONTAINED, UN3249, WASTE MEDICINE, SOLID, TOXIC, N.O.S., (WARFARIN), 6.1, PG II

**Additional instructions and Addendum Information**

Generator/Officer's Name: Joseph Santilli

**Transporter's Information**

Transporter 1: Joseph Santilli

Transporter 2: Joseph Santilli

**Disclaimer:**

The information provided is for the purpose of generator compliance with federal and state regulations. It is not intended for public distribution. Always consult with a qualified professional for assistance with hazardous waste management and disposal.
**UNIFORM HAZARDOUS WASTE MAINIFEST**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>M V 7 4 3 9 6 6 3 7 2</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>0 1 7 8 1 2 2 8 4</td>
<td></td>
</tr>
</tbody>
</table>

5. Generator's Name and Address

Salon Centric 3703
120 Medway Rd Suite 4
Milford, MA 01757
Generators Phone: 774-396-6372

6. Transporter 1 Company Name

Clean Harbors Environmental Services, Inc.

7. Transporter 2 Company Name


8. Designated Facility Name and Site Address

Clean Harbors Reidsville LLC
208 Wellington Industrial Drive
Reidsville, NC 27320
Facility Phone: (336) 342-6106

9a. HM

Rb, U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>UN2984, WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, 5.1, PG III, (LTD QTY)</td>
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</tbody>
</table>

10. Containers

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Wt./No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>DF</td>
<td>00044</td>
<td>P</td>
</tr>
</tbody>
</table>

11. Total

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>00044</td>
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</tbody>
</table>

12. Unit

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

13. Waste Codes

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>D001</td>
</tr>
</tbody>
</table>

Contract obtained by generator confirms a

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this manifest are true and accurately described above by the proper shipping name, and are classified, packed, marked and labeled/disclaimed, and ship in all respects in proper condition for transport according to applicable international and national environmental regulations. If export shipment and I am the Principal Exporter, I certify that the contents of this manifest conforms to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste minimization statement identified in 40 CFR 262.7(a) if I am a large quantity generator or b) if I am a small quantity generator is true.

Generator/Officer's Printed/Typed Name

Joseph Santilli OBO Salon Centric

Signature

Month Day 02 13

Transporter signature (for exports only):

Import to U.S. Export from U.S. Port of entry/exit Date leaving U.S.

Transporter 1 Printed/Typet Name

Joseph Santilli

Signature

Month Day 02 13

Transporter 2 Printed/Typet Name

Signature

Month Day

16. Discrepancy

16a. Discrepancy Indication Space Quantity Type Resolve Partial Rejection Full Reject

16b. Alternate Facility (or Generator)

Manifold Reference Number

U.S. EPA ID Number

Facility's Phone

Signature

Month Day

18. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>H141</td>
<td></td>
</tr>
</tbody>
</table>

20. Designated Facility Owner or Operator Certification of receipt of hazardous materials covered by the manifest except as noted in item 16a

Printed/Typed Name

Signature

Month Day

Designated Facility TO EPA's MANIFEST S

EPA Form 876-22 (Rev. 12/17) Previous editions are obsolete.

North Haven may not accept the wastes the generator is shipping.

CIR 2300424337 FP
### GENERATOR

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: RID987467362
2. Page 1 of
3. Emergency Response Plan: 1-800-468-1760
4. Manifest Tracking Number: 0086117442 S1

#### 5. Generator's Name and Mailing Address
- **New England Institute of Technology**
  - 2460 Post Rd
  - WARWICK, RI 02886-2243
- **Generator's Phone:** 401-739-5000
- **U.S. EPA ID Number:** TXR0000812

#### 6. Designated Facility Name and Mailing Address
- **CLEAN HARBORS REIDSVILLE, LLC**
  - 200 WATLINGTON INDUSTRIAL DRIVE
  - REIDSVILLE, NC 27320
- **U.S. EPA ID Number:** NCD00006484

#### 7. Transporter Name and Mailing Address
- **Meredith Boericke**, **Co-Council President**
- **Phone:** 336-342-6106

#### 8. Sh. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)
- **UN1789, WASTE HYDROCHLORIC ACID, B, PG II**

#### 10. Total Containers
- **No.:** 1
- **Type:** D

#### 12. Unit Weight (if any)
- **Weight:** 10

#### 13. Waste Codes
- **D002**

#### 14. Special Handling Instructions and Additional Information
- **TSD:** RD 91162575 NE23920
- **CSS:**

#### 15. Generator's Statement
- **Signature:** [Signature]

#### 16. International Shipments
- **Import to U.S.:**
- **Export from U.S.:**

#### 17. Transporter Acknowledgment of Receipt of Materials
- **Transporter 1:** [Signature]
  - **Date:** 2/6/2023
  - **Port of Embark:**

#### 19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
- **H141**

#### Designated Facility

**EPA Form 8700-22 (Rev. 12/77) Previous editions are obsolete.

1. 9711185/2891611**

**Designated Facility to EPA's e-MANIFEST S**
### UNIFORM HAZARDOUS WASTE MANIFEST

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Type</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>NR3902, HAZARDOUS WASTE, LIQUID, N.O.S. (CHROMIUM, LEAD), 9</td>
<td>DM</td>
<td>15</td>
</tr>
</tbody>
</table>

**Transporter Information**

- **Company**: CLEAN HARBORS REIDSVILLE, LLC
- **Address**: 280 WELINGTON INDUSTRIAL DRIVE, REIDSVILLE, NC 27326
- **Phone**: 336-342-6106
- **EPA ID Number**: TXR000081
- **Facility Phone**: 560-457-3908

**Date and Signatures**

*Signature*: [Signature]

*Month/Day*: 2/10

**Designated Facility**

*Signature*: [Signature]

*Month/Day*: 2/10
UN2810, WASTE TOXIC LIQUIDS, ORGANIC, N.O.S. (LEAD, CRESOL), 6.1, PG II

1. 001 DF 00303 P U279 D005 D

2. 001 DM 00505 P D007 D008 D

14. Additional Type of Hazardous Waste Classification:

1. SJ TOX 2030 S06#113 1X55
2. W07 Mixed - Recycl 1X55

Contract retains by generator and is subject to audit.

I certify that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the waste minimization statement (described in 40 CFR 262.21(b) (1) if I am a large quantity generator) or (2) (if I am a small quantity generator) is true.

Transporter Signature (for exports only):

International Shipment:

Import to U.S. ☐ Export from U.S. ☐
Port of entry/exit Date leaving U.S.

Transporter Acknowledgment of Receipt of Materials:

Transporter 1 Printed/Typed Name:

Transporter 2 Printed/Typed Name:

Discrepancy:

Discrepancy Indication Space: ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Alternate Facility (or Generator):

Facility's Name:

U.S. EPA ID Number:

Designated Facility (Facility's Name):

Designated Facility Owner or Operator's Name:

Printed/Typed Name:

Signature:

Date: Month Day Year:

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
**DOCUMENT NO.** 0613007  
**STRAIGHT BILL OF LADING**

**TRANSPORTER 1**  
- **Clean Harbors Environmental Services, Inc.**  
- **EPA ID #** MA039322256  
- **TRANS. 1 PHONE** (781) 792-50x

**TRANSPORTER 2**  
- **EPA ID #**

**DESIGNATED FACILITY**  
- **Clean Harbors Deer Park, LLC**  
- **FACILITY EPA ID #** TXD055141378  
- **ADDRESS** 2027 Independence Parkway South  
- **CITY** La Porte  
- **STATE** TX  
- **ZIP** 77571

**SHIPPER**  
- **Nexcelom Bioscience**  
- **SHIPPER EPA ID #** NONEREQUIRED  
- **ADDRESS** 360 Merrimack Street  
- **CITY** Lawrence  
- **STATE** MA  
- **ZIP** 01844

**CONTAINERS NO. & SIZE**  
- **TYPE** CF  
- **HM** X

**DESCRIPTION OF MATERIALS**  
- **A.** UN5291, REGULATED MEDICAL WASTE, N.O.S., 6.2, PG II, (BI0 HAZARDOUS WASTE)

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<tr>
<th>CONTAINERS NO. &amp; SIZE</th>
<th>TYPE</th>
<th>HM</th>
<th>DESCRIPTION OF MATERIALS</th>
<th>TOTAL QUANTITY</th>
<th>UN WT?</th>
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<tbody>
<tr>
<td>344.5 CF</td>
<td>X</td>
<td></td>
<td>A. UN5291, REGULATED MEDICAL WASTE, N.O.S., 6.2, PG II, (BIO HAZARDOUS WASTE)</td>
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</table>

**SPECIAL HANDLING INSTRUCTIONS**  
ACH1713054ERG#108  
EMERGENCY PHONE #: (800) 483-3718  
GENERATOR: Nexcelom Bioscience

**SHIPPER'S CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**GENERATOR ACKNOWLEDGES that no material change has occurred either in the characteristics or in the process generating the material.**

**SIGNATURES:**

<table>
<thead>
<tr>
<th>SHIPPER</th>
<th>PRINT</th>
<th>SIGN</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<table>
<thead>
<tr>
<th>TRANSPORTER 1</th>
<th>PRINT</th>
<th>SIGN</th>
<th>DATE</th>
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<tbody>
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</table>
Office of the Town Council | Braintree, Massachusetts

Meredith Boericke, Council President
03/08/2023

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**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>MAD985293992</td>
<td>1</td>
<td>(800) 483-3716</td>
<td>018407105 FL</td>
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<table>
<thead>
<tr>
<th>Generator's Name and Mailing Address</th>
<th>Generator's Site Address (if different than mailing address)</th>
</tr>
</thead>
<tbody>
<tr>
<td>MedChem Products</td>
<td>SAME</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Transporter 1 Company Name</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
<td>WAD98322250</td>
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<table>
<thead>
<tr>
<th>6. Transporter 2 Company Name</th>
<th>U.S. EPA ID Number</th>
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<tr>
<td>Clean Harbors Reidsville LLC</td>
<td>NCD000648451</td>
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**Material Information**

<table>
<thead>
<tr>
<th>Hazardous Material Description</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit of Measure</th>
<th>Waste Code</th>
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<tbody>
<tr>
<td>UN3099, WASTE OXIDIZING LIQUID, TOXIC, N.O.S.</td>
<td>DF</td>
<td>00010</td>
<td>P</td>
<td>D001 D008</td>
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**Shipping Information**

<table>
<thead>
<tr>
<th>15. Generator/Shipper's Certification</th>
<th>16. Transporter's Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>I certify that the contents of this consignment are fully and accurately described above and are properly marked, packed, and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.</td>
<td>I certify that the waste minimization statement identified in 40 CFR 262.27(p) is true.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>17. Transporter's Signature (for exports only)</th>
<th>Signatures</th>
</tr>
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<tbody>
<tr>
<td>Signature</td>
<td>Signature</td>
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</tbody>
</table>

**Manifest Information**

- **Manifest Reference Number:**
- **U.S. EPA ID Number:**
- **Facility's Phone:**
- **Signature:**
- **Hazardous Waste Report Management Method Code:**
- **Designated Facility:**
  - **EPA Form:**
  - **Previous editions are obsolete.**
  - **Clean Harbors has the appropriate permits for and will accept the waste the generator is shipping.**

---

**OFFICIAL USE:**

**DESIGNATED FACILITY TO EPA's e-MANIFEST:**

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

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Page 124
<table>
<thead>
<tr>
<th>GENERATOR</th>
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<tr>
<td>UNIFORM HAZARDOUS WASTE MANIFEST</td>
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<td>3. Emergency Response Phone</td>
<td>(800) 483-3718</td>
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<td>Generator's Site Address (if different than mailing address)</td>
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<tr>
<td>6. Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
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<td>8. Designated Facility Name and Site Address</td>
<td>Clean Harbors Reidsville LLC</td>
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<tr>
<td>Facility's Phone</td>
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<tr>
<td>9a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any)</td>
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<tr>
<td>No.</td>
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<td>Weight (lb)</td>
<td>Wt/Lbs</td>
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</tbody>
</table>

Contract returned by generator confirms:

15. GENERATOR/SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. I export shipment and I am the Primary Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (I am a large quantity generator) or (b) (I am a small quantity generator) is true.

Signature:          

[Signature]

Date:          

[Date]

Office of the Town Council | Braintree, Massachusetts

Meredith Boericke, Council President

03/08/2023
<table>
<thead>
<tr>
<th></th>
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<tbody>
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<td>CT0072147259</td>
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<td></td>
<td>(800) 483-3718</td>
<td>018330904-F</td>
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5. Generator Address: 2800 Main St, Attn: Merit Boericke
6. Transporter Company Name: Clean Harbors Environmental Services, Inc.
7. Transporter Company Name: ATTEN: Elisete Oliveira-Lisboa

<table>
<thead>
<tr>
<th>UN3291, WASTE MEDICAL WASTE, N.O.S., (SHARPS, WARFARIN), 8.2, PG II</th>
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<tbody>
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<td>001 CF 00050 P</td>
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14. Transporter's Name: Tim Madorno
15. International Shipments: Import to U.S.
16. Discrepancy: Quantity
17. Discrepancy Indication Space: Quantity
18. Alternate Facility: U.S. EPA ID Number
19. Hazardous Waste Report Management: Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 126
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Page 1 of 1</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
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<tbody>
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<td>MA000502252</td>
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<td>018406611 F</td>
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<thead>
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<th>Generator's Name and Mailing Address</th>
<th>Generator's Site Address (if different than mailing address)</th>
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</thead>
<tbody>
<tr>
<td>Walmart Supercenter 2103</td>
<td>SAME</td>
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<tr>
<td>Walpole, MA 02081</td>
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<table>
<thead>
<tr>
<th>Transporter 1 Company Name</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
<td>MA039322250</td>
</tr>
<tr>
<td>Clean Harbors Reidsville LLC</td>
<td>NCD0000848451</td>
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<table>
<thead>
<tr>
<th>Item</th>
<th>Residue Last Contained</th>
<th>UN Number</th>
<th>Quantity</th>
<th>Unit</th>
<th>Waste Codes</th>
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<tbody>
<tr>
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<td>RESIDUE LAST CONTAINED, UN3249, WASTE MEDICINE, SOLID, TOXIC, N.O.S., WARFARIN, 6.1, PG II</td>
<td>UN3249</td>
<td>0001 CF 00001 P</td>
<td>P001</td>
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<tr>
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<td>0001 CF 00001 P</td>
<td>U035 U056 U122 U128</td>
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<table>
<thead>
<tr>
<th>Special Handling Instructions and Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. WM502521</td>
</tr>
<tr>
<td>2. WM502521</td>
</tr>
</tbody>
</table>

Contract retained by generator certifies that the contents of this consignment are duly and accurately described above by the proper shipping name, and are classified, packed, marked and labeled as directed, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primus Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste identification statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

<table>
<thead>
<tr>
<th>Transporter INTL</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
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<tbody>
<tr>
<td>F. C.</td>
<td></td>
<td>02</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discrepancy</th>
<th>Quantity</th>
<th>Type</th>
<th>Residue</th>
<th>Partial Rejection</th>
<th>Full Rej</th>
<th>Waived Reference Number</th>
<th>U.S. EPA ID Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Alternate Facility (or Generator)</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>02</td>
<td>14</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. H141</td>
</tr>
</tbody>
</table>

EPA Form 8700-22 (Rev. 12/17) Previous editions are obsolete.
Clean Harbors has the appropriate permits for and will accept the waste the generator is endorsed.
<table>
<thead>
<tr>
<th>GENERATOR</th>
<th>103. Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1980, WASTE AEROSOLS, 2.1</td>
<td>001 DF 00050 P 001</td>
</tr>
<tr>
<td>UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (D001), 3, PG II</td>
<td>001 CF 00012 P 001</td>
</tr>
<tr>
<td>UN1993, WASTE FLAMMABLE LIQUIDS, N.O.S., (D001), 3, PG II</td>
<td>001 DF 00004 P U002 U154 D018 D035</td>
</tr>
<tr>
<td>UN3266, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (D002), 8, PG II</td>
<td>001 DF 00005 P 002</td>
</tr>
</tbody>
</table>

---

**Signature**

Emirsto CEREME

Month: 02  Day: 14

---

**Transporter 2 Printed/Typed Name**

Emirsto CEREME

Month: 02  Day: 14

---

**Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)**

- H141

---

**Designated Facility Owner or Operator Certification**

Month: 03  Day: 08
<table>
<thead>
<tr>
<th>1. Generator ID Number</th>
<th>Page 1 of 1</th>
<th>3. Emergency Response Phone</th>
<th>4. Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>N11D51102C06303</td>
<td></td>
<td>(909) 493-5016</td>
<td>017261819</td>
</tr>
</tbody>
</table>

5. Generator's Name and Mailing Address: El Puro Wholesale Club # 0220 200 John E. Devine Road Manchester, NH 03103 Generator's Phone: (603) 143-7326

7. Transporter 2 Company Name: Clean Harbors Environmental Services, Inc. U.S. EPA ID Number: MA002322250

8. Designated Facility Name and Site Address: Clean Harbors Reidville LLC 200 Washington Industrial Drive Reidville, NC 29739 U.S. EPA ID Number: NCD000648451

| Sa | HC | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z |
| 1. | RQ | UN3176, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., METHYL ETHYL KETONE, BENZENE, 4.1, PG II, CRO | 002 | DM | 00200 | P | H102 | H326 |
| 2. | UN3288, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (POTASSIUM HYDROXIDE, SODIUM HYDROXIDE), 8, PG II | 001 | DF | 00020 | P | D001 | D005 |
| 3. | NON DOT, NON RCRA REGULATED LIQUID | 001 | DF | 00150 | P | H101 |
| 4. | RQ, NON DOT REGULATED (RQ) | 001 | DM | 00175 | P |

13. Canada Material Code: H102, H326, D001, D005, H101

14. Social Handling Instructions: Additional Information

15. Generator/Certifier's Signature: Samantha Casey

16. International Shipment: Yes

17. Transporter Acknowledgement of Receipt of Materials: Mike Grabianski

18. Discrepancy: No

19. Hazardous Waste Report Management Method Code (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete.
## Uniform Hazardous Waste Manifest

**Generator Information**
- **Name:** Clean Harbors Environmental Services, Inc.
- **Address:** 200 Washington Industrial Drive, Reidsville, NC 27320
- **U.S. EPA ID Number:** M400356
- **Transporter Company Name:** Clean Harbors Reidsville LLC
- **Transporter Company Address:** 200 Washington Industrial Drive, Reidsville, NC 27320
- **U.S. EPA ID Number:** NCD00097

**Manifest Information**
- **Manifest Number:** 01726181
- **Generator's Site Address:** 40 Old Dover Rd Suite 1, Newington, NH 03801
- **Generator's Phone:** (603) 436-0469
- **Transporter's Company Name:** Clean Harbors Reidsville LLC
- **Transporter's Company Address:** 200 Washington Industrial Drive, Reidsville, NC 27320
- **Transporter's Phone:** (252) 342-9105

**Waste Description**

<table>
<thead>
<tr>
<th>UN Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1560</td>
<td>Waste Aerosols, Flammable (each hot exceeding 11 L capacity, 21 L LTD QTY)</td>
<td>001</td>
<td>DF</td>
<td>001</td>
</tr>
<tr>
<td>UN1257</td>
<td>Waste Perfumery Products with Flammable Solvents, 5, FG II, Limited Quantity</td>
<td>001</td>
<td>DF</td>
<td>001</td>
</tr>
<tr>
<td>UN1479</td>
<td>Waste Oxidizing Solid, N.O.S. (Potassium Persulfate, Sodium Persulfate) 5, FG III, Limited Quantity</td>
<td>001</td>
<td>DF</td>
<td>001</td>
</tr>
<tr>
<td>UN1760</td>
<td>Corrosive Liquids, N.O.S. (Ammonium Hydroxide, Ethanolamine) 5, FG II, Limited Quantity</td>
<td>001</td>
<td>DF</td>
<td>001</td>
</tr>
</tbody>
</table>

**Signature and Certification**

- **Generator's Signature:** Amy Chamberlain
- **Transporter's Signature:** Mike Grabianowski

**Additional Information**
- **Generator's City:** Reidsville
- **Transporter's City:** Reidsville

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>No.</th>
<th>UN Number</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit of Measurement</th>
<th>Wastes Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UN1479</td>
<td>WASTE OXIDIZING SOLID, N.O.S., (D001), 5.1, PG III</td>
<td>0045</td>
<td>P</td>
<td>D001</td>
</tr>
<tr>
<td>2</td>
<td>RESIDUE LAST CONTAINED, UN3249, WASTE MEDICINE, SOLID, TOXIC, N.O.S., (WARFARIN), 6.1, PG II</td>
<td>0001</td>
<td>P</td>
<td>P001</td>
<td></td>
</tr>
</tbody>
</table>

Contract retained by generator or owner:

Authority on initial importer to add or substitute additional transportation or manifest on its own behalf for purposes of transshipment or expediency.

1. GENERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by the proper shipping name, and are classified, packed, marked and labeled as required, and are in all respects in proper condition for transport according to applicable national and international regulations. In the event of a breach of any applicable regulations, I accept the consequences.

2. ACKNOWLEDGMENT OF RECEIPT OF MATERIALS

<table>
<thead>
<tr>
<th>Transporter's Printed/Typed Name</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Santilli OBOWALMARTCORP</td>
<td></td>
<td>02</td>
<td>09</td>
</tr>
</tbody>
</table>

3. Designer Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a.

<table>
<thead>
<tr>
<th>Designer Facility Owner or Operator</th>
<th>Signature</th>
<th>Month</th>
<th>Day</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>UNIFORM HAZARDOUS WASTE MANIFEST</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. Generator ID Number</td>
<td>M AR 0 0 5 0 2 2 7 8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Page of Form</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. Emergency Response Phone</td>
<td>(800) 483-3718</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Manifest Tracking Number</td>
<td>0 1 7 8 1 2 2 6 4 F</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>5. Generator Site Address</th>
<th>Walmart Supercenter F2128</th>
</tr>
</thead>
<tbody>
<tr>
<td>295 Plymouth Street</td>
<td></td>
</tr>
<tr>
<td>Halifax, MA 02338</td>
<td></td>
</tr>
<tr>
<td>Generator's Phone</td>
<td>(781) 294-9339</td>
</tr>
<tr>
<td>ATTN: Claims Associate</td>
<td>SAME</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Transporter 1 Company Name</th>
<th>Clean Harbors Environmental Services, Inc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>7. Transporter 2 Company Name</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6. Designated Facility Name and Site Address</th>
<th>Clean Harbors Reideville LLC</th>
</tr>
</thead>
<tbody>
<tr>
<td>8a. Site Address</td>
<td>208 Watlington Industrial Drive</td>
</tr>
<tr>
<td>8b. Facility Phone</td>
<td>(336) 342-6106</td>
</tr>
<tr>
<td>8c. U.S. EPA Description (including Proper Shipping Name, Hazard Class, ID Number, and Pacing Group if any)</td>
<td>NCD000648451</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>10. Containers</th>
<th>0 0 1</th>
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<tbody>
<tr>
<td>Type</td>
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<tr>
<td>Quantity</td>
<td>0 0 0 0 1</td>
</tr>
<tr>
<td>Unit</td>
<td>P</td>
</tr>
<tr>
<td>Waste Codes</td>
<td>P001</td>
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</tbody>
</table>

**Residue Last Contained**

| UN 3249, WASTE MEDICINE, SOLID, TOXIC, N.O.S., (WARFARIN), 6.1, PG II |

<table>
<thead>
<tr>
<th>GENERATOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joseph Santilli</td>
</tr>
<tr>
<td>Signature</td>
</tr>
</tbody>
</table>

**International Shipment**

<table>
<thead>
<tr>
<th>IMPORT FROM U.S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature</td>
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</table>

**Transporter Acknowledgment of Receipt of Materials**

<table>
<thead>
<tr>
<th>Joseph Santilli</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signature</td>
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</table>

**Discrepancy**

<table>
<thead>
<tr>
<th>Discrepancy Indication Space</th>
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<tbody>
<tr>
<td>Quantity</td>
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<tr>
<td>Type</td>
</tr>
<tr>
<td>Residue</td>
</tr>
<tr>
<td>Partial Rejection</td>
</tr>
<tr>
<td>Full Rejection</td>
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</tbody>
</table>

**Alternate Facility (or Generator)**

| Facility's Phone | 
| Signature | 

**Hazardous Waste Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)**

| H141 | 2 |

**Designated Facility Owner or Operator Certification of receipt of hazardous materials contained by the manifest except as noted in item 18a**

| Printed/Typed Name | Signature | Month | Day |

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 135
Please print or typewrite all information required for completion of this manifest.

**UNIFORM HAZARDOUS WASTE MANIFEST**

1. Generator ID Number: N.H.D.610231418
2. Page 1 of 2
3. Emergency Response Phone: (800) 493-3718
4. Manifest Tracking Number: 006983350 GE

Generators Name and Mailing Address:

**Eastern Analytical, Inc.**
51 Antion Avenue
Concord, NH 03301

Transporter 1 Company Name:

**Cyn Oil Corporation**

Transporter 2 Company Name:

U.S. EPA ID Number:

Clean Harbors Deer Park, LLC

2027 Independence Parkway South
La Porte, TX 77571

TXD055141378

9a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group, if any): UN3432, POLYCHLORINATED BIPHENYLS, SOLID, (SOIL), 9, PG III

<table>
<thead>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>DF</td>
<td>11.36 K</td>
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</tbody>
</table>

14. Special Handling Instructions and Additional Information:

15. \[Signature\]

16. Intermodal Shipments: Import to U.S. [ ] Export from U.S. [ ]

17. Discrepancy:

18a. Discrepancy Indication Space [ ]

18b. Alternate Facility or Generator:

Facility's Phone:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):

20. Designated Facility Owner or Operator Certification of Receipt of Hazardous Materials covered by the manifest except as noted in Item 18b:

**Clean Harbors has the appropriate training for this material.**
Generators and Submitters of Hazardous Waste

<table>
<thead>
<tr>
<th>Uniform Hazardous Waste Manifest</th>
<th>Page 1 of 1</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
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<tbody>
<tr>
<td>Generator's D.M. Number</td>
<td>MA-099580856</td>
<td>(800) 493-3718</td>
<td>006983323 GBE</td>
</tr>
<tr>
<td>Generator's Name and Facility Address</td>
<td>BC-6033</td>
<td>Boston College Service Building</td>
<td>225 Beacon St, Newton MA 02167</td>
</tr>
<tr>
<td>Generator's Phone</td>
<td>617-597-3382</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transporter 1 Company Name</td>
<td>Cyn Oil Corporation</td>
<td>U.S. EPA D.O. Number</td>
<td>MA0082303777</td>
</tr>
<tr>
<td>Transporter 2 Company Name</td>
<td></td>
<td>U.S. EPA I.D. Number</td>
<td></td>
</tr>
<tr>
<td>Designated Facility Name and Site Address</td>
<td>Clean Harbors Reidsville LLC</td>
<td>U.S. EPA I.D. Number</td>
<td>NCD000864851</td>
</tr>
</tbody>
</table>

**Generator**

- **Name**: BC-6033
- **Address**: Boston College Service Building
- **Phone**: 617-597-3382
- **Company Name**: Cyn Oil Corporation

**Transporters**

- **Company Name**: Clean Harbors Reidsville LLC
- **Phone**: (336) 342-6105
- **I.D. Number**: NCD000864851

**Waste Information**

<table>
<thead>
<tr>
<th>Container</th>
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<th>Waste Code</th>
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</thead>
<tbody>
<tr>
<td>7 DM</td>
<td>2100 P</td>
<td>D008</td>
</tr>
</tbody>
</table>

**Contract Information**

- **Contractor/Carrier**: Carlos Marcal
- **Owner/Operator**: Clean Harbors Reidsville LLC
- **Date**: 02/03/22

**Manifest Information**

- **Type**: H41
- **Shipper's I.D. Number**: MA0082303777
- **Facility Phone**: 617-597-3382
- **Facility Name**: Boston College Service Building
- **Facility Address**: 225 Beacon St, Newton, MA 02167
- **Transporter**: Carlos Marcal
- **Signature**: Carlos Marcal

**Hazardous Waste Code**: D008

**Transporter Information**

- **Name**: Carlos Marcal
- **I.D. Number**: NCD000864851
- **Address**: 208 Wellington Industrial Drive, Reidsville, NC 27320

**EPA Form 8700.22 (Rev. 12-17)**

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>UN1210, WASTE PRINTING INK, PG III</td>
<td>25</td>
<td>P</td>
<td>D001</td>
</tr>
</tbody>
</table>

**Transporter Name:**

Michael Nee

**Transporter Address:**

123 Main St, Braintree, MA 02184

**Transporter Phone:**

(555) 123-4567

**Transporter Email:**

michael.nee@transporter.com

**Facility Name:**

Clean Harbors Reidsville, LLC

**Facility Address:**

200 Wellington Industrial Drive, Reidsville, NC 27320

**Facility Phone:**

(555) 123-4567

**Facility Fax:**

(555) 123-4568

**Facility E-mail:**

facility@cleanharbors.com

**Facility Contact Name:**

John Doe

**Facility Contact Phone:**

(555) 123-4567

**Facility Contact Fax:**

(555) 123-4568

**Facility Contact E-mail:**

john.doe@facility.com

**Transporter Consent:**

I, Michael Nee, hereby certify that the contents of this manifest are true and complete, and that I am the authorized representative of the generator named above.

Michael Nee

**Facility Consent:**

I, John Doe, hereby certify that I have received the quantities and types of waste described in this manifest and that I will ensure their proper disposal.

John Doe
### UN 3291, REGULATED MEDICAL WASTE, N.O.S., 6.2, PG II

<table>
<thead>
<tr>
<th>No.</th>
<th>Container Type</th>
<th>Quantity</th>
<th>Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 CF</td>
<td>31b</td>
<td></td>
<td>OUT5405</td>
</tr>
</tbody>
</table>

**Contract retained by generator confirms authority on initial transporter to add or substitute additional transporers on generator's behalf for purposes of transportation efficiency, convenience, or other reasons.**

**GENERATOR'S OFFICER'S CERTIFICATION:**

I hereby certify that the contents of this shipment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked, and labeled/inspected, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this shipment conform to the terms of the attached EPA Acknowledgement of Consent. I certify that the waste minimization statement identified in 40 CFR 262.7(d)(1) (a) is a large quantity generator, or (b) if (ii) is a small quantity generator, is true.

**GENERATOR's Printed/Typed Name:**

**Signature:**

**Month:**

**Day:**

---

**Transportation Unit:**

**Transporter's Name:**

**Signature:**

**Month:**

**Day:**

---

**Container(s) Transferred:**

**Description:**

**Quantity:**

**Type:**

**Revised:**

**Partial Rejection:**

**Full Rejection:**

**Facility's Name:**

**Facility's Phone:**

**Designated Facility Owner or Operator Certification:**

**Printed/Typed Name:**

**Signature:**

**Month:**

**Day:**

---

**Regulated Facility:**

**Address:**

**City:**

**State:**

**Zip Code:**

---

**Emergency Response Phone:**

**Manifest Tracking Number:**

**Generator's Site Address:**

**EPA Form 87002-R (Rev. 12-17): Previous editions are obsolete.**
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Unit</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>RO, UN3375, WASTESOLIDS CONTAINING FLAMMABLE LIQUID, N.O.S., (ACETONE, XYLENE), 4.1, PG II (DO01)</td>
<td>19</td>
<td>DR</td>
<td>3800</td>
</tr>
</tbody>
</table>

Contract retained by generator contains an authority on initial transporter to add or substitute additional transporters on generator’s behalf for purposes of transportation efficiency, convenience, or as required.

15. GENERATOR’S OFFICER’S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/printed, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and/or I am the Primary Exporter, I certify that the vessel registration statement identified in 40 CFR 262.27(a) (1) (I am a large quantity generator) or (b) (II) I am a small quantity generator) is true.

Signature: 

16. International Shipments: [ ] Import to U.S. [ ] Export from U.S. Port of entry/exit: [ ] Data leaving U.S.

17. Transporter: 

Transporter 1 Printed/Typed Name: 

Signature: 

18. Discrepancy:

18a. Discrepancy Indication Space: [ ] Quantity [ ] Type [ ] Reuse [ ] Partial Rejection [ ] Full Rejection

19. Alternate Facility (if Generator):

Facility’s Phone: 

Signature of Alternate Facility (if Generator): 

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a:

Printed/Typed Name: 

Signature: 

DESIGNATED FACILITY TO EPA’S MANIFEST CATCH!
<table>
<thead>
<tr>
<th>Column</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
</tr>
<tr>
<td>Designated Facility Name and Site Address</td>
<td>Clean Harbors Deer Park, LLC 2027 Independence Parkway South La Porte, TX 77571</td>
</tr>
<tr>
<td>DOT Description</td>
<td>UN1992, WASTE FLAMMABLE LIQUIDS, TOXIC, N.O.S., ETHANOL, GUANIDINIUM THIOCYANATE. 3 (6.1). PG II</td>
</tr>
<tr>
<td>Containers</td>
<td>001 DF 00010 P</td>
</tr>
<tr>
<td>Waste Code</td>
<td>D001 DK</td>
</tr>
<tr>
<td>Authority on Initial Transporter to Add or Substitute Additional Transporters on Generator's Behalf</td>
<td>Signatures of Operator</td>
</tr>
<tr>
<td>Export Declaration Information</td>
<td>Month: 02</td>
</tr>
<tr>
<td>16. Discrepancy</td>
<td></td>
</tr>
<tr>
<td>16a. Discrepancy Indication Space</td>
<td>Quantity</td>
</tr>
<tr>
<td>20. Designated Facility Owner or Operator Certification of Receipt of Hazardous Material Covered by the Manifest except as Noted in Item 18</td>
<td>Signatures of Operator</td>
</tr>
</tbody>
</table>

Note: The form appears to be a hazardous waste manifest, with various fields filled out for a particular shipment. The language and content suggest it is related to environmental regulations and waste handling procedures.
**UNIFORM HAZARDOUS WASTE MANIFEST**

<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Emergency Response Phone</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MV7048260076</td>
<td>(800) 463-3718</td>
<td>017812270 F</td>
</tr>
</tbody>
</table>

**Site Name and Address**

- **Santilli Centric**
  - 1286 Washington St
  - Hanover, MA 02339

**Generator's Site Address (if different than mailing address)**

- SAME

**Transporter 1 Company Name**

- Clean Harbors Environmental Services, Inc.

**Transporter 1 Phone**

- (781) 826-0076

**Transporter 2 Company Name**

- Clean Harbors Reidville LLC
  - 208 Wellington Industrial Drive
  - Reidville, NC 27320

**Transporter 2 Phone**

- (336) 342-6106

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>001 D F</td>
<td>00044 P</td>
<td>D001</td>
<td></td>
</tr>
</tbody>
</table>

- **Verification and Declarations**

  **Contract Retained by Generator**

  **Signature**

  Joseph Santilli OBO

**International Shipment**

- Import to U.S.:
  - Signature: Joseph Santilli

**Discrepancy**

- Quantity: None

**Hazardous Waste Report Management Method Code**

- H441

**Designated Facility**

- Name: Clean Harbors
  - 1286 Washington St
  - Hanover, MA 02339

**EPA Form 8700-25 (Rev. 12-17) Previous editions are obsolete**

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Generator acknowledges that no material change has occurred either in the characteristics of the material or in the process generating the material.

1. Generator ID Number: MAC 300 094 695
2. Generator Site Address: 1000 Technology Park Drive, Billerica, MA 01821
3. Emergency Response Phone: (617) 489-6266
4. Manifest Tracking Number: 017261487

1. Transporter 1 Company Name: Clean Harbors Environmental Services, Inc.
2. Transporter 2 Company Name: Clean Harbors LaPorte, LLC
3. Designated Facility Name and Site Address: Clean Harbors LaPorte, LLC, 500 Independence Parkway South, La Porte, TX 77571
4.主办方的电话: (219) 884-5800
5. U.S. EPA ID Number: MAD 039 322 520
6. Facility’s Phone: (219) 884-5800
7. Manifest Attachment: SAME
8. Date of Manifest: 03/08/2023
9. Manifest Signature: Merit Meredith Boericke, Council President

1. N.O.N DOT REGULATED MATERIAL, (COMPRESSED GAS), NS02I023-1720
2. 004 CY 012 P
3. MA99
4. OUT50
5. Discrepancy: 4 x cyke (inside 1 x 5)

Contract retained by generator or transporter to certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Transporter: I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Generator: I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit</th>
<th>UOM</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>PQ UN 2475, WASTE SOLIDS CONTAINING FLAMMABLE LIQUID. N.O.S. (METHYL ETHYL KETONE, BENZENE). 4.1, PG ii (RO)</td>
<td>002</td>
<td>DM</td>
<td>00360</td>
<td>P</td>
<td>U002</td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Contract retained by generator confirms authority on initial transporter to add us substitute additional transporter on generator’s behalf for purposes of transportation and handling convenience.**

**GENERATOR'S OPINION CERTIFICATION**: I hereby declare that the contents of this consignment are fully and accurately described below by the proper shipping name, and are classified, packaged, marked and labeled/packaged, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. I certify that the content of this consignment compliant with the terms of the attached EPA, Knowledge of Consent. I certify that the waste characterization statement identified in 40 CFR 302.7(a)(2) (a) is a large quantity generator and (b) (b) is a small quantity generator and is true.

**Generator/Operator's Printed/Typed Name**: Mike Grabianowski

**Signature**: [Signature]

**Month** | **Day**
--- | ---
02 | 15

**Transporter 1 Printed/Typed Name**: Mike Grabianowski

**Signature**: [Signature]

**Month** | **Day**
--- | ---
02 | 15

**Transporter 2 Printed/Typed Name**: Mike Grabianowski

**Signature**: [Signature]

**Month** | **Day**
--- | ---
02 | 15

**Facility Name**: Clean Harbor Environmental Services, Inc.

**Facility Telephone**: 603-888-8900

**U.S. EPA ID Number**: MAD03332250

**U.S. EPA ID Number**: NCD000648421

**Waste Code**: 2255

**Designated Facility to EPA's eMANIFEST System**: CIR 2300647624

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
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<table>
<thead>
<tr>
<th>Generator ID Number: MA000528590</th>
<th>Emergency Response Phone: (800) 489-3718</th>
<th>Manifest Tracking Number: 018406617 FL</th>
</tr>
</thead>
<tbody>
<tr>
<td>White Foods Market, BED - 10090</td>
<td>Bedford, MA 01730</td>
<td></td>
</tr>
<tr>
<td>Generators' Name and Address:</td>
<td>Generator's Site Address (if different than mailing address): SAME</td>
<td></td>
</tr>
<tr>
<td>1. Transporter 1 Company Name:</td>
<td>U.S. EPA ID Number:</td>
<td></td>
</tr>
<tr>
<td>Clean Harbors Environmental Services, Inc.</td>
<td>MADO39322250</td>
<td></td>
</tr>
<tr>
<td>2. Transporter 2 Company Name:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clean Harbors Reinville LLC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>208 Waltham Industrial Drive</td>
<td>U.S. EPA ID Number:</td>
<td></td>
</tr>
<tr>
<td>Reindell, NC 27320</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility's Phone: (919) 242-6106</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9a. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group [if any]):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X. UN3077, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, SOLID, N.O.S. (MERCURY), 5 PG III UNIVERSAL WASTE-LAMPS</td>
<td>001 CF 000005 P</td>
<td></td>
</tr>
<tr>
<td>2. NON-DOT REGULATED</td>
<td>001 CF 000009 P</td>
<td></td>
</tr>
<tr>
<td>3. BATTERIES, DRY, SEALED, N.O.S., (UNIVERSAL WASTE)</td>
<td>001 CF 00003 P</td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Generator's Offer's Printed/Typed Name: on behalf of Whole Family</td>
<td>Signature: rich hurcombe 02 15 2</td>
<td></td>
</tr>
<tr>
<td>Import to U.S.</td>
<td>Export from U.S.</td>
<td></td>
</tr>
<tr>
<td>Port of entry/exit:</td>
<td>Date leaving U.S.:</td>
<td></td>
</tr>
<tr>
<td>18a. Discrepancy Indication Space:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quantity</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residue</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Partial Rejection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full Rejection</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems):</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. H141</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. H141</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. H141</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signature</td>
<td>Month Day</td>
<td></td>
</tr>
<tr>
<td>Manifact Refuse Number:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Facility's Phone:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Signature of Alternate Facility (or Generator): Month Day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as indicated in item 18a:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Printed/Typed Name:</td>
<td>Month Day</td>
<td></td>
</tr>
<tr>
<td>Designated Facility to EPA's Manifest System: C1R290036820 PPV</td>
<td></td>
<td></td>
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</tbody>
</table>

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
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UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
   MAR0045589250

2. Page 1 of 3

3. Emergency Response Phone
   (800) 483-3718

4. Manifest Tracking Number
   018406614 FL

5. Generator's Name and Address
   Whole Foods Market, EVC 1001
   150 Brimbal Avenue
   Beverly, MA 01915
   Generator's Phone: (978) 929-9151

6. Transporter 1 Company Name
   Clean Harbors Environmental Services, Inc.
   U.S. EPA ID Number: MAD039322650

7. Transporter 2 Company Name
   U.S. EPA ID Number: 

8. Designated Facility Name and Site Address
   Clean Harbors Reidesville LLC
   208 Wallington Industrial Drive
   Reidesville, NC 27320
   Facility's Phone: (704) 342-6106

9a. Rb. U.S. DOT Description (including proper shipping name, hazard class, ID number, and packing group, if any)
   NON DOT REGULATED

<table>
<thead>
<tr>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Unit</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>001</td>
<td>CF</td>
<td>00006</td>
<td>P</td>
<td>MA99</td>
</tr>
</tbody>
</table>

10. Containers

11. Total Quantity

12. U.S. EPA ID Number: NCD000648451

13. Waste Codes

14. Spill Handling Instructions and Additional Information
   NON DOT REGULATED

Contract retained by generator confirms all the contents of the containers are properly handled, transported, and disposed of by the transporter in accordance with all applicable federal, state, and local regulations.

15. Authority on initial transporter to add or substitute additional transporers on generator's behalf for purposes of transportation efficiency, convenience, or safety.

16. International Shipment
   [ ] Import to U.S.
   [ ] Export from U.S.

17. Transporter Acknowledgment of Receipt of Materials

18. Discrepancy
   [ ] Quantity
   [ ] Type
   [ ] Residue
   [ ] Partial Rejection
   [ ] Full Rejection

19. Alternate Facility (or Generator)
   Facility's Phone:

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a
   Printed Name:
   Signature:

[CERTIFIED COPY OF MANIFEST]
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>1. Generator ID Number</th>
<th>M A 0 0 0 5 2 7 4 2 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator's Name and Mailing Address</td>
<td>Whole Foods Market, LNF - 10452</td>
<td></td>
</tr>
<tr>
<td>100 Market Street</td>
<td>Lynnfield, MA 01940</td>
<td></td>
</tr>
<tr>
<td>Generator's Phone</td>
<td>(781) 776-4300</td>
<td></td>
</tr>
<tr>
<td>Transporter 1 Company Name</td>
<td>Clean Harbors Environmental Services, Inc.</td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
<td>M A 0 3 9 3 2 2 2 5 0</td>
<td></td>
</tr>
<tr>
<td>Transporter 2 Company Name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transporter 1 Name</td>
<td></td>
<td></td>
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<tr>
<td>U.S. EPA ID Number</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transporter 2 Name</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
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<table>
<thead>
<tr>
<th>Container</th>
<th>Total Quantity</th>
<th>Waste Code</th>
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</thead>
<tbody>
<tr>
<td>001 CF</td>
<td>00001 P</td>
<td>MA99</td>
</tr>
</tbody>
</table>

**Waste Description:**

UN3050, MERCURY CONTAINED IN MANUFACTURED ARTICLES, S. (611), (UNIVERSAL WASTE)

**Authority on Initial Transporter:**

Contract retained by generator confidence.

**Generators/Operators**

**Date:**

**Transporter:**

**Date:**

**Discrepancy:**

**Alternate Facility (or Generator):**

**Date:**

**Hazardous Waste Report Management Method Code:**

**Date:**

**Designated Facility:**

**Date:**

**Office of the Town Council | Braintree, Massachusetts**

**Meredith Boericke, Council President**

**03/08/2023**

**Page 149**
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Page</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAR 05 525 41 0</td>
<td>2</td>
<td>017281397FLE</td>
</tr>
</tbody>
</table>

24. Generator's Name

Bristol Myers Squibb

25. Transporter Name

Company Name

U.S. EPA ID Number

26. Transporter Name

Company Name

U.S. EPA ID Number

27a. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group [if any])

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Unit</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>UN2921, WASTE CORROSIVE SOLIDS, FLAMMABLE, N.O.S., (TERT-BUTYLDIMETHYL SILDYL CHLORIDE), B, (4.1), PG I</td>
<td>2</td>
<td>DF</td>
<td>4</td>
<td>P</td>
</tr>
<tr>
<td>2.</td>
<td>UN2689, WASTE CORROSIVE LIQUID, ACIDIC, ORGANIC, N.O.S., (ACETIC ACID, HYDROCHLORIC ACID), B, PG II</td>
<td>1</td>
<td>DF</td>
<td>5</td>
<td>P</td>
</tr>
<tr>
<td>3.</td>
<td>UN3281, WASTE CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., (POTASSIUM HYDROXIDE (KOH), SODIUM HYDROXIDE), B, PG II</td>
<td>1</td>
<td>CF</td>
<td>20</td>
<td>P</td>
</tr>
<tr>
<td>4.</td>
<td>UN2922, WASTE CORROSIVE LIQUIDS, TOXIC, N.O.S., (IRI-1,4-FLUOROPHENYLLETHYLAMINE, 1-METHYLIMIDAZOLE), B, (6.1), PG II</td>
<td>1</td>
<td>DF</td>
<td>5</td>
<td>P</td>
</tr>
<tr>
<td>5.</td>
<td>UN2923, CORROSIVE SOLIDS, TOXIC, N.O.S., (HYDROXYLAMINE CHLORIDE), B, (6.1), PG III</td>
<td>2</td>
<td>DF</td>
<td>7</td>
<td>P</td>
</tr>
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</table>

10. NON D.O.T. REGULATED, (OBSELETE EQUIPMENT FOR DISMANTLING)

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Unit</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>NON D.O.T. REGULATED MATERIAL, (CARDBOARDS, RAGS, GLOVES)</td>
<td>24</td>
<td>CF</td>
<td>160</td>
<td>P</td>
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</tbody>
</table>


EPA Form 8700-22A (Rev. 12-17) Previous editions are obsolete.
<table>
<thead>
<tr>
<th>UNIFORM HAZARDOUS WASTE MANIFEST</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Generator ID Number</td>
<td>MAR 00525410</td>
</tr>
<tr>
<td>Page 1 of 1</td>
<td>1</td>
</tr>
<tr>
<td>Emergency Response Phone</td>
<td>(900) 483-3718</td>
</tr>
<tr>
<td>Manifest Control Number</td>
<td>017261395 E</td>
</tr>
<tr>
<td>Generator's Name and Mailing Address</td>
<td><strong>Bristol Myers Squibb</strong></td>
</tr>
<tr>
<td>100 Binney Street Cambridge, MA 02142</td>
<td><strong>ATTN: Sonja Butler</strong></td>
</tr>
<tr>
<td>Generator's Phone: (617) 293-3074</td>
<td>SAME</td>
</tr>
<tr>
<td>Transporter 1 Company Name</td>
<td><strong>Clean Harbors Environmental Services, Inc.</strong></td>
</tr>
<tr>
<td>Transporter 2 Company Name</td>
<td>MAD 039322250</td>
</tr>
<tr>
<td>Designated Facility Name and Site Address</td>
<td><strong>Clean Harbors Deer Park, LLC</strong></td>
</tr>
<tr>
<td>2027 Independence Parkway South</td>
<td>LA PORT, TX 77571</td>
</tr>
<tr>
<td>Facility's Phone: (713) 230-2300</td>
<td>TXD 05541378</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>6.</th>
<th>7.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Generators or their designees and Affiliates Information</td>
<td></td>
</tr>
<tr>
<td>16.</td>
<td>Export from U.S.</td>
</tr>
<tr>
<td>International Shippers</td>
<td>Import to U.S.</td>
</tr>
<tr>
<td>Transporter signature (for exports only):</td>
<td>Part of entry/exit:</td>
</tr>
<tr>
<td>Date leaving U.S.:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>18.</th>
<th>19.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discrepancy</td>
<td>Hazardous Waste Report Management Method Codes (e.g., codes for hazardous waste treatment, disposal, and recycling systems)</td>
</tr>
<tr>
<td>18a. Discrepancy Indication Space</td>
<td>Method Reference Number:</td>
</tr>
<tr>
<td>Quantity</td>
<td>U.S. EPA ID Number</td>
</tr>
<tr>
<td>Type</td>
<td></td>
</tr>
<tr>
<td>Residue</td>
<td></td>
</tr>
<tr>
<td>Partial Rejection</td>
<td></td>
</tr>
<tr>
<td>Full Rejection</td>
<td></td>
</tr>
<tr>
<td>Alternate Facility (or Generator)</td>
<td></td>
</tr>
<tr>
<td>Facility's Phone:</td>
<td></td>
</tr>
<tr>
<td>U.S. EPA ID Number</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>20.</th>
<th>Designated Facility to EPA's eMANIFESTS:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Designated Facility or Operator: Certificate of receipt of hazardous materials covered by the manifest except as noted in Item 18a</td>
<td></td>
</tr>
<tr>
<td>Printoff Name</td>
<td>Signature</td>
</tr>
<tr>
<td>Month</td>
<td>Day</td>
</tr>
</tbody>
</table>

Offene of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
<table>
<thead>
<tr>
<th>UN</th>
<th>Description</th>
<th>No.</th>
<th>Type</th>
<th>Quantity</th>
<th>Waste Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN1131</td>
<td>WASTE CARBON DISULFIDE, 3, (6.1), PG I</td>
<td>002</td>
<td>DF</td>
<td>0.0025</td>
<td>P022</td>
</tr>
<tr>
<td>UN2014</td>
<td>WASTE HYDROGEN PEROXIDE, AQUEOUS SOLUTIONS, 5.1, (9), PG II</td>
<td>001</td>
<td>DF</td>
<td>0.0001</td>
<td>D001 D002</td>
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<td>UN1479</td>
<td>WASTE OXIDIZING SOLID, N.O.S., (CALCIUM NITRATE, SODIUM NITRATE), 5.1, PG I</td>
<td>001</td>
<td>DF</td>
<td>0.0002</td>
<td>D001</td>
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</table>

**Generator/Operator's Printed Name:** Joe
**Signature:**
**Month:** 02 **Day:** 09

**Transporter's Name:** Brett Kenney
**Printed Name:**
**Signature:**
**Month:** 02 **Day:** 09

**Facility's Name:**
**Printed Name:**

**Designated Facility to EPA's e-Manifest:**
<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>Container No.</th>
<th>Total Quantity</th>
<th>Waste Codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAC 300006442</td>
<td>001 DF</td>
<td>00080 P</td>
<td>D001 D005 D006</td>
</tr>
<tr>
<td>MAC 300006442</td>
<td>001 DF</td>
<td>00008 P</td>
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**Note:** The waste codes D001, D005, D006, and MA99 are used to identify specific waste types.
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Quantity</th>
<th>Type</th>
<th>Waste Codes</th>
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<tbody>
<tr>
<td>1</td>
<td>RG, NA3077, Waste, Hazardous waste, solid, n.o.s., 9, PCB, (PCBs, F001), ERG #171</td>
<td>003</td>
<td>113</td>
<td>K F001 VT01</td>
</tr>
<tr>
<td>2</td>
<td>RG, UN 2315, POLYCHLORINATED DIPHENYL, 2,4, 9, 10 DIB эта</td>
<td>003</td>
<td>113</td>
<td>K VT01 VT02</td>
</tr>
</tbody>
</table>

14. Special Handling Instructions and Additional Information:
- CHS203345 / PCB Impacted F-Listed Carb in
- CH2127880 / CH2127880 - Water with PCB Oil (51 - 498 ppm) (CH2 / (T) Profile #: CH2127880)

15. Generator's Signature:
- Brian McCullough

16. Discrepancy:
- Discrepancy Indication: Quantity

17. Transporter Acknowledgment of Receipt of Materials:
- Signature: Bridget McCullough

18. Alternate Facility (for Generator): US EPA ID Number

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 16a

EPA Form 8702-22 (Rev. 12-17) Previous editions are obsolete.
Generator acknowledges that no material change has occurred either in the characteristics or in the process generating the material.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: MAD 05 34 52 63 7

2. Part of: 1

3. Emergency Response Phone: (800) 483-3718

4. Manifest Tracking Number: 0178 59423 FLE

Generator's Site Address (If different than mailing address):
SAME

Transporter 1 Company Name:
Clean Harbors Environmental Services, Inc.

U.S. EPA ID Number: MAD 03 93 22 50

Transporter 2 Company Name:

U.S. EPA ID Number:

Designated Facility Name and Site Address:
Clean Harbors Deer Park, LLC.
2027 Independence Pkwy South
La Porte, TX 77571

Facility Phone:
(281) 930-2300

9a. U.S. DOT description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any):

10. Containers:

No. Type Quantity
003 DM 021 00

12. UNI No.

13. Waste Codes

MA99

OUT64062

D20

Contract retained by generator/holder as evidence of transportation and associated arrangements.

15. GENERATOR'S/SHIPPER'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labelled/packaged, and are in all respects in proper condition for transport to applicable international and national governmental regulations. I export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.

I certify that the waste management statement identified in 40 CFR 262.270(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Richard Williams

Signature

Month Day Year
02 09 23

16. International Shipment:

☐ Import to U.S.

☐ Export from U.S.

Port of entry/exit:

Date leaving U.S.:

17. Transports Acknowledgment of Receipt of Materials:

Transporter 1 Name/Type:

Signature

Month Day Year

Transporter 2 Name/Type:

Signature

Month Day Year

18. Discrepancy:

☐ Quantity

☐ Type

☐ Residue

☐ Partial Rejection

☐ Full Rejection

19. Alternative Facility (or Generator):

U.S. EPA ID Number

Facility's Name:

U.S. EPA ID Number:

Signature of Alternative Facility (or Generator):

Month Day Year

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 16a

Furnished Name/Type:

Signature

Month Day Year

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

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<table>
<thead>
<tr>
<th>Generator ID Number</th>
<th>3. Emergency Response Phone</th>
<th>4. Manifest Tracking Number</th>
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</thead>
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<tr>
<td>MAD 05 34 52 63 7</td>
<td>(600) 483-3715</td>
<td>0178 59 277 FLE</td>
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</tbody>
</table>

**Clean Harbors Environmental Services, Inc.**

1. Hill Avenue, Braintree, MA 02184

Generator's Site Address (if different from mailing address)

**Clean Harbors Deer Park, LLC.**

2027 Independence Parkway South, La Fox, IL 60055

Facility's Phone: 630-123-4567

<table>
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<th>UN No.</th>
<th>Description</th>
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<th>Type</th>
<th>Quantity</th>
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**Transporter 1 Company Name:**

**Transporter 2 Company Name:**

**Transporter 1 Name:**

**Transporter 2 Name:**

**Generator/Owner Printed/Typed Name:**

Richard Williams

**Signature:**

01 17 23

**Transporter Acknowledgment of Receipt of Materials:**

**Transporter 1 Printed/Typed Name:**

**Transporter 2 Printed/Typed Name:**

**Manifest Reference Number:**

**Facility's Phone:**

**Facility's EPA ID Number:**

**Facility's OMB No.:**

03/08/2023

Meredith Boericke, Council President

Office of the Town Council | Braintree, Massachusetts

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COUNCIL PRESIDENT REQUEST FOR CLEAN HARBORS MR. HARRINGTON 02-19-2023
Rich Harrington  
Director of TSDF Operations, Clean Harbors  
42 Longwater Drive  
Norwell, MA 02061  
Via email

02/19/2023

Dear Mr. Harrington,

The Braintree Town Council respectfully requests your presence at Cahill Auditorium, Braintree Town Hall at 7:30 PM on February 28, 2023 to discuss the hazardous material fire that occurred on Clean Harbors’ property at 1 Hill Avenue, Braintree, MA on February 16, 2023.

If you would like to make a formal presentation or read a prepared statement, please send it to me via email, with copy to Clerk of the Council, Susan Cimino (scimino@braintreema.gov), no later than 10 AM, Thursday, February 23, 2023 so that it may be entered into the public record as part of the Town Council documents.

Thank you for your cooperation on this matter and we look forward to hearing from you.

Sincerely,

Meredith Boericke  
Town Council President; District 5 Town Councilor  
Cell: 339-235-8807  
Email: mboericke@braintreema.gov

Cc: Mayor Charles Kokoros  
Fire Chief, Jim O’Brien  
Clerk of the Council, Susan Cimino
GBPSR LETTER TO COUNCILOR MAGLIO 02-20-2023
February 20, 2023

The Honorable Elizabeth Maglio  
Town Councilor, District 3  
Braintree, Massachusetts

Dear Councilor Maglio:

We write to you as physicians with expertise in public health and environmental medicine to express our deep concern about the short- and long-term threats to human health that likely resulted from last Thursday’s fire and explosions at the Clean Harbors hazardous waste facility in Braintree. **We encourage you to request an immediate and full health hazard evaluation of the Clean Harbors site and surrounding neighborhoods by the Massachusetts Departments of Public Health and Environmental Protection to ascertain the cause and the possible consequences for human health of this event.**

As medical and public health professionals we are not reassured by the unfounded claim that environmental quality at the Clean Harbors site is now within “normal parameters.” Diagnoses such as this need to be based on testing and not on personal opinion.

Clean Harbors is the largest waste disposal facility in New England, and it stores and handles a wide range of hazardous materials in liquid, solid, semi-solid, sludge and gas forms. Thursday’s fire at the site generated dense clouds of black, oily smoke that almost certainly contained multiple toxic contaminants such as xylene, benzene, toluene. It resulted additionally in a major spike in airborne particulate matter (PM$_{2.5}$) pollution - detected at nearby air quality sensors - to high levels associated with
increased risk of myocardial infarction and cardiac arrhythmias in adults and to asthma and other respiratory diseases in children. Pregnant women, infants, the elderly and individuals with underlying medical conditions are highly vulnerable to this form of pollution.

Firefighters and police officers from multiple municipalities were almost certainly exposed to high levels of toxic and carcinogenic pollutants at the site during and after the fire. Residents reported experiencing respiratory symptoms during and for many hours following this event. Soot-like material was observed to be deposited on surrounding homes and cars in the Fore River Basin.

We encourage you to work expeditiously with the Massachusetts Department of Environmental Protection and the Bureau of Environmental Health of the Massachusetts Department of Health to perform an immediate and comprehensive investigation of this explosion and fire. This investigation should include the collection of samples of soot and surface soil, and an interrogation of all air quality monitors within the Fore River Basin. Sensitive individuals or those with high levels of exposure – such as firefighters and other emergency personnel -- should have baseline health testing and follow-up. An evaluation of evacuation plans for the area should be reviewed.

In the airline industry, a near miss triggers a root-cause analysis to investigate the causes of the incident and prevent future disasters. The citizens of Braintree, Quincy and Weymouth deserve no less. A thorough investigation is especially needed in the Fore River basin given the high concentration in this heavily populated community of multiple facilities with high potential for fire and explosion – Clean Harbors, Twin Rivers and the Enbridge natural gas pipeline and compressor station. An uncontrolled fire and explosion in this area would be a disaster of major proportions.

Your constituents deserve to fully know the nature of the exposures that they experienced during and following the Clean Harbors fire. They need to be reassured that hazardous wastes at Clean Harbors are being properly handled and stored. They need to be involved in the development of an evacuation plan to protect their health and safety in the event of a future disaster.
The causes and consequences of the Clean Harbors fire need to be thoroughly investigated. They cannot be wished away.

Sincerely,

[Signature]

Philip J. Landrigan, MD, MSc
Professor of Biology and Director, Program for Global Public Health & the Common Good
Boston College

[Signature]

Regina LaRocque, MD, MPH
Associate Professor of Medicine
Harvard Medical School

[Signature]

Brita E. Lundberg, MD
Chair of the Board
Greater Boston Physicians for Social Responsibility
February 21, 2023

Gary Moran, Acting Commissioner
Mass Department of Environmental Protection (DEP)
Boston, MA 02114
Via email: Gary.Moran@mass.gov

Margret Cooke, Commissioner
Mass Department of Public Health (DPH)
Boston, MA
Via email: Margret.Cooke@state.ma.us

Dear Acting Commissioner Moran and Commissioner Cooke,

I write today about the chemical fire at Clean Harbors in Braintree that ignited on the evening of Feb 16. I am requesting an immediate and full health hazard evaluation of the Clean Harbors site and surrounding neighborhoods by the Mass DEP and the Mass DPH. There are many outstanding questions from residents who deserve to know the exposures they and their loved ones experienced during and since the Clean Harbors fire. In addition to the hazards evaluation, I am asking for a root cause analysis of the fire.

Firefighters, police officers, and other first responders from multiple municipalities confronted a chemical blaze spewing a plume of black smoke that shifted according to the wind direction. Responders likely ingested the smoke and fumes prior to wearing their protective gear. Residents in the surrounding neighborhoods of Braintree and Quincy complained of stinging eyes and sore throats, and in Weymouth, they had the additional problem of (toxic?) black soot covering the sides of their homes.

A proliferation of industry polluters have been allowed to operate in the Fore River Basin by Mass state officials. What is the level of oversight on all these operations? Is it compliant for Clean Harbors to store flammable toxic waste materials in vans that are parked near barrels full of fuel, which happen to be stored next to a gas tank farm? Residents are asking what precautions are in place to prevent the next chemical fire from spreading to the Citgo gas tank farm, The Braintree Electric Light Department, the fertilizer processing plant, the MWRA, Twin Rivers, and the Enbridge compressor station. What inspections have taken place? When was the last time these industries updated their emergency evacuation and response plans, and who is responsible for making sure that happens? One of the current plans mentions Quincy Hospital, which ceased most of its operations in 2014, and ended its emergency room functions in 2019. Some of the emergency plans do not reflect the dangers of the compressor station, despite its completion in 2021.
Health Hazard Evaluation Request
Page 2

There are many additional questions about the containment effort. Residents were told the fire water was contained on site and recovered. By whom, and what methods were employed? Is there footage of that recovery operation? The area is positioned directly next to the Fore River Basin, where “clammers” and “eel fishers” could be seen later that same day in the Basin. To date there are no notices or signs regarding any type of investigation into testing the quality of the water. Should anyone be eating anything from that water directly following a blazing chemical fire?

Finally, I draw your attention to the attached letter from the Greater Boston Physicians for Social Responsibility. Doctors from Boston College, Harvard Medical School and the Chair of the Board have reached out to impress upon me the need for investigating the cause of this fire and the need to prioritize the health and well-being of everyone who lives or visits this area.

Thank you for your attention to my request.

I look forward to hearing from you,

Elizabeth Maglio, MSW
Braintree Town Council
District 3, East Braintree
617-842-6491
Via email
EAST BRAIN TREE CIVIC ASSOCIATION, ENVIRONMENTAL COORDINATOR LETTER 02-26-2023
2/26/2023

From: Michael J. Lang, Environmental Coordinator, East Braintree Civic Association

To: Braintree Town Council

Re: Clean Harbors Inc. Fire & Fore River Basin Environment

Dear Councilors,

For the past 40+ years as a representative of the East Braintree Civic Association (EBCA) and on some issues a representative of the Town of Braintree, I have stated that the three towns of the Fore River basin need an INDEPENDENT SAFETY STUDY. Recently, the Braintree Clean Harbors facility had a nighttime fire which consumed a large amount of hazardous material. As expected, the major concern of the Town of Braintree and the media, was the spread of pollution throughout the residential area. While the incident was concerning, I took a slightly more positive view of the injury free incident. After the many decades of screaming our concerns regarding the environmental concerns in the Fore River basin, I felt that this might be the matter that the three towns and the regulators could not turn their backs on. Yet after the fact, I have a feeling that again, our concerns might be ignored.

The CHI facility abuts the Citgo terminal and is encompassed by other highly volatile facilities and densely populated residential neighborhoods. Multiple times a week, large super tankers full of gasoline and heating oil, offload their product directly behind the CHI facility. The product is then pumped to a number of above ground tanks abutting the CHI facility. The area has all the makings of a disaster film. Yet, the volatile industrial area continues to operate and endanger the nearby ENVIRONMENTAL JUSTICE COMMUNITIES that the state and feds are required to protect. Additionally, the FR industrial “DESIGNATED PORT AREA (DPA) continues to expand with the addition of a high pressure gas compressor station and actions by CHI which appear to result in the expansion of their facility without creating attention.

In a post-fire tour of the CHI facility, town and state officials were given a presentation and tour of the closed CHI facility. Upon driving down the single entrance road (which I believe is illegal for other facilities) you are struck by the large number of tanker trucks and other equipment parked in the abutting Quirk shipyard area. While the CHI spokesman stated that the trucks were empty, he eluded to the fact that they were not cleaned of volatile emissions. This parking arrangement amounts to an expansion of the CHI facility. Additionally, a number of months back members of the EBCA leadership were asked to sit with a CHI representative to discuss the possible addition of a small building which would allow the administration and labs to separate from the “working area”. The plan sounded good at the time and was supported. However, now it appears to represent a discrete expansion of the working/storage area. An additional Mass DEP document (not dated) shows a request to “add the ability to store inbound and outbound roll-off containers and outbound dump trailers in a 5-bay pad area”. The document also notes unprinted pages which were later added (not sure if the town has inspected them).
While the argument could be made that “accidents happen”, in an area that contains major regional infrastructure, the long term replacement of 2 power plants, Citgo terminal, CHI facility, MWRA sewage pelletizing plant, MWRA regional sewage pump station, Twin Rivers chemical plant, and other private facilities, would devastate the region and contribute to the resumed dumping of sewage in Boston Harbor. In a past Council meeting, a Braintree Fire Department official stated in effect, “we could handle anything”. If you do not know all of the facts, you cannot know if you can handle a fire incident.

In reviewing the Braintree Contingency Plans and attending meetings, I believe better plans could be developed with all of the three town facilities included. To do less is to send our first responders into an unknown situation. The Weymouth plan is equally bad with the Quincy plan being better but also not incorporating the whole Fore River basin. While the Tuesday meeting could argue the shortcomings of the CHI facility, the East Braintree, Quincy Point, North Weymouth areas will not be safe until an independent safety study is done for the whole Fore River Basin.

Thank you for your consideration of my comments.

Michael Lang
Environmental Coordinator
East Braintree Civic Association
SOG:000

BRAINTREE FIRE DEPARTMENT

SOG:000
DATE:00, 2000

SECTION: SPECIAL OPERATIONS

SUBSECTION: CLEAN HARBORS HILL AVE. BOX# 2122

SEC.600.00 Clean Harbors is a facility that deals with many types of hazardous materials. The quantities and types of materials located at this location requires a special response and operations when there is a call for a hazmat, fire, industrial accident, or any multiple incident at this location. Due to the types of materials at this location all Fire fighters and incident commanders must use extreme caution when operating at this location.

SEC.600.01 Box Assignment for Clean Harbors Hill Ave.
BOX # 2122- The response will be as followed (2 Engines, 1 Ladder, and 1 Engine from Quincy Fire)

SEC.600.02 the following steps should be followed when responding and operating at Box # 2122 Clean Harbors Hill Ave.

SEC.600.03 Step # 1. Responding units should be attentive to the weather and wind direction at the time of response.

SEC.600.04 Step # 2. Responding units should respond to the incidents, via Hayward st. to Quincy ave. When all responding units reach the intersection of Hayward Street and Quincy Avenue, they should stop and check the wind sock located at this intersection. By checking the wind direction at this location responding units will be able to begin the size up of the incident even before they arrive at this location.

SEC.600.05 Step # 3. The first arriving unit should report to the guard station, located at the main entrance at Clean Harbors.

SEC.600.06 the first arriving unit should ascertain from the facility coordinator or their representative, the following information.

➢ Location of alarm or incident
➢ What type of incident
  Fire
  Hazmat (Spill or Leak)
  EMS/ Rescue and or EMS/ Rescue resulting from a spill or leak
➢ The accountability of the employees if known
➢ The manifest of the product involved and on site
SEC.600.07 Incident Involving Fire

When the incident commander determines that there is a fire, they will need to size up the incident before committing any emergency personnel at the scene. When sizing up the incident the incident commander will need to know the following before any actions are taken.

➢ What is on fire?
➢ Where the fire is located
➢ The weather conditions and wind direction
➢ Is there enough help on scene and do they need to call in special hazmat teams (Metro Fire Hazmat Teams)

SEC.600.08 All fire fighting operations at this location should be done at a safe distance. The complex is fully sprinkled with wet, dry, and deluge sprinkler system. The complex also has a large engineered foam suppression system. These fire suppression systems should be utilized during active fire operations.

SEC.600.09 During fire fighting operations the incident commander shall make sure all personnel are in full protective fire fighting gear

<table>
<thead>
<tr>
<th>Helmet</th>
<th>Fire Coat</th>
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<tbody>
<tr>
<td>Fire Pants</td>
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<td>Hood</td>
<td>Fire Gloves</td>
</tr>
<tr>
<td>SCBA</td>
<td>PASS Device</td>
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SEC.600.10 Evacuation of the surrounding area

If the incident requires the evacuation of the surrounding areas around Clean Harbors, this can be done in evacuation levels.

Level 1 Evacuation- The area of the incident involved

Level 2 Evacuation- The entire complex and surrounding buildings

Level 3 Major Evacuation- This will include the following intersections

Hayward Street and Quincy Avenue
Quincy Avenue and East Howard Street in Quincy

Level 4 Extreme Evacuation- Locations will be determined by the incident commander
MAYOR KOKOROS OPPOSITION TO RESUMPTION OF REGULAR OPERATIONS 03-02-2023
March 2, 2023

Rebecca Underwood, President & EVP Facilities
Clean Harbors
42 Longwater Drive
Norwell, MA 02061

RE: Opposition to Resumption of Regular Operations Request

Dear Ms. Underwood,

I am opposing Clean Harbor’s March 2, 2023 Request for Resumption of Regular Operations to the Massachusetts Department of Environmental Protection ("MassDEP"). As you know, on February 16, 2023 a significant fire occurred at the Clean Harbors Braintree site at a trailer storage area at approximately 10 pm. As a result of that fire, operations ceased on site until the resumption of temporary limited operations which were allowed by MassDEP on February 27th. The Town of Braintree strongly believes that Clean Harbors should not be allowed to resume regular operations until multiple critical outstanding issues are addressed.

The health and safety of the residents of Braintree are of the utmost importance to me. To that end, at minimum, Clean Harbors must eliminate the storage of hazardous materials in tractor trailers on site as well as material and debris from the February 16th fire. The practice of storing flammable materials stacked within the warehouse must be reassessed to facilitate improved fire suppression, and on-site fire suppression capabilities must be upgraded. Permanent air quality monitors must be installed on site and within the surrounding neighborhood to provide real time information to the residents, and an air quality analysis must be provided to the Town delineating the impacts from the February 16th fire. In addition, there are still many outstanding issues raised by our residents at the February 28th Town Council meeting that must addressed.

Clean Harbors must commit to working with the Town and surrounding industries in East Braintree to develop an evacuation plan. Until the foregoing items are addressed by Clean Harbors, the Town cannot support a return to regular operations.

Sincerely,

Charles C. Kokoros
Mayor Charles C. Kokoros

cc: Millie Garcia-Serrano, MassDEP Southeast Regional Office, Regional Director, Congressman Lynch, Braintree Town Council President Boericke, Braintree Town Council,
March 4, 2023

Mayor Charles C. Kokoros
Mayor of Braintree
One JFK Memorial Drive
Braintree, MA 02184

Dear Mayor Kokoros:

I am writing in response to your recent letter regarding Clean Harbor’s request to partially resume operations at our Braintree site. First, I want to assure you that we share your commitment to operating in a safe, sustainable way that supports the health and environment of Braintree, the surrounding communities and their residents.

I thought it might be helpful to clarify a number of issues as both Braintree and the Massachusetts Department of Environmental Protection (MassDEP) consider our request. We are confident that Clean Harbors is taking all appropriate steps necessary to assure that operations at our Braintree site are safe, environmentally responsible and sensitive to the health of the surrounding community. We appreciate all the feedback we have received from you, the MassDEP, the Fire Department, the Town Council and residents.

At the outset, I want to acknowledge and thank the Braintree’s Fire Department for their support during this incident, their previous and ongoing partnership and their continued careful regulatory oversight of our operations. Clean Harbors is in full compliance with all Fire Code and regulatory permits.

As it relates to the specific issues raised in your letter:

1. All trailers have been removed from the Braintree site and the process of removing the debris and water from the incident and cleanup is underway and expect to be complete within the next two weeks. The remaining materials are all safely stored and do not represent any hazard to human health or the environment.
2. Clean Harbors agrees that it will not store any waste drum material onsite in trailers.
3. We want to be clear that Clean Harbors does not “stack” any flammable materials in our onsite warehouse; our permit does not allow this activity and we have never done so. We meet all fire codes and associated regulatory permit requirements.
4. Our operations have extensive on-site fire suppression capabilities, which meet the fire code and are consistent with industry standards. Our fire suppression systems are subject to annual, documented third party inspections; we are up to date and in compliance.

“People and Technology Creating a Safer, Cleaner Environment”
4. Clean Harbors is committed to working with the Town of Braintree on its evacuation plan; we have reviewed the existing plan and will meet with town officials to provide feedback and suggest ideas for improvement.

5. Our permit for operations of this site does not require ongoing air quality monitoring.

The Clean Harbors team recognizes the concern that the February 16 incident caused residents, particularly given the unknowns at the time of the incident and your request to shelter in place. However, as we have subsequently shared in multiple settings, there was no indication of air quality issues associated with the February 16th incident. Clean Harbors conducted air quality monitoring at the time of the February 16 incident and subsequently; this information was sent to DEP in a timely fashion. Third party air modeling consultants (GHD) will issue preliminary results by end of next week; this will be shared with the town immediately.

Clean Harbors appreciated the opportunity to participate in the February 28th Town Council meeting and listened carefully to questions and concerns. While we believe that a majority of these issues have been addressed, we are committed to working closely with the Town to respond to any remaining issues.

I thank you for the opportunity to address your concerns. I remain confident that with the key action steps we have taken – including the removal of all trailers from the Braintree site and continued operation of our compliant fire suppression systems – we can return to operations to support all of the businesses, hospitals, schools and others, including within the town of Braintree, Weymouth and Quincy, that rely on us.

On behalf of the Clean Harbors team, we look forward to working collaboratively with you to move forward.

Sincerely,

Rebecca Underwood
President and EVP of Facilities

Enclosures

c: stephen.lynch@mail.house.gov
mboericke@braintreema.gov
jjobrien@braintreema.gov
greg.cooper@mass.gov
millie.garcia-serrano@mass.gov

“People and Technology Creating a Safer, Cleaner Environment”
CLEAN HARBORS - CONTINGENCY EMERGENCY PREPAREDNESS PLAN
Clean Harbors of Braintree, Inc.
One Hill Avenue
Braintree, Massachusetts 02184-1363

ATTACHMENT XV

CONTINGENCY PLAN

AND

PREPAREDNESS AND PREVENTION PLAN

AMENDED 08/09/2022
CONINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Contingency Plan

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<td>General Information</td>
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   - Exhibit 1, Buildings 4, 5, and 6 Drum Storage Compatibility
   - Exhibit 2, Tank Content Properties
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CONTINGENCY PLAN

1.0 GENERAL INFORMATION

The Contingency Plan is designed to prevent, and to minimize hazards to public safety, or welfare or the environment from fires, explosions, spills or any other unplanned sudden or non-sudden release of hazardous waste or hazardous waste constituents to air, soil, surface water, or groundwater. The Contingency Plan also describes the actions facility personnel will take in an emergency, and the emergency equipment available for use in responding to an emergency.

The provisions in the Contingency Plan will be carried out immediately whenever there is a potential for, or there actually is, a fire, explosion, or other release of hazardous waste or waste constituents which could threaten public health, safety or welfare, or the environment.

1.1 General Facility Description

For a detailed description of waste management activities and the physical features of the Facility refer to the Facility Description in Part I of the License.

For the location of each waste management area within the Facility, refer to Figure F-1, Existing Site Plan, in Appendix 2.

For a list of hazardous wastes stored in containers and tanks, refer to Exhibit 1, Buildings 4, 5, and 6 Drum Storage Compatibility, and Exhibit 2, Tank Content Properties, Appendix 2, Facility Site Plan, Waste Descriptions and Locations.

1.2 Hazardous Wastes Managed at the Facility

Typical waste-generating industries served by CHBI include: metal finishing, organic chemical manufacturing, paint manufacturing, and electronic and electrical equipment manufacturing. These industries are located in Massachusetts and elsewhere in the northeast region.

The Facility is authorized to accept, store, and/or treat hazardous waste as identified in its Part A Form, Attachment XIX. Hazardous wastes typically received include:

- Characteristic wastes, including ignitable, corrosive, reactive and toxic wastes;
- Listed wastes which include at a minimum the following sources:
  - non-specific sources ("F" waste codes)
  - specific sources ("K" waste codes).
  - discarded commercial chemical products (U & P waste codes),
  - off-specification commercial chemical products (U & P waste codes)
- Universal Waste
- Polychlorinated biphenyls (PCB’s) and polyhalogenated aromatic hydrocarbons (PAH’s)

The Facility is also authorized to accept and store non-hazardous chemical wastes which, due to their nature, are best managed as hazardous waste. The Facility is not authorized to accept municipal solid waste. Infectious waste is authorized for limited storage in an alcove area in Building No. 6.

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1.3 Facility Waste Inventories
A list of the Facility’s waste management units and corresponding maximum waste inventories is presented in Table 1A, below.

Information regarding the identity, quantity and location of all waste located onsite is available from the WINWEB system and can be conveyed to outside emergency responders upon request.

Figure F-1, Existing Site Plan in Appendix 2 shows the location of the waste management units described below. Exhibit 1, Buildings 4, 5, and 6 Drum Storage Compatibility, lists the hazardous waste stored in containers, and Exhibit 2, Tank Content Properties, lists the hazardous waste typically stored in tanks.

<table>
<thead>
<tr>
<th>Waste Handling Unit</th>
<th>Location on Site Plan Fig. F-1</th>
<th>No. of Units</th>
<th>Total Volume Gallons/Yards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Containers</td>
<td>Building 4</td>
<td>1,338 drums*</td>
<td>73,590</td>
</tr>
<tr>
<td></td>
<td>Building 6</td>
<td>1,948 drums</td>
<td>107,140</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3,286 drums</td>
<td>180,730</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tanks</td>
<td>Building 6</td>
<td>3 (PCB)</td>
<td>6,840</td>
</tr>
<tr>
<td></td>
<td>Tank Farm</td>
<td>18</td>
<td>142,575</td>
</tr>
<tr>
<td></td>
<td>(Note: Calculated @ 95% of total volume)</td>
<td>21</td>
<td>149,415</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tankers</td>
<td>Building 6</td>
<td>2 @ 6,500</td>
<td>13,000 (PCB)</td>
</tr>
<tr>
<td></td>
<td>Tank Farm</td>
<td>8 @ 5,000</td>
<td>40,000</td>
</tr>
<tr>
<td></td>
<td>Tank Farm</td>
<td>3 ** @ 6,500</td>
<td>19,500 (PCB and/or RCRA)</td>
</tr>
<tr>
<td></td>
<td>(Note: there are eleven tanker bays @ Tank Farm)</td>
<td>13</td>
<td>72,500</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roll-Offs</td>
<td>Building 4</td>
<td>2 @ 40 yd³</td>
<td>80 yd³</td>
</tr>
<tr>
<td></td>
<td>(Drum Crushing Area)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Building 6East</td>
<td>2 @ 30 yd³</td>
<td>60 yd³</td>
</tr>
<tr>
<td></td>
<td>Dike Area</td>
<td>19 @ 30 yd³</td>
<td>570 yd³</td>
</tr>
<tr>
<td></td>
<td>30-Day PCB Storage Area</td>
<td>3 @ 30 yds</td>
<td>90 yd³</td>
</tr>
<tr>
<td></td>
<td>Tanker Loading/Unloading</td>
<td>Unspecified***</td>
<td>Unspecified ***</td>
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<table>
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<th>Area, Area 9, Bays 1-3</th>
<th>Unspecified ***</th>
<th>Unspecified ***</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>PCB Annex III, Area 13</td>
<td>26</td>
<td>800 yd³</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Note: 202 gals/yd³ * 800 yd³ = 161,600)</td>
</tr>
<tr>
<td>Flat-bed Trucks</td>
<td>Building 6</td>
<td>2</td>
<td>200 PCB Transformers</td>
</tr>
<tr>
<td></td>
<td>Tank Farm</td>
<td>2</td>
<td>200 PCB Transformers</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>4</td>
<td>400 PCB Transformers</td>
</tr>
<tr>
<td>Box Trailers</td>
<td>Building 4</td>
<td>6 (576 drums)</td>
<td>31,680</td>
</tr>
<tr>
<td></td>
<td>Building 6East</td>
<td>5 (480 drums)</td>
<td>26,400</td>
</tr>
<tr>
<td></td>
<td>Building 6West</td>
<td>8 (768 drums)</td>
<td>42,240</td>
</tr>
<tr>
<td></td>
<td>5 Bay Pad</td>
<td>5 (480 drums)</td>
<td>26,400</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>24 (2304 drums)</td>
<td>126,720</td>
</tr>
</tbody>
</table>

*All drums are considered to contain 55 gallons each*

**PCB containing tankers are limited to using bays 1, 2, and 3.

*** The maximum number of roll-off containers authorized for storage of hazardous waste in the PCB Annex III Area, Area 13, and the Tanker Loading/Unloading Area, Area 9, Bays 1-3, as listed above, are not specified, however all roll-off containers stored in these areas count towards the maximum capacity of 26 roll-off containers facility wide. [Note: Each of the three bays in the Tanker Loading/Unloading Area, Area 9, Bays 1-3, is authorized to contain either a roll-off container or a tanker vehicle at any one time.]

Note: Although CHBI is authorized to operate eighteen storage tanks in the Tank Farm, there are currently only four steel tanks and four polyethylene tanks installed and certified for use in the Tank Farm. The designs for ten additional tanks for installation in the Tank Farm have been approved. Prior to installation of any of the remaining ten tanks, CHBI must provide written notice and receive written approval from the Department. CHBI must also provide a certification in accordance with 310 CMR 30.693(10) before use.

Total gallons of hazardous waste = 690,965
Total number of PCB transformers = 400

In addition to managing wastes received from offsite sources, CHBI manages hazardous wastes which are generated onsite through activities such as laboratory analysis, drum crushing, and waste pumping and filtering activities. CHBI has notified as a large quantity generator (LQG) of hazardous waste and as a large quantity handler of universal waste. A listing of the 90-day accumulation areas (ACC-#) and the satellite accumulation areas (SAT-#) and their locations are
presented in Table 1B, below and a description of these areas is provided in Appendix 1, Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings.

**Table 1B**

**Identification of Satellite/ Accumulation Areas***

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<th>Location and identifier</th>
<th>Satellite or Accumulation</th>
<th>Typical Waste Type</th>
</tr>
</thead>
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<td><strong>Building 2 (laboratory)</strong></td>
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<td></td>
</tr>
<tr>
<td>ACC-1</td>
<td>ACC</td>
<td>Ethanol/Chloral</td>
</tr>
<tr>
<td>SAT-1</td>
<td>SAT</td>
<td>Contaminated PPE</td>
</tr>
<tr>
<td>SAT-2</td>
<td>SAT</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>SAT-3</td>
<td>SAT</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>SAT-3</td>
<td>SAT</td>
<td>Hexane/ sulfuric acid</td>
</tr>
<tr>
<td>SAT-4</td>
<td>SAT</td>
<td>Solvent/ oil</td>
</tr>
<tr>
<td>SAT-5</td>
<td>SAT</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>SAT-6</td>
<td>SAT</td>
<td>Halogenated oil</td>
</tr>
<tr>
<td>SAT-6</td>
<td>SAT</td>
<td>Hexane/ PCB</td>
</tr>
<tr>
<td>SAT-7</td>
<td>SAT</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>SAT-8</td>
<td>SAT</td>
<td>Ethanol/Chloral</td>
</tr>
<tr>
<td>SAT-9</td>
<td>SAT</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>ACC-13</td>
<td>ACC</td>
<td>Spent lab ware</td>
</tr>
<tr>
<td>ACC-14</td>
<td>ACC</td>
<td>Sample disposal/ spent lab ware</td>
</tr>
<tr>
<td><strong>Building 2 (maintenance)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAT-20</td>
<td>SAT</td>
<td>Oil</td>
</tr>
<tr>
<td>ACC-15</td>
<td>ACC</td>
<td>Spent light tubes/ bulbs</td>
</tr>
<tr>
<td><strong>Building 4 (flammable area)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC-5</td>
<td>ACC</td>
<td>Flammable liquids and sludge</td>
</tr>
<tr>
<td>ACC-10</td>
<td>ACC</td>
<td>Contaminated PPE, absorbent</td>
</tr>
<tr>
<td>SAT-10</td>
<td>SAT</td>
<td>Oil and water</td>
</tr>
<tr>
<td><strong>Building 4 (receiving dock)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC-11</td>
<td>ACC</td>
<td>Contaminated PPE, absorbent</td>
</tr>
<tr>
<td><strong>Building 4 (receiving chemist area)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAT-22</td>
<td>SAT</td>
<td>Contaminated PPE, absorbent</td>
</tr>
<tr>
<td>SAT-22</td>
<td>SAT</td>
<td>Hexane/ sulfuric acid</td>
</tr>
<tr>
<td><strong>Building 4 (flammable/ acidic area)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC-6</td>
<td>ACC</td>
<td>Hexane/ sulfuric acid</td>
</tr>
<tr>
<td><strong>Building 4 (drum crusher area)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAT-16</td>
<td>SAT</td>
<td>Flammable residues</td>
</tr>
<tr>
<td>SAT-16</td>
<td>SAT</td>
<td>PCB residues</td>
</tr>
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<td>SAT-17</td>
<td>SAT</td>
<td>Aerosols</td>
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<td><strong>Tank Farm</strong></td>
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<td>SAT-12</td>
<td>SAT</td>
<td>Alkaline filter cleanout</td>
</tr>
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<td>SAT-13</td>
<td>SAT</td>
<td>Acidic filter cleanout</td>
</tr>
<tr>
<td>SAT-14</td>
<td>SAT</td>
<td>Flammable filter cleanout</td>
</tr>
<tr>
<td>ACC-8</td>
<td>ACC</td>
<td>Drum staging</td>
</tr>
<tr>
<td><strong>Building 6</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ACC-9</td>
<td>ACC</td>
<td>Cyanide filter cleanout</td>
</tr>
<tr>
<td>ACC-12</td>
<td>ACC</td>
<td>Contaminated PPE, absorbent</td>
</tr>
</tbody>
</table>
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

<table>
<thead>
<tr>
<th>SAT-15</th>
<th>SAT</th>
<th>PCB filter cleanout</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAT-23</td>
<td>SAT</td>
<td>Contaminated PPE, absorbent</td>
</tr>
<tr>
<td>SAT-23</td>
<td>SAT</td>
<td>Hexane/ sulfuric acid</td>
</tr>
</tbody>
</table>

* See Appendix 1, “Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings” for specific locations of each satellite accumulation area.

1.4 Management of Polyhalogenated Aromatic Hydrocarbons (PAH’s)

PAH’s may be found in many compounds. The following are the most commonly used PAH’s that may be stored at the Facility.

- PCBs: Building Nos. 4, 6; the Tank Farm (Bays 1,2 & 3); and roll-offs located adjacent to the Five-Bay Parking Pad
- dioxins: Building Nos. 4, 6 and the Tank Farm
- chlorinated pesticides: Building Nos. 4, 6, and the Tank Farm
- chlorinated solvents: Building Nos. 4, 6 and the Tank Farm.

Should a leak or spill of PAH’s occur, cleanup procedures will satisfy the requirements of 310 CMR 30.688(5), titled “Special Requirements for Ignitable, Reactive, and Incompatible Hazardous Wastes, and Hazardous Wastes that are Polyhalogenated Aromatic Hydrocarbons”. Specific cleanup procedures that apply to all hazardous waste held in tanks and containers are provided in Section 5.6.1 and Section 5.6.2, respectively.

Most minor spills and leaks from containers are easily contained within the containment structures and sumps located in the drum handling areas. Leaking drums will either be packed in over-pack drums or the contents transferred to another drum. Spills will be absorbed with absorbents or swept into a sump to be pumped into new containers. Washing with water and detergents, or solvent rinsing, will be done to remove trace residuals.

All hazardous waste storage tanks are located in secondary containment in the Tank Farm. PCB storage tanks are located in secondary containment in Building No. 6.

Upon discovery of a leaking tank, area employees shall immediately notify the Emergency Coordinator. The Emergency Coordinator would then instruct plant personnel to transfer the remaining tank contents into an empty tank or an empty tanker. All free liquid would be immediately pumped from the secondary containment sumps and residuals would be cleaned up using absorbents such as speedy dry. All waste generated during the response would be tracked in the Facility’s waste disposal system and be subsequently disposed at a properly licensed disposal facility. The tank would be placed out-of-service until proper repairs have been made.

Required incident notification to regulatory agencies is discussed in Section 9.0. Notification may include local, state or federal agencies.

2.0 HAZARD PREVENTION

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In accordance with 30 CMR 30.521, titled “Purpose, Content, and Implementation of Contingency Plan”, paragraph (10), CHBI has in place procedures, structures and equipment to prevent hazards from day-to-day operations including:

- Waste profile and waste analysis procedures to prevent uncontrolled reaction from incompatible waste streams.
- The separation of potentially incompatible wastes in different storage areas separated by isolation berms and/or containment pallets.
- Ramps and other access devices, spill containment and forklift safety procedures used to avoid accidents during handling, loading or unloading operations.
- The use of secondary containment to isolate potential spills or leaks in areas where hazardous wastes are stored or treated.
- Conducting container and tank activities under roofed structures to prevent contamination of stormwater.
- The site is next to a sea wall which will prevent potential flooding.
- Two backup generators which are capable of supplying adequate power to critical processes in the event of a power failure.
- Safe work practices that reduce hazards and minimize the potential for un-planned spills or releases to air, soil and water.
- Use of protective clothing and respiratory protection CHBI minimizes potential exposure of site personnel.
- Personnel are trained to safely operate equipment and segregate potentially incompatible wastes. The detailed training topics are found in Attachment XIV, Personnel Training Plan.

3.0 IMPLEMENTATION OF THE CONTINGENCY PLAN

The provisions of the Contingency Plan shall be implemented immediately whenever there is a potential for, or there actually is, a fire, explosion, or other release of hazardous waste or waste constituents, which could threaten human health, safety, welfare, or the environment. The purpose of this section is to provide guidance to the Emergency Coordinator in making a decision to implement the Contingency Plan.

4.0 EMERGENCY COORDINATOR

4.1 Emergency Coordinator List
The names addresses and home and office telephone numbers of all persons qualified to act as Emergency Coordinator of the CHBI facility are included in Table 2.
### TABLE 2

**EMERGENCY COORDINATORS**

<table>
<thead>
<tr>
<th>Emergency Coordinators</th>
<th>Home Phone</th>
<th>24 Hour Emergency Number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PRIMARY:</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>RICHARD WILLIAMS</td>
<td>(No home phone)</td>
<td>(781) 913-0722</td>
</tr>
<tr>
<td>OPERATIONS MANAGER</td>
<td>(781) 380-7135</td>
<td></td>
</tr>
<tr>
<td>10 Wanskuck Ave.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Providence, RI 02904</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Qualifications:
Mr. Williams has been Operations Manager since May of 2022. Prior to becoming Operations Manager Richard has held numerous positions with Clean Harbors. Coming in as a Field Technician in Rhode Island, then working for Braintree and becoming a Facility Technician, Warehouse foreman, Receiving Chemist and finally Operations Manager. Mr. Williams has been with Clean Harbors since 2013. He has 10 years of experience in the industry.

Education:
Mount Pleasant

**ALTERNATES:**

<table>
<thead>
<tr>
<th>Emergency Coordinators</th>
<th>Home Phone</th>
<th>24 Hour Emergency Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEPHEN GANLEY</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
</tr>
<tr>
<td>FACILITY GENERAL MANAGER</td>
<td>(617) 962-4777</td>
<td></td>
</tr>
<tr>
<td>73 Suwanee Rd.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weymouth, MA 02189</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Qualifications:
Mr. Ganley is the General Manager at the Braintree Facility. Mr. Ganley started his career at Clean Harbors right after completing his college studies. He has over 30 years’ experience managing TDSF’s with two other environmental service companies along with managing multiple facilities with Clean Harbors prior to rejoining the company.

Education:
Westfield State College – Bachelor of Science in Accounting

<table>
<thead>
<tr>
<th>Emergency Coordinators</th>
<th>Home Phone</th>
<th>24 Hour Emergency Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>WAYNE ALFONE</td>
<td>(508) 746-3008</td>
<td>(781) 953-4431</td>
</tr>
<tr>
<td>MAINTENANCE MANAGER</td>
<td>(781) 380-7141</td>
<td></td>
</tr>
<tr>
<td>195 Rockypond Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plymouth, MA 02360</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Qualifications:
Mr. Alfone has been the Maintenance Manager since the fall of 2007 for the CHBI facility. Prior to becoming the maintenance manager Mr. Alfone has held numerous positions within the company. Mr. Alfone has been with Clean Harbors since 1989 and has more than 25 years experience within the industry. Mr. Alfone holds an equipment operator hydraulics license.

Education:
Petersen School of Steam Engineering
Basic Electrical Wiring Course

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4.2 Emergency Coordinator Qualifications and Responsibilities
The responsibilities and qualifications of the Emergency Coordinator are detailed in 310 CMR 30.521(7), titled “Purpose, Content, and Implementation of Contingency Plan”. At all times, there will be at least one employee either on the Facility premises or on call (i.e., available to respond to an emergency by reaching the Facility within one hour) with the responsibility for coordinating all emergency response measures. The Emergency Coordinators have the authority to commit the resources needed to carry out the Contingency Plan. The Emergency Coordinator, and all emergency coordinator alternates, are thoroughly familiar with all aspects of the Facility's Contingency Plan, all operations and activities at the Facility, the location and characteristics of waste handled, the location of all records within the Facility, and the Facility layout.

5.0 EMERGENCY RESPONSE PROCEDURES

5.1 Identification, Assessment, and Notification
Whenever there is an imminent or actual emergency situation, the Emergency Coordinator, or an alternate when the Emergency Coordinator is not on call, will immediately:

- Notify all Facility personnel via the intercom system, phones and/or radios; and
- Notify appropriate Federal, state and/or local agencies with designated response roles. The guideline and procedures for notifying external response agencies are presented in Section 9.0.

Whenever there is a release, fire, or explosion, the Emergency Coordinator will immediately identify the character, exact source, amount, and extent of any released materials. This may be done by observation, review of facility records, manifests or if necessary, by chemical analysis. Concurrently, the Emergency Coordinator will assess possible hazards to human health or the environment that may result from a release, fire or explosion. These hazards include the effects of any toxic, irritating, or asphyxiating gases that are generated, or the effects of any hazardous surface water run-off or chemical agents used to control a fire or a heat-induced explosion.

If the Emergency Coordinator's assessment indicates that evacuation of part or all of the surrounding community should be considered, the Emergency Coordinator will immediately notify appropriate local authorities. The Emergency Coordinator shall defer any decisions regarding evacuation of the surrounding community to the Braintree Fire Department. The Emergency Coordinator shall remain available to consult with the Braintree Fire Department and other local/state officials regarding potential or actual evacuation orders.

5.2 General Control Procedures
During an emergency the Emergency Coordinator will take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous waste stored at the Facility. These measures must include, where applicable, stopping facility operations, collecting and containing released waste, and removing or isolating containers.
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If the Facility halts operations in response to a fire, explosion or release, the Emergency Coordinator must monitor leaks, pressure buildup, gas generation, or ruptures in valves, pipes, or other equipment, wherever this is appropriate.

Immediately after an emergency, the Emergency Coordinator must provide for the treatment, storage, or disposal of recovered waste, contaminated soil, surface water, or any other wastes that result from a release, fire or explosion at the Facility. All recovered wastes will be characterized and/or managed as hazardous waste and CHBI will be considered the generator for all wastes shipped offsite for treatment or disposal.

The Emergency Coordinator will ensure that in the affected area(s) of the Facility:

- No waste that may be incompatible with the released material is treated, stored or disposed until cleanup procedures are completed. Waste compatibility is determined according to DOT hazard classification and if needed is verified by sampling and analysis as per the Waste Analysis Plan, Attachment XII.

- All emergency equipment listed in the Contingency Plan is cleaned and refitted for its intended use before operations are resumed.

The Emergency Coordinator will note in the Operating Record the time, date, and details of any incident that requires implementing the Contingency Plan. Operations following an emergency will not resume until MassDEP has given its approval.

5.3 Emergency Response Plan
The Facility has been designed and constructed and operating procedures have been established with the primary goal of preventing accidents and emergencies. However, the following emergency response procedures are necessary in order to be prepared to respond to an accident or an emergency.

Any employee who observes, discovers or otherwise detects an emergency situation involving a fire, explosion or release of hazardous waste to air, soil or surface water shall follow these general emergency response procedures sequentially:

- Render assistance to personnel that may be involved in the emergency and remove them from further exposure or injury.
- Alert other personnel in adjacent areas to potential hazards and inform the Emergency Coordinator by either dialing extension "7110" [Guard shack], by using the hand held two way radio system, or using a cell phone, whichever means is quickest.
- An individual should only attempt to extinguish fires that are in their incipient stage. Under no circumstance should an individual attempt to extinguish the fire alone.
- If appropriate, the Emergency Coordinator will initiate the audible plant emergency alarm and calls for assistance as required. The Compliance Guard located in the Guard shack notifies the Emergency Coordinator and other management personnel during weekends, holidays and second and third shifts.

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- Upon hearing the emergency alarm, plant operations stop and shutdown operations are instituted as described later in this section. All personnel exit their workplace and assemble in the emergency assembly areas. Attendance is taken to confirm all personnel are present.
- The Emergency Coordinator contacts the necessary response agencies.
- Should it be necessary, the Emergency Coordinator notifies all personnel to evacuate the Facility by prescribed routes. This notification is by verbal command.
- The Emergency Coordinator assesses the emergency situation and initiates the return to the workplace if and when appropriate.

The same procedures are followed during emergencies that occur at night, on weekends or holidays.

5.4 Fire Alarm and Control System
The plant emergency alarm system will give an audible fire alert signal to all employees located onsite and will instantly alert the Braintree Fire Department by electronic means. The location of pull stations; the source of the alarm signals; manual trip alarms and automatic alarms are illustrated in drawings that map evacuation routes and emergency equipment. These drawings can be found in Appendix 1, Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings. Procedures identical to those previously described in Sections 5.2 and 5.3 will be followed by facility personnel. Facility operations personnel participate in annual fire fighting training. This training includes the use of hand-held fire extinguishers and the use of all equipment identified in the Personnel Training Plan. Specific information pertaining to employee training can be found in Attachment XIV.

5.4.1 Fire in Tank Farm
In the event of a tank fire within the Tank Farm, the following procedures will be implemented.

- Transfer operations are stopped immediately.
- Emergency Coordinator is notified immediately and the plant fire alarm described in Section 9.0 of the Preparedness and Prevention Plan is activated.
- The Emergency Coordinator calls the Braintree Fire Department by dialing 911 to ensure notification.

At this point, a decision must be made as to when the manual foam suppression system described in Section 9.0 of the Preparedness and Prevention Plan, should be activated. In making the decision, the Emergency Coordinator must determine the size and location of the fire. If the fire occurs within the Tank Farm but it is small and/or away from stored flammable or combustible liquids, then the decision may be made to extinguish the flame by another means. Portable fire extinguishers are readily available in all Clean Harbors vehicles and also distributed throughout the facility. Fire hydrants are located just outside the Dike Area as shown in Figure F-1, Drawing 6146-C-03, Attachment XXI. The preferred response is to extinguish the fire in its incipient stage. The Emergency Coordinator or a designated facility employee will meet the fire department at the front gate and direct them to the proper area. A head count will be made as soon as possible to ensure that the area has been completely evacuated. The foam fire suppression system will be then be activated.
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All tankers that are docked in the Tank Farm at the time of a fire event in the Tank Farm will remain in place as they are adequately protected by the foam fire protection system.

5.4.2 Fire in the Container Storage Building and Other Waste Management Areas
The following procedures will be implemented in the event of a drum fire in the drum storage and handling areas of Buildings Nos. 4 and 6.

If a fire occurs in Building No. 4, including the drum crushing area, the automatic foam suppression system will be activated. If possible, fires will be extinguished using hand held extinguishers during their incipient phase. Personnel have been instructed that they should evacuate the area using the nearest exit if the fire cannot be extinguished with a hand held unit.

If a fire occurs in Building No. 6, or on either of its two loading docks, the automatic water based fire suppression system will be activated. If a fire occurs in the PCB tank containment area, the building sprinkler system is automatically activated. If possible, fires will be extinguished using hand held extinguishers during their incipient phase. Personnel have been instructed that they should evacuate the area using the nearest exit if the fire cannot be extinguished with a hand held unit. There is a dry chemical system that covers the south end of the east dock adjacent to Building 6. This unit is designed to monitor a roll-off used for bulking solid waste.

If a fire occurs in the Five Bay Parking Area, or any other area used for in-transit waste storage, the fire will be extinguished using hand held extinguishers during its incipient phase. Personnel have been instructed that they should evacuate the area if the fire cannot be extinguished with a hand held unit.

The remaining procedures are then followed:
- The Emergency Coordinator is notified.
- The manual fire alarm actuator is pulled, if not already activated by an automatic system.
- The emergency response procedures follow the same alarm procedures as previously described in Sections 5.3 and 5.4.
- The area is cleared of non-firefighting personnel.
- A head count of facility personnel is made by the emergency coordinator as soon as practical.

All operations personnel are trained in the use of extinguishing equipment to fight incipient fires, to protect themselves from fire hazards, and to exit the work area safely. Personnel are annually retrained to use all systems and that training is documented in the training records. These records are kept electronically and can be accessed by any computer at the Facility.

5.5 Explosion Event
In the event of an explosion, all facility operations are shut down. A fire alarm is sounded and the following procedures are instituted:

- If no fire occurs, a head count is made as soon as practical.
- Injured personnel are administered first aid and an EMS is called if required by dialing 911.
- The Emergency Coordinator is immediately notified of any explosion.

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- General response procedures follow those previously described in Sections 5.3 and 5.4.

5.5.1 Equipment Shutdown by Area
In the event that the Contingency Plan is implemented the following equipment shall be shut down.

Building No. 4
a. All pneumatic pumps and associated valves
b. All forklifts

Building No. 5
a. Low pressure boiler

Building No. 6
a. All pneumatic pumps and associated valves
b. All forklifts

Tank Farm
a. All pneumatic pumps and associated valves

5.6 Leaks and Spills

5.6.1 Tank Leaks and Spills
All hazardous waste storage tanks are located in secondary containment in the Tank Farm. PCB storage tanks are located in secondary containment in Building No. 6. Upon discovery of a leak in the tank system, area employees shall immediately notify the Emergency Coordinator. If a leak occurs during non-business hours the Compliance Guard at the guard shack would become aware of it either by viewing it on the security monitor, or by auditory means via a high level sump alarm, and would notify the Emergency Coordinator.

The Emergency Coordinator would instruct plant personnel to inspect the tank system and immediately fix the leak, or if necessary, transfer the remaining contents of the tank into an empty tank or an empty tanker. All free liquid would be immediately pumped from the secondary containment sumps and residuals would be cleaned up using absorbents such as speedy dry. All waste generated during the response would be tracked in the Facility’s electronic record (WINWEB) and it would be subsequently disposed at a properly licensed disposal facility. The tank would be placed out of service until proper repairs have been made.

For large spills or leaks that are reportable per Section 9.0, Incident Notification and Required Reporting, the following procedures will be followed:

(1) If a leak develops or a spill occurs from a waste storage tank, pipeline, pump, transportation vehicle, etc., the employee discovering the discharge will immediately contact the Emergency Coordinator.

(2) The Emergency Coordinator will proceed to the area and organize plant employees to proceed with containment and cleanup.

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(3) The Emergency Coordinator will evaluate:
   a) Personnel injured and the degree of injury.
   b) Location, source, direction, quantity, rate, and type of material spilled.
   c) Determine if an actual or potential fire or explosion is involved.

(4) Next, the Emergency Coordinator will:
   a) Shut down all processes in the area and evacuate all personnel. Spill response personnel will congregate in the spill control area to await instructions from the Emergency Coordinator.
   b) Obtain medical attention for any injured person(s).
   c) If a fire is involved, the Emergency Coordinator will follow procedures previously described in Section 5.4.
   d) Contact the proper authorities if the spill or release is reportable. Local and state authorities will be contacted first to develop evacuation programs if necessary.

(5) The Emergency Coordinator will organize the spill response team to:
   a) Enter the area equipped with the appropriate degree of personal safety equipment and cleanup supplies.
   b) Assure evacuation of all unauthorized persons has occurred from the spill area.
   c) Plug all stormwater drains (if applicable).
   d) Remove all ignition sources. Limit use of only non-spark tools and explosion proof equipment, if flammable wastes are involved.
   e) Assure that reactive materials are not located in the spill area.
   f) Apply absorbents (clay, pads, and booms) to spill materials or direct spilled materials to sump for transfer to containers.
   g) Collect and place all contaminated absorbent in appropriate containers for subsequent disposal.
   h) Remove residuals by rinsing with water/detergents or solvents.
   i) Small quantities of spilled materials will be placed in containers for subsequent disposal; larger quantities may be placed in tanker trucks or roll-off boxes. If a waste cannot be characterized using knowledge, it will be analyzed to determine proper disposal requirements.

5.6.2 Container Leaks and Spills
Most minor spills and leaks are easily contained within the containment and sumps located in the drum handling and tank farm areas. Leaking drums will either be packed in over-pack drums or the contents transferred to another drum. Spills will be absorbed with absorbents or swept into a sump to be pumped into new containers. Washing with water and detergents, or solvent rinsing, will be done to remove trace residuals.

Approximately twenty (20) tons of absorbent material is available throughout the Facility for the purposes of containing and cleaning up spills. A front-end loader is available on-site at all times to move absorbent, to construct additional containment berms or to remove contaminated solids.
All personnel are trained on the proper spill containment and removal procedures and are retrained in such procedures annually.
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Should a large spill or leak that is reportable develop, the specific procedures previously described in Section 5.6.1 shall be followed.

5.7 Floods
If the threat of facility flooding should arise, the Emergency Coordinator will have sufficient lead time to suspend all incoming waste shipments and to remove wastes being stored at lower flood-prone elevations within the Facility. Response to this type of natural disaster would consist of shutting down potentially affected activities at the Facility and securing all equipment and materials until the situation subsides.

5.8 Equipment Failure or Power Outages
If there has been an equipment failure or power outage which results in a potential or actual fire, explosion, spill or release or an imminent condition which could result in such events, the procedures previously described for each type of event will be implemented. The following procedures have been developed and will be implemented if equipment failure or power loss does not present an imminent threat of a release, spill, fire or explosion.

- Immediately turn off all power or power equipment in the system (i.e., pump or tanker).
- Immediately notify the Emergency Coordinator of the failure or outage.
- The Emergency Coordinator will work with plant maintenance personnel and/or subcontractors to determine the cause of the failure or outage and initiate efforts to correct the situation.
- If the failed equipment is portable, it will be removed from the operating area to the maintenance area or other secured area for repairs. If non-portable, the failed equipment will be locked-out and tagged until all necessary repairs are made.

6.0 EMERGENCY EQUIPMENT

A list of the emergency equipment available at the Facility, including a brief outline of its capability, is included as Table 3. Equipment on the list includes hand held fire extinguishers, fire extinguishing systems, spill control equipment, communications systems, alarm systems, and decontamination equipment. Table 3 will be updated as necessary to reflect any changes in the quantities or types of equipment available for emergency use in the Facility. The location of the emergency equipment in each of the buildings, or waste management areas, is shown in drawings illustrating evacuation routes in Appendix 1, Satellite Accumulation Areas, Emergency Equipment, and Primary Evacuation Assembly Maps for Buildings.

The Facility has an internal communication system consisting of telephones installed at waste management areas and two-way radios and cell phones carried by facility personnel for the purpose of contacting the Guard Shack in the event of an emergency. Also, alarm pull stations are accessible and trigger the facility-wide audible alarm system to alert facility personnel and the Braintree Fire Department.

The locations of all communication equipment, pull stations and alarms are shown in Appendix 1, Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings, and also marked on Figure F-2, Drawing 6146-C-05, Safety Equipment Plan, in Volume 3 of this License.

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In addition to the emergency equipment noted above, the following emergency response, containment and personal protective equipment have been issued to all facility employees for use in their normal work functions:

- Respirators
- Hard Hats
- Goggles
- Face Shields
- Rain Suits
- Aprons
- Gloves

All emergency equipment is inspected and maintained in accordance with the Facility's Inspection Plan found in Attachment XIII. The Inspection Plan describes the frequency of visual inspection and testing, inspection items to look for during inspections, the results of the periodic inspection and testing and any corrective action taken as a result of deficiencies found during the inspection. Each inspection is documented as part of the electronic inspection program and is maintained as part of the Facility’s Operating Record. This is kept electronically in the WINWEB system and is accessible from any computer on-site. Documentation of the most recent inspection and testing of these systems is available at the Facility for examination by MassDEP at any time. Specific emergency response equipment such as fire extinguishers, SCBA units, and the automatic fire suppression systems are tested in accordance with manufacturer specifications by qualified third-party contractors. The Facility’s compliance staff maintains a written record of all testing and repairs conducted on emergency equipment. This is documented in the electronic inspection records and subcontractor inspection reports that are filed in the Facility’s office area.

Table 3

<table>
<thead>
<tr>
<th>Emergency Equipment</th>
<th>Capabilities</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equipment</strong></td>
<td></td>
</tr>
<tr>
<td>Telephones</td>
<td>Direct Dial Access (9 + number) to outside Emergency Agencies.</td>
</tr>
<tr>
<td>Cellular Phones</td>
<td>Internal plant communication with people who have another unit.</td>
</tr>
<tr>
<td>Fire Extinguishers</td>
<td>1) Hand-held units: 20 lb charge (5 lb charge in laboratory), rated for Class ABC fires.</td>
</tr>
<tr>
<td></td>
<td>2) Mobile (wheeled) units, 100 lb dry charge rated for Class ABC fires.</td>
</tr>
<tr>
<td>Fire Suppression Systems</td>
<td>Four individual systems:</td>
</tr>
<tr>
<td></td>
<td>1) former Laboratory -- Halon System</td>
</tr>
<tr>
<td></td>
<td>2) Building No. 4, Dike Area &amp; Tank Farm-- 1000 lb internally supplied AFFF foam suppression system</td>
</tr>
<tr>
<td></td>
<td>3) Building No. 6 -- Dry chemical, for drum consolidation in rollofs</td>
</tr>
</tbody>
</table>

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4) Building No. 6 - water based sprinkler system.

**Fire Alarm Pull Stations**
Located throughout the facility; all manual activation stations sound a general siren alarm and with the exception of the Building No. 6 loading dock system, trigger an automatic electronic signal to the Braintree Fire Department.

**Fire Hydrant**
City Supply, 80 lb pressure.

**Emergency Generators**
Two backup generators to supply electricity if power is lost.

**Fire Blanket**
NFPA approved fire blanket to extinguish body clothes fire.

**Self Contained Breathing Apparatus (SCBA)**
SCBA Units; supplied air system.

**Respirators**
Full face masks for air purification.

**Cartridges**
Cartridges such as but not limited to: Type GMC-H type for organic vapors, acid gases and toxic dusts, fumes and mists; Types such as but not limited to GMC for organic vapors and acid gases; & Type H for toxic dusts, fumes and mists.

**Barricade Coverall**
Rain gear type level "B" suits for protection against spilled/splashed organic liquids.

**Saranex Suits**
Brand name protective coverall for level "B" protection against PCB's and other organics.

**Tyvek Suits**
Polyethylene coated level "C" suits for protection against contact with spilled/splashed liquids.

**PCV Gloves/Boots**
Foot and hand protection from contact with oils; PCV material is resistant to degradation caused by contact with oil and oil based products.

**Eyewash (Portable)**
16 oz. hand held units and 15 minute water spray units for flushing eyes.

**Eyewash/Showers (Stationery)**
Fixed deluge showers and eyewash stations for flushing eyes and/or entire body.

**Absorbents**
Speedi-dri and absorbent pad media for use in containing and cleaning up spilled liquids.
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Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Buckets/Drums
Various sizes up to 110 Gal overpack drums. For containerization of liquids, solids and other leaking containers.

Shovels/Squeegeies/Brooms
General earth/absorbent moving, construction of berms to contain spilled liquids, etc.

First Aid Kits
Respond-brand general first aid for minor personal injury such as cuts, scrapes, burns, etc.

<table>
<thead>
<tr>
<th></th>
<th>102(c)</th>
<th>090(c) kit</th>
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<tbody>
<tr>
<td>1</td>
<td>tongue depressors</td>
<td>1 Q tips, vial</td>
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<td>1</td>
<td>scissors 4&quot;</td>
<td>1 elastic tape</td>
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<tr>
<td>1x3</td>
<td>gauze sterile</td>
<td>2 small ice pack</td>
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<td>1</td>
<td>tweezer 3&quot; standard</td>
<td>2 alcohol swabs</td>
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<td>1</td>
<td>eye wash 4 oz</td>
<td>3 bandaids</td>
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<td>1</td>
<td>roll gauze 1x5 yd</td>
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</tr>
<tr>
<td>1</td>
<td>roll gauze 2x5 yd</td>
<td>1 2&quot;x5 yd kling</td>
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<td>1 4&quot;x4&quot; gauze</td>
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<tr>
<td>1</td>
<td>plastic bandage</td>
<td>1 non stick pads</td>
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<td>triangular bandage</td>
<td>1 tape white</td>
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<tr>
<td>1</td>
<td>small ice pack</td>
<td>1 eye wash</td>
</tr>
<tr>
<td>1</td>
<td>elastic tape</td>
<td>2 ammonia box</td>
</tr>
<tr>
<td>1</td>
<td>bloodstopper</td>
<td>1 eye dressing</td>
</tr>
<tr>
<td>1</td>
<td>knuckle elastic</td>
<td>1 insect sting</td>
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<tr>
<td>1</td>
<td>fingertip, elastic</td>
<td>1 compress bandage</td>
</tr>
<tr>
<td>2</td>
<td>antiseptic wipes</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2&quot;x2&quot; gauze</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>neutralizer</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>scissors</td>
<td></td>
</tr>
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</table>

Emergency Response Lockers
2 SCBA Units
2 polyethylene coated Tyvek suits (level”C”)
2 barricade coverall suits (level”B”)
1 bale of absorbent pads
2 rolls duct tape
4 pairs of PVC gloves
4 pairs of safety goggles
2 full face respirators w/cartridges
4 hard hats
4 face Shields
4 pair boot covers

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CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

*For location of equipment see Appendix 1, Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings.

7.0 COORDINATION AGREEMENTS

In accordance with 310 CMR 30.522, CHBI has distributed copies of this Contingency Plan and Preparedness and Prevention Plan and made arrangements with the following emergency response/assistance organizations.

7.1 Coordination With Fire Departments

Arrangements have been made to conduct periodic facility tours and training sessions to familiarize members of both the Braintree and Quincy Fire Departments with the layout of the facility, the properties of the waste managed and hazards associated with each type of waste, places where facility personnel would normally be working, entrances to and roads inside the facility and evacuation routes.

- Braintree Fire Department
  One Union Place
  Braintree, MA 02184
  (781) 843-3600
  Contact: Steven Sawtelle, HazMat Officer

- Quincy Fire Department
  40 Quincy Avenue
  Quincy, MA 02169
  (617) 376-1010
  Contact: Lt. Stephen Walsh, Hazardous Materials Officer

In the event of an emergency requiring response from both departments, the Braintree Fire Department will act as the primary emergency authority and will coordinate the response via inter-department communications. Vehicles from the Quincy Fire Department will wait on Quincy Avenue for communication from the Braintree Fire Department on the wind direction determined by observing the wind socks on Quincy Avenue and on the Tank Farm roof by Building No. 4. Depending on the wind direction, response vehicles will enter the facility through either the CITGO Terminal (wind direction west) or by Hill Avenue (wind direction north, east, or south).

7.2 Coordination With Police Departments

The Braintree Police Department is responsible for traffic control and maintaining emergency access to the facility. By being familiar with various sections of this plan, the Police Department can determine what resources are needed to respond to an emergency at the facility.

- Braintree Police Department
  282 Union Street
  Braintree, MA 02184
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

(781) 843-1212
Contact: Paul Frazier, Chief
• Massachusetts State Police
  6 West Street
  Norwell, MA 02061
  (781) 659-7911
  Contact: Lt. Keith Blaney, Station Commander

Should an emergency occur of such proportions as to require evacuation of the area surrounding the Facility, the Braintree Police Department may contact the Massachusetts State Police for assistance. A copy of this Contingency Plan has therefore been forwarded to the Station Commander at the nearest Massachusetts State Police barracks in Norwell, MA. This provision is not intended to exaggerate risk but rather to provide as much protection as is available should such a situation arise.

7.3 Coordination With Hospitals
Arrangements have been made to familiarize the emergency staff at the South Shore Hospital and the Quincy City Hospital with the properties of hazardous waste handled at the facility and the types of injuries or illnesses which could result from fires, explosions or other releases at the Facility. In a major emergency, more than one hospital could be called upon to receive injured personnel. In this case Quincy City Hospital would serve as a backup to South Shore Hospital.

• South Shore Hospital
  55 Fogg Road
  Weymouth, MA 02190
  (781) 340-8000
  Contact: Dr. John Benanti, Director of Emergency Services

• Quincy City Hospital (Quincy Medical Center)
  114 Whitwell Street
  Quincy, MA 02169
  (617) 773-6100 (Extension 4052)
  Contact: Mark Dutra, Director of Environmental Services

7.4 Coordination with the Board of Health
The Braintree Board of Health has been provided a copy of the Contingency Plan and Preparedness and Prevention Plan.

Braintree Board of Health
One JFK Memorial Drive
Braintree, MA 02184
(781) 794-8095
Contact: Mary E. McGrath, R.S., Executive Health Officer

7.5 Coordination with MassDEP Officials
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Copies of the Contingency Plan and Preparedness and Prevention Plan have been submitted to the MassDEP in the Boston Office. Events requiring Contingency Plan implementation must be reported in writing within seven 7 days of the occurrence.

On-Scene Coordinator
Commonwealth of Massachusetts
Department of Environmental Protection
20 Riverside Drive
Lakeville, MA. 02347
(508) 946-2700

Off Hours spill reporting number 1-888-304-1133

The areas of responsibility for each of the above-named organizations are summarized in Table 4. Table 4 also includes the telephone numbers for the US Coast Guard, USEPA Region 1, and USEPA National Response Center. These agencies would be contacted to fulfill federal notification requirements and for providing federal assistance for incidents which are reportable under Section 311 of the Clean Water Act.

Table 4

<table>
<thead>
<tr>
<th>Emergency Response Authorities</th>
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<tbody>
<tr>
<td>Name of Authority</td>
</tr>
<tr>
<td>FIRE:</td>
</tr>
<tr>
<td>Braintree Fire Department</td>
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<tr>
<td>AMBULANCE:</td>
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<tr>
<td>Braintree Police Department</td>
</tr>
<tr>
<td>POLICE:</td>
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<tr>
<td>Braintree Police Department</td>
</tr>
<tr>
<td>MA State Police - Norwell</td>
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<tr>
<td>MEDICAL:</td>
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<tr>
<td>South Shore Hospital</td>
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<td>Weymouth, MA</td>
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<td>Quincy City Hospital</td>
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<td>Quincy, MA</td>
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<tr>
<td>SPILL CLEANUP:</td>
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<tr>
<td>Clean Harbors Env. Serv. Inc.</td>
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</table>

GOVERNMENT AGENCIES:

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CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Braintree Board of Health Consultation (781) 794-8090
Massachusetts Department of Environmental Protection Consultation, SERC notification (508) 946-2700 (main number)
Southeast Regional office Off Hours reporting number 1-888-304-1133
Lakeville MA
Local Emergency Response Planning Commission SARA Notification (781) 843-3602
US National Response Center Release Notification (800) 424-8802
USA EPA Region 1 All Emergencies (800) 424-8802
US Coast Guard, First District Spill evaluation and Federal Response (800) 424-8802

8.0 EVACUATION PLAN

8.1 Evacuation Decision
The Emergency Coordinator is the sole CHBI representative having authority to direct personnel to evacuate the Facility. Note that the use of the emergency alarm requires employees to immediately exit their work place and assemble at the Primary Evacuation Assembly Area at the Guard House, or at the Secondary Evacuation Assembly Area at the east end of the Office Parking Lot. Primary Evacuation and Assembly Drawings can be found in Appendix 1, Satellite Accumulation Areas, Emergency Equipment and Primary Evacuation Assembly Maps for Buildings.

8.2 Evacuation Signal
The Emergency Coordinator will give evacuation instructions to CHBI employees assembled at the emergency assembly sites located at the eastern end of the Office Parking Lot and at the Guard House. The time and route of evacuation will be specified. Verbal command will be issued to notify Facility personnel of the decision to evacuate. Prior to evacuation, area Foremen must account for all personnel from their respective areas.

8.3 Evacuation Routes
Primary evacuation routes from each of the buildings are shown in Appendix 1, Primary Evacuation Assembly Maps for Buildings on the Site. In general, the closest unblocked exit is the primary exit route; other doors or windows are alternate exits. In each building, all exits are clearly identified with illuminated markings that comply with OSHA requirements. In the Dike Area, the ladders over the dike wall are primary exits. The truck exit is the alternate exit. These exits are clearly marked with signs that can be observed from all points within the Dike Area. After exiting the work place,

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CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN  
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

personnel will assemble at the emergency assembly sites (Office Parking Lot or Guard House) to await further instruction from the Emergency Coordinator.

The primary evacuation route from the facility is north and west to Quincy Avenue via Hill Avenue. An alternate evacuation route is south and west to Quincy Avenue crossing the CITGO terminal property.

9.0 INCIDENT NOTIFICATION AND REQUIRED REPORTS

9.1 General Notification Requirements
The reporting requirements for spills or other emergency incidents occurring at the Facility are governed by five separate regulatory programs:

- Massachusetts Contingency Plan, 310 CMR 40.900;
- CERCLA National Contingency Plan, 40 CFR 300;
- SARA Emergency Planning and Notification, 40 CFR 355; and
- USEPA “Requirements for PCB Spill Cleanup” found at 40 CFR 761.125.

A brief discussion of each regulatory program as it relates to incident reporting at CHBI is provided in Section 9.1.1 through 9.1.3. The general content requirements of such notifications are outlined in Section 9.3 through 9.4.

9.1.1 Notification Requirements under 310 CMR 30.524
Whenever this Contingency Plan is implemented in response to a potential for or an actual emergency, including a fire, explosion, or release which could threaten public health, safety, welfare, or the environment, the Emergency Coordinator shall, in accordance with 310 CMR 30.524(6), verbally report the incident to the MassDEP; the Braintree Fire Department; and the Braintree Board of Health at the following telephone numbers:

- MassDEP, Southeast Region  
  Office of Incident Response  
  20 Riverside Drive  
  Lakeville, MA. 02347  
  (508) 946-2700 (Business Hours only)  
  1-888-304-1133 (Nights, Weekends, Holidays)

- Braintree Fire Department  
  911 or (781) 843-3600

- Braintree Health Department  
  (781) 794-8095

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CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

The Emergency Coordinator shall verbally contact other state or local agencies with designated response roles if their help is needed.

9.1.2 Notification Requirements Under the Massachusetts Contingency Plan (MCP) and the
National Contingency Plan (NCP)
In accordance with the terms of the Massachusetts Contingency Plan (MCP), CHBI will notify MassDEP and undertake appropriate response actions in response to any reportable release or threat of release of oil and hazardous materials to the environment.

A release shall be considered "reportable" if the amount of the release exceeds the Reportable Quantity (RQ) for that material as listed in the Massachusetts Oil and Hazardous Material List, codified at 310 CMR 40.000. A reportable release will be reported to the MassDEP’s Southeast Regional Office, the Braintree Fire Department, and the Braintree Board of Health as soon as possible, but not more than (2) hours after obtaining knowledge of a release or threat of a release. The telephone numbers for those agencies are included in Section 9.1.1., above.

The MCP List incorporates all of the constituents in the CERCLA hazardous substances list [see 40 CFR Part 302, Table 302.4]. So as to avoid any confusion between the lists, and for the sake of consistency, CHBI will assume that any release which is reportable under the MCP is also reportable under the CERCLA NCP. Therefore, for all spills which are reportable under the MCP, CHBI will also notify the USEPA National Response Center at the following telephone number:

USEPA National Response Center
(800) 424-8802

9.1.3 Notification Requirements under SARA §304
Notification under SARA §304 is required when: 1) a CERCLA "hazardous substance" [listed in 40 CFR Part 302, Table 302.4] or a SARA "extremely hazardous substance" [listed in 40 CFR Part 355, Appendix A] is released in an amount in excess of the RQ; AND 2) when said release threatens the environment or public beyond the boundaries of the site.

The list of hazardous substances and reportable quantities referenced above, (see 40 CFR Part 302, Table 302.4) incorporates all of the constituents in the SARA extremely hazardous substances list. So as to avoid any confusion between the lists, and for the sake of consistency, CHBI will assume that any release which is reportable under the MCP is reportable under SARA if the release threatens the environment or public beyond the boundaries of the site. In such cases, a verbal notification will be made to the State Emergency Response Commission (SERC) and the Local Emergency Response Planning Commission (LERPC) at the following telephone numbers:

- State Emergency Response Commission (SERC)
  MassDEP/Southeast Region
  Office of Incident Response
  (508) 946-2700 Business Hours
  (888) 304-1133 Non-Business Hours

- Local Emergency Response Planning Commission (LERPC)
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

(Braintree Fire Department)
(781) 843-3600

9.2 Agency Approval to Resume Operations per 310 CMR 30.524(6)(e)4 Per the requirements of 310 CMR 30.524, operations shall not be resumed at the Facility until the owner or operator notifies MassDEP and appropriate local authorities that the Facility is in compliance with 310 CMR 30.524(6)(e)3 and the MassDEP determines in writing that there is no longer a threat to public health, safety, or welfare, or the environment.

9.3 Procedures For and Content of Initial Verbal Notifications
In the event of an emergency, the Emergency Coordinator (or designee) will gather the required information and notify the emergency response authorities described in Section 9.1.1 above. Records of all reportable incidents will be maintained in the Facility's operating record.

In general, when notifying external emergency response authorities, the caller shall provide the following information to the extent known at the time of the report:

- The name and telephone number of the individual reporting;
- The name and address of the facility;
- The time, type (e.g., release, fire), and duration of incident/release;
- The chemical name(s) and quantity of material(s) involved;
- The extent of injuries, if any;
- The possible hazards to public health, safety, or welfare, or the environment outside the facility.

In addition, if the release is being reported in accordance with SARA [see Section 9.1.3]; the following information is to also be provided to the extent known at the time of the report:

- Any known or anticipated acute or chronic health risks associated with the emergency, and, where appropriate, advice regarding medical attention necessary for exposed individuals;
- Proper precautions to take as a result of the release, including evacuation; and
- The name and telephone number of the person or persons to be contacted for further information.

9.4 Written Follow-up Reports
Within seven (7) days of any incident requiring implementation of the Contingency Plan, CHBI shall submit to MassDEP a written follow-up report that will include:

- The name, address, and telephone number of the owner or operator;
- The name, address, and telephone number of the facility;
- The date, time, and type of incident (e.g., fire, explosion);
- The name and quantity of material(s) involved;
- The extent of injuries, if any;
- An assessment of actual or potential hazards to public health, safety, welfare, or the environment, as applicable;

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CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

- The estimated quantity and the disposition of recovered material that resulted from the incident;
- All differences between the emergency response activities actually taken and those prescribed in the Contingency Plan and the reasons for each such difference; and
- Proposed measures to prevent similar incidents in the future.

For release incidents reported under SARA, CHBI shall, as soon as practical after the release, but no more than seven (7) days later, submit a written follow-up report to the LERPC and SERC. The report shall include items listed above, and the following:

- A description of the actions taken to respond to and contain the release.
- Any known or anticipated acute or chronic health risks associated with the release;
- Where appropriate, advice regarding medical attention necessary for exposed individuals.

10.0 SPILL PREVENTION, CONTROL AND COUNTERMEASURES (SPCC) PLAN

The purpose of the SPCC Plan is to describe the physical structure and operational activities of the Facility and to outline procedures and methods, equipment and other requirements designed to prevent the discharge of hazardous substances (oil, wastes, recovered solvents, fuels and process chemicals) into or upon nearby streams or lands. A copy of the SPCC plan is kept on site and may be viewed by a MassDEP inspector upon request.

The Facility's SPCC Plan includes temporary storage of PCBs and spill containment. CHBI has prepared detailed procedures in the event of an offsite spill involving transporters of CHBI hazardous wastes.

11.0 AMENDMENTS TO THE CONTINGENCY PLAN

The Compliance Manager will be responsible for updating all copies of the Contingency Plan. The Contingency Plan will be revised whenever:

- The Facility license is revised;
- The plan fails in an emergency;
- The list of Emergency Coordinators changes;
- The list of emergency equipment changes;
- There is any change in the operation or maintenance of the Facility; or
- There occurs any other circumstance which indicates the need for a change in the contingency plan.

A copy of this Contingency Plan and all amendments will be maintained on site in the Facility's files and provided, by certified mail, to the Chief Executive Officer of Braintree, Braintree Police Department, Board of Health, Board of Selectmen, and Fire Department; local hospitals; state and local emergency response teams; and state regulatory agencies that may be called upon to provide emergency services. In addition, each Emergency Coordinator will have his/her own copy of the Contingency Plan.
APPENDIX 1


Amended 07/18/2016

Amended 08/09/2022

List and Title of Maps

Guard Shack Evacuation Map
Tank Farm Evacuation Map
Break Room Evacuation Map
Building #1 (Office Area) Evacuation Map
Building #2 Evacuation Map
Building #2 (Former Plant Laboratory) Evacuation Map
Building #2 (Analytical Laboratory 1st Floor) Evacuation Map
Building #2 (Office Area 2nd Floor) Evacuation Map
Building #4 Evacuation Map
Building #5 Evacuation Map
Building #6 Evacuation Map
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - 2B- Building 6 Fire Alarm (Loading Dock Only)
   - Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb. Charge)
   - 3D- Fire Extinguisher, Class "D" Metals
   - 3A- Mobile Fire Extinguisher (100 lb. Dry Charge on Wheels)
   - 3B- Foam Monitor Guns (Tank Farm Only)
   - 3C- Building 6 Dry chemical System
4. First Aid Kits
5. Eye Wash Stations (Portable)
   - 5a- Eye Wash Stations/Safety shower (Stationary)
6. Fire Blanket
7. Spill Absorbents (Sodium Dry and/or absorbent Pads)
8. Emergency Response Locker

EMERGENCY PHONE NUMBERS

- Braintree Fire Department ................................................. 911
- Braintree Police Department ........................................... 911
- MA DEP - Reportable Release
  - On Call: Days ......................................................... 508-946-2700
  - Nights/Weekends/Holidays ...................................... 1-888-304-1133
- Clean Harbors Weymouth ............................................ 1-800-483-3718
- South Shore Hospital .................................................. 781-624-8266

Emergency Coordinator/Alternatives

<table>
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<tr>
<th>Home Phone</th>
<th>24hr Emergency</th>
<th>Work Phone</th>
<th>Number</th>
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<td>Richard Williams (Operations Manager) ........... (No home phone)</td>
<td>781-913-0722</td>
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<td></td>
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<tr>
<td>Stephen Ganley (General Manager) ............... (781) 331-9550</td>
<td>617-962-4777</td>
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<tr>
<td>Wayne Alfone (Maintenance Manager) ............. 508-746-2006</td>
<td>781-953-4431</td>
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</table>

Clean Harbors, Braintree.

Clean Harbors Fax: 781-380-7141

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Revised by: D. Smith
Revised: 08/09/2022
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   2B- Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   3D- Fire Extinguisher, Class “D” Metals
   3A- Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
4. First Aid Kits
5. Eye Wash Stations (Portable)
6. Eye Wash Stations/safety shower (Stationary)
7. Fire Blanket
8. Spill Absorbs (Speedi Dry and / or absorbent Pads)
9. Emergency Response Locker

EMERGENCY PHONE NUMBERS

Braintree Fire Department ................................................. 911
Braintree Police Department ........................................... 911
MA DEP - Reportable Release
On Call: Days ............................................................ 508-946-2700
Nights/Weekends/Holidays ........................................ 1-888-904-1133
Clean Harbors Weymouth ............................................. 1-800-483-3718
South Shore Hospital .................................................... 781-624-8288

Emergency Coordinator/Alternatives
Richard Williams (Operations Manager) ................................ (781) 913-0722
Stephen Ganley (General Manager) ..................................... (781) 331-9550
Wayne Athone (Maintenance Manager) ............................... 508-746-5008

Clean Harbors of Braintree, Inc.

Home Phone Work Phone 24hr Emergency
(781) 380-7135 (617) 962-4777
(617) 962-4777

Clean Harbors, Braintree

Revised by: D. Smith
Revised: 06/09/2022
THIS AREA MEETS AT: SECONDARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1- Telephone
2- Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   2B- Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3- Fire Extinguisher (Hand Held 20 or 5 B-Charge)
   3D- Fire Extinguisher, Class "D" Metals
   3A- Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
   3B- Foam Monitor Guns (Tank Farm Only)
4- First Aid Kits
5- Eye Wash Stations (Portable)
   Eye Wash Stations/Stationary
6- Fire Blanket
7- Spill Absorbs (Speedi Dry and/or absorbent Pads)
8- Emergency Response Locker

EMERGENCY PHONE NUMBERS

Braintree Fire Department........................................911
Braintree Police Department...................................911
MA DEP - Reportable Release
On Call: Days........................................................508-946-2700
Nights: Weekends: Holidays.................................1-888-304-1133
Clean Harbors Weymouth.................................1-800-483-3718
South Shore Hospital..............................781-624-8300

Emergency Coordinator/Alternatives Home Phone 24hr Emergency

Clean Harbors of Braintree, Inc  Work Phone  Number
Richard Williams (Operations Manager) ... (No home phone)  (781) 913-0722
Stephen Gianley (General Manager) .... (781) 331-9550  (617) 962-4777
Wayne Allone (Maintenance Manager).... 508-746-3908  781-953-4431

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area.  SAT: Satellite Accumulation Area

Clean Harbors, Braintree.  Revised by: D. Smith
Revised: 06/09/2022
FORMER PLANT LABORATORY

THIS AREA MEETS AT: SECONDARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
3B. Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
3D. Fire Extinguisher, Class "D" Metals
3A. Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
3B. Foam Monitor Guns (Tank Farm Only)
3C. Building 6 Dry chemical System
4. First Aid Kits
5E. Eye Wash Stations (Portable)
5S. Eye Wash Stations/safety shower (Stationary)
6. Fire Blanket
7. Spill Absorbents (Speedy Dry and / or absorbent Pads)
8. Emergency Response Locker

EMERGENCY PHONE NUMBERS
Braintree Fire Department.................................911
Braintree Police Department...............................911
MA DEP - Reportable Release On Call: Days.................................508-946-2700
Nights/Weekends/Holidays............................1-888-304-1133
Clean Harbors Weymouth..........................1-800-483-3718
South Shore Hospital..........................781-624-8288

Emergency Coordinator/Alternatives
Richard Williams (Operations Manager) (No home phone) (781) 913-0722
Steven Haney (General Manager) (781) 331-9550
Wayne Alfone (Maintenance Manager) 508-746-3008

Clean Harbors of Braintree, Inc. Home Phone Work Phone Number

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Revised by: D. Smith
Revised: 08/09/2022
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - Fire Extinguisher, Class "D" Metals
   - Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
   - Foam Monitor Guns (Tank Farm Only)
4. Building 6 Dry chemical System
5. First Aid Kit
6. Eye Wash Stations (Portable)
7. Eye Wash Stations/safety shower (Stationary)
8. Fire Blanket
9. Spill Absorents (Speedy Dry and / or absorbent Pads)
10. Emergency Response Locker

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

EMERGENCY PHONE NUMBERS

- Braintree Fire Department
- Braintree Police Department
- MA DEP - Reportable Release
- On Call: Days
- Nights/Weekends/Holidays
- Clean Harbors Weymouth
- South Shore Hospital

Clean Harbors of Braintree, Inc.

Richard Williams (Operations Manager) (817) 380-7155
Stephen Ganley (General Manager) (781) 331-9550
Wayne Allone (Maintenance Manager) (617) 962-4777
508-746-3698
781-953-4431

Clean Harbors, Braintree

Revised by: D. Smith
Revised: 06/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
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5. Eye Wash Stations (Portable)
6. Fire Blanket
7. Spill Absorbs (Speedi Dry and / or absorbent Pads)
8. Emergency Response Locker

EMERGENCY PHONE NUMBERS
- Braintree Fire Department: 911
- Braintree Police Department: 911
- MA DEP: Reportable Release: 508-946-2700
- On Call: Days: 1-888-304-1133
- Nights/Weekends/Holidays: 1-888-304-1133
- Clean Harbors Weymouth: 1-800-483-3718
- South Shore Hospital: 781-624-8288
- South Shore Hospital: 781-624-8288

Emergency Coordinator/Alternatives

<table>
<thead>
<tr>
<th>Name</th>
<th>Phone Numbers</th>
<th>Home Phone</th>
<th>24hr Emergency Phone</th>
<th>Work Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams</td>
<td>(781) 913-0722</td>
<td>(781) 380-7135</td>
<td>(617) 962-4777</td>
<td></td>
</tr>
<tr>
<td>Stephen Ganley</td>
<td>(781) 331-9550</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
<td></td>
</tr>
<tr>
<td>Wayne Affone</td>
<td>508-746-3008</td>
<td>781-935-4431</td>
<td>781-935-4431</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area
SAT: Satellite Accumulation Area

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022
This area meets at: PRIMARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - 2B: Building 6 Fire Alarm (Loading Dock Only)
   - Activation DOES NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - 3A: Fire Extinguisher Class "A" Metals
   - 3B: Foam Monitor Guns (Tank Farm Only)
   - 3C: Building 6 Dry chemical System
4. First Aid Kits
5. 5p: Eye Wash Stations (Portable)
6. 5s: Eye Wash Stations/safety shower (Stationary)
7. Fire Blanket
8. Spill Absorbsents (Speedi Dry and/or absorbent Pads)
9. Emergency Response Locker

EMERGENCY PHONE NUMBERS
- Braintree Fire Department.................................911
- Braintree Police Department..............................911
- MA DEP - Reportable Release
  - On Call: Days.............................................988-946-2700
  - Nights/Weekends/Holidays..............................988-946-1133
- Clean Harbors Weymouth.................................1-800-483-3718
- South Shore Hospital....................................781-624-8268
- Emergency Coordinator/Alternatives
  - Home Phone............................................781-931-7135
  - 24hr Emergency
    - Clean Harbors of Braintree, Inc. ............................781-931-7135
    - Work Phone
    - Number
    - Richard Williams (Operations Manager) ..........781-931-7135
      (No home phone)........................................781-931-7135
    - Stephen Gauley (General Manager).............(781) 931-9550
      (No home phone)........................................781-931-9550
    - Wayne Allone (Maintenance Manager)........508-746-3908
      781-931-7141

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Evacuation Routes

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   - 3C Building 6 Dry chemical System
   - 3D Fire Extinguisher, Class "D" Metals
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6. Eye Wash Stations/safety shower (Stationary)
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EMERGENCY PHONE NUMBERS

| Braintree Fire Department | ........................................911 |
| Braintree Police Department | ........................................911 |
| MA DEP - Reportable Release | ........................................911 |
| On Call: Days: .................................508-946-2700 |
| Nights/Weekends/Holidays: ........1-888-304-1153 |
| Clean Harbors Weymouth............1-800-483-3718 |
| South Shore Hospital..............781-624-8288 |

Emergency Coordinator/Alternatives Home Phone 24hr Emergency

<table>
<thead>
<tr>
<th>Clean Harbors of Braintree, Inc</th>
<th>Work Phone</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams (Operations Manager) ...No home phone</td>
<td>(781) 913-0722</td>
<td></td>
</tr>
<tr>
<td>Stephen Gianley (General Manager) ......</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
</tr>
<tr>
<td>Wayne Alfone (Maintenance Manager) ....</td>
<td>508-746-3008</td>
<td>781-953-4431</td>
</tr>
<tr>
<td>Wayne Alfone (Maintenance Manager) ....</td>
<td>781-380-7144</td>
<td>781-953-4431</td>
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</tbody>
</table>

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area |
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Clean Harbors, Braintree. |

Revised by: D. Smith |
Revised: 08/09/2022
**Evacuation Routes**

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- Clean Harbors Weymouth................................. 1-800-483-3718
- South Shore Hospital............................................. 781-624-8288

**Clean Harbors of Braintree, Inc.**

- Richard Williams (Operations Manager) (No home phone) (781) 973-0722
- Stephen Ganley (General Manager) ........ (781) 331-9550
- Wayne Alvone (Maintenance Manager) ....... 508-746-3000

**Accident Coordination/Alternatives**

- Home Phone: 24hr Emergency

**NOTE:** Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC - Hazardous Material Accumulation Area

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Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
THIS AREA MEETS AT: PRIMARY EVACUATION ASSEMBLY AREA.

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<tr>
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<th>Work Phone</th>
<th>Phone</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams (Operations Mgr)</td>
<td>(781) 913-0722</td>
<td>(781) 380-7135</td>
<td></td>
</tr>
<tr>
<td>Stephen Ganley (General Mgr)</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
<td></td>
</tr>
<tr>
<td>Wayne Affone (Maintenance Mgr)</td>
<td>(508) 746-3008</td>
<td>781-953-4431</td>
<td></td>
</tr>
</tbody>
</table>

Clean Harbors, Braintree.


Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
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Revised by: D. Smith
Revised: 08/09/2022
APPENDIX 2

Facility Site Plan and Waste Descriptions and Locations
Figure F-1

Drawing No. 6146

Existing Site Plan
Exhibit 1

Buildings 4, 5, and 6 Drum Storage Compatibility
### Exhibit 1

**BUILDINGS 4, 5, AND 6 DRUM STORAGE COMPATIBILITY**

<table>
<thead>
<tr>
<th>Stacking Heights</th>
<th>Building 4 Notes</th>
<th>Building 6 Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>rows 6-13 &amp; 17-32</td>
<td>DOT Class</td>
<td>DOT Class</td>
</tr>
<tr>
<td>may be double stacked</td>
<td>Flammable Liquids 3</td>
<td>Non Acidic Universal Waste 6.1, 8, 9, NA</td>
</tr>
<tr>
<td>unless pallet contains flammables, then they are single level only</td>
<td>Flammable Solids 4.1</td>
<td>Inert Solids &amp; Liquids 9, NA</td>
</tr>
<tr>
<td></td>
<td>Flammable/Alkaline 3, 8</td>
<td>Inert Liquids 9, NA</td>
</tr>
<tr>
<td></td>
<td>Combustible 9, NA</td>
<td>Alkaline Liquids 6, 9, NA</td>
</tr>
<tr>
<td></td>
<td>Aerosols (flamm gas) 2.1</td>
<td>Alkaline Solids 8, 9, NA</td>
</tr>
<tr>
<td></td>
<td>Organics 9, NA</td>
<td>PCB Liquids 9</td>
</tr>
<tr>
<td></td>
<td>Inert liquids and solids 9, NA</td>
<td>PCB Solids 9</td>
</tr>
<tr>
<td>rows 14-16</td>
<td>DOT Class</td>
<td>Alkaline Liquids 8, 9, NA</td>
</tr>
<tr>
<td>single level only</td>
<td>Flammable/PCB 3</td>
<td>Alkaline Solids 8, 9, NA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inert Solids 9, NA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inert Liquids 9, NA</td>
</tr>
<tr>
<td>rows 33-38</td>
<td>DOT Class</td>
<td>Alkaline Liquids 8, 9, NA</td>
</tr>
<tr>
<td>may be double stacked</td>
<td>Flammable/Acidic 3, 8</td>
<td>Alkaline Solids 8, 9, NA</td>
</tr>
<tr>
<td>unless pallet contains flammables, then they are single level only</td>
<td>Acid Liquids 8</td>
<td>Inert Solids 9, NA</td>
</tr>
<tr>
<td></td>
<td>Acid Solids 8</td>
<td>Inert Liquids 9, NA</td>
</tr>
<tr>
<td></td>
<td>Inert Liquids 9, NA</td>
<td></td>
</tr>
<tr>
<td>rows 39-41</td>
<td>DOT Class</td>
<td></td>
</tr>
<tr>
<td>may be double stacked</td>
<td>Acid Liquids 8</td>
<td>PCB Liquids 9</td>
</tr>
<tr>
<td>with a restriction of 54 x 55 gallon equivalent</td>
<td>Acid Solids 8</td>
<td>PCB Solids 9</td>
</tr>
<tr>
<td></td>
<td>Inert Liquids 9, NA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Inert Liquids 9, NA</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Acidic Universal Waste 8, 9, NA</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- DOT class based on primary hazard
- Acidic means pH < 2
- Alkaline means pH > 12.5
- The waste listing examples are not intended to be an all inclusive listing

---

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Page 232
<table>
<thead>
<tr>
<th>Waste Listing</th>
<th>Specific Example</th>
<th>Waste Listing</th>
<th>Specific Example</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammable Liquids</td>
<td>waste acetone</td>
<td>Acid Liquids</td>
<td>hydrochloric acid</td>
</tr>
<tr>
<td></td>
<td>nonhalogenated solvents</td>
<td>nitric acid</td>
<td>hydrofluoric acid</td>
</tr>
<tr>
<td></td>
<td>waste gasoline</td>
<td>Acid solids</td>
<td>sulfonic acids</td>
</tr>
<tr>
<td></td>
<td>Waste methanol</td>
<td>Acidic Universal</td>
<td>batteries cont. acid</td>
</tr>
<tr>
<td></td>
<td>Waste paint</td>
<td>Pathological</td>
<td>infectious debris</td>
</tr>
<tr>
<td>Flammable Solids</td>
<td>solvent cont. debris</td>
<td>Poison</td>
<td>medicines</td>
</tr>
<tr>
<td></td>
<td>solvent cont. raps</td>
<td>Flammable/Alkaline</td>
<td>non acidic universal</td>
</tr>
<tr>
<td></td>
<td></td>
<td>containing caustic with</td>
<td>lamps</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alkaline Liquids</td>
<td>sodium hydroxide</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Organic</td>
<td>petroleum oil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contaminated</td>
<td>waste paint</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Combustible</td>
<td>#2 oil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Aerosols/flammable</td>
<td>any aerosol with</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Organics</td>
<td>flammable carrier gas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inert liquids/ solids</td>
<td>non flammable solvents</td>
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<td></td>
<td></td>
<td></td>
<td>oil cont. soils</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>cooking oil</td>
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<td></td>
<td></td>
<td>non PCB oil</td>
</tr>
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<td></td>
<td></td>
<td></td>
<td>solidified resin</td>
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<td></td>
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<td>resin beads</td>
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<td>off spec product</td>
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<td>Toxics</td>
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<td></td>
<td>RCRA metals</td>
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<td></td>
<td></td>
<td>pesticides</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>cyanides</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Flammable/ PCB</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>any flammable material</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>containing PCB’s</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Flammable/ Acidic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>any flammable material</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>containing acid with</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pH &lt;2</td>
</tr>
</tbody>
</table>
Exhibit 2

Tank Content Properties
<table>
<thead>
<tr>
<th>Tank #</th>
<th>Technology</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1 &amp; A2</td>
<td>FB1</td>
<td>&lt; 4 inches of dispersible sludge</td>
</tr>
<tr>
<td></td>
<td>Fuels blending</td>
<td>&lt; 5 % halogens</td>
</tr>
<tr>
<td></td>
<td></td>
<td>May contain Non-TSCA PCBs (&lt;50 ppm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BTUs &gt; 10,000 /lb.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Must be pumpable</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Must be compatible with water and organic solvents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No pesticides</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Viscosity 1-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>boiling point &gt; 130 °F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total Organic Carbon (TOC) &gt; 10 %</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flash point varies from stream to stream may be &lt; or &gt;140 °F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Specific Gravity (SG) 0.8 - 1.0</td>
</tr>
<tr>
<td>A3</td>
<td>FB2</td>
<td>&lt; 12 inches dispersible sludge</td>
</tr>
<tr>
<td></td>
<td>Fuels blending</td>
<td>&lt; 5 % halogens</td>
</tr>
<tr>
<td></td>
<td></td>
<td>May contain Non-TSCA PCBs (&lt;50 ppm)</td>
</tr>
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<td></td>
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<td></td>
<td></td>
<td>Must be compatible with water and organic solvents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>No pesticides</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Viscosity 1-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>boiling point &gt; 130 °F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOC &gt; 10 %</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flash point varies from stream to stream</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SG &gt; 1.0 to &lt; 1.5</td>
</tr>
<tr>
<td>A4</td>
<td>A22</td>
<td>Must be pumpable</td>
</tr>
<tr>
<td></td>
<td>Incineration</td>
<td>BTUs &lt; 5,000 /lb.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt; 5 % organic halogens</td>
</tr>
<tr>
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<td></td>
<td>May contain Non-TSCA PCBs (&lt;50 ppm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt; 1 &quot; solids</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pH &gt; 2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Must be compatible with water and organic solvents</td>
</tr>
<tr>
<td></td>
<td></td>
<td>no nitric or chromic acid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Viscosity 1-100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>boiling point &gt; 130 °F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flash point varies from stream to stream may be &lt; or &gt;140 °F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TOC 1-9 %</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SG &lt; 1.0</td>
</tr>
<tr>
<td>A5</td>
<td>B35</td>
<td>non-RCRA coolant</td>
</tr>
<tr>
<td></td>
<td>Recycle</td>
<td>BTUs &lt; 10,000 /lb.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>pH 3 - 11</td>
</tr>
<tr>
<td>A6</td>
<td>A23/ A24</td>
<td>Fuel/ CES</td>
</tr>
<tr>
<td>---------------</td>
<td>----------</td>
<td>-----------</td>
</tr>
<tr>
<td>A7</td>
<td>A31/ A32</td>
<td>Recycling</td>
</tr>
<tr>
<td>A8</td>
<td>A40</td>
<td>Fuels Blending</td>
</tr>
<tr>
<td>A9</td>
<td>B40</td>
<td>Incineration</td>
</tr>
</tbody>
</table>
Must be compatible with water and organic solvents
< 1 % solids
May contain Non-TSCA PCBs (≤50 ppm)
Viscosity 1-100
boiling point > 130 °F
< 5 % sulfur
SG ~ 1.2
iodine, bromine, fluorine < 0.5 %
<table>
<thead>
<tr>
<th>Tank #</th>
<th>Technology</th>
<th>CHESI Process code</th>
<th>Specifications</th>
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<tbody>
<tr>
<td>B1</td>
<td>B22A</td>
<td>WWT</td>
<td>pH &lt; 4&lt;br&gt; &lt; 1% solids&lt;br&gt; &lt; 1% ammonia&lt;br&gt; &lt; 1% total metals&lt;br&gt; no chelators&lt;br&gt; &lt; 1% oil 7 grease&lt;br&gt; Viscosity 1-100&lt;br&gt; TOC &lt; 1 %&lt;br&gt; boiling point &gt; 130 ° F&lt;br&gt; Flash point &gt; 200 ° F&lt;br&gt; SG 1.0 - 1.2&lt;br&gt; BTU &lt; 2000 / lb.&lt;br&gt; no cyanides/ sulfides</td>
</tr>
<tr>
<td>B2</td>
<td>B26A</td>
<td>WWT</td>
<td>pH 1-6&lt;br&gt; no cyanides/ sulfides&lt;br&gt; &lt; 10 PPM Cr+6&lt;br&gt; &lt; 1% solids&lt;br&gt; &lt; 1% ammonia&lt;br&gt; neutralization equivalent &lt; 5&lt;br&gt; Flash point &gt; 140 ° F&lt;br&gt; Viscosity 1-100&lt;br&gt; TOC &lt; 1 %&lt;br&gt; boiling point &gt; 130 ° F&lt;br&gt; Flash point &gt; 200 ° F&lt;br&gt; SG 1.0&lt;br&gt; BTU &lt; 2000 / lb.&lt;br&gt; &lt; 500 ppm total metals</td>
</tr>
<tr>
<td>B3</td>
<td>B36A</td>
<td>WWT</td>
<td>pH &lt; 7&lt;br&gt; &lt; 1% TOC&lt;br&gt; &lt; 1% oil &amp; grease&lt;br&gt; &lt; 1 ppm cyanide/ sulfide&lt;br&gt; &lt; 10 PPM Cr+6&lt;br&gt; &lt; 1% ammonia&lt;br&gt; neutralization &gt; 5 but &lt; 50.&lt;br&gt; Viscosity 1-100&lt;br&gt; boiling point &gt; 130 ° F&lt;br&gt; Flash point &gt; 200 ° F&lt;br&gt; SG 1.0 - 1.2&lt;br&gt; BTU &lt; 2000 / lb.&lt;br&gt; &lt; 5% total metals</td>
</tr>
<tr>
<td>B4</td>
<td>B22B</td>
<td>WWT</td>
<td>pH ≥ 7&lt;br&gt; &lt; 1% solids&lt;br&gt; &lt; 1% ammonia</td>
</tr>
<tr>
<td>Location</td>
<td>TOC &lt; 1%</td>
<td>pH 7-14</td>
<td>no cyanides/sulfides</td>
</tr>
<tr>
<td>----------</td>
<td>----------</td>
<td>---------</td>
<td>----------------------</td>
</tr>
<tr>
<td>B6 &amp; B8</td>
<td>B26B WWT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B7</td>
<td>DuPont B26B WWT</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>B8 &amp; B9</td>
<td>B34 WWT</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

APPENDIX 3

Quick Reference Guide
Contingency Plan Quick Reference Guide
Clean Harbors of Braintree, Inc.
1 Hill Avenue
Braintree, MA 02184

Facility Contacts:

Primary Emergency Coordinator: Richard Williams Mobile Number (24/7): (781) 913-0722
Secondary Emergency Coordinator: Wayne Allone Mobile Number (24/7): (781) 953-4431
Tertiary Emergency Coordinator: Stephen Ganley Mobile Number (24/7): (617) 962-4777
Clean Harbors 24-Hr Emergency Response Center: (800) 645-8265

Note: The order of contact during an emergency is listed above.
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
3. Fire Extinguisher (Hand Held 20 or 5 lb. Charge)
4. Mobile Fire Extinguisher (100 lb. Dry Charge on Wheels)
5. Foam Monitor Guns (Tank Farm Only)
6. Building 6 Fire Alarm (Loading Dock Only)
7. Fire Extinguisher, Class "D" Metals
8. Fire Extinguisher, Class "A" Metals

EMERGENCY PHONE NUMBERS

- Braintree Fire Department.................................911
- Braintree Police Department...............................911
- MA DEP - Reportable Release
- On Call: Days................................................958-946-2700
- Nights/Weekends/Holidays..............................1-888-304-1133
- Clean Harbors Weymouth.................................1-800-483-3718
- South Shore Hospital..................................781-624-8288

24 hr. Emergency

<table>
<thead>
<tr>
<th>Clean Harbors of Braintree, Inc.</th>
<th>Work Phone</th>
<th>24 hr. Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams (Operations Manager)</td>
<td>(781) 380-7135</td>
<td>(781) 913-0722</td>
</tr>
<tr>
<td>Stephen Glassley (General Manager)</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
</tr>
<tr>
<td>Wayne Alfano (Maintenance Manager)</td>
<td>(508) 746-2008</td>
<td>781-953-4431</td>
</tr>
</tbody>
</table>

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023  Page 243
Evacuation Routes

1- Telephone
2- Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   2B- Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3- Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   3D- Fire Extinguisher, Class "D" Metals
   3A- Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
3B- Foam Monitor Guns (Tank Farm Only)
4- Building 6 Dry chemical System
   First Aid Kits
5p- Eye Wash Stations (Portable)
5s- Eye Wash Stations / safety shower (Stationary)
6- Fire Blanket
7- Spill Absorbs (Speedi Dry and / or absorbent Pads)
8- Emergency Response Locker

EMERGENCY PHONE NUMBERS
Braintree Fire Department.................................911
Braintree Police Department...............................911
MA DEP - Reportable Release
On Call: Days...........................................508-946-2700
Nights/Weekends/Holidays...............................1-888-304-1133
Clean Harbors Weymouth.................................1-800-483-3718
South Shore Hospital.................................781-624-8288
Emergency Coordinator/Alternatives
Richard Williams (Operations Manager) .......No home phone 781-913-0722
Stephen Ganley (General Manager) ...........781-331-9550 617-962-4777
Wayne Affone (Maintenance Manager) ......508-746-3008 781-953-4431
Clean Harbors of Braintree, Inc.
Home Phone Work Phone
(781) 380-7135 (781) 331-9550

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area.  SAT: Satellite Accumulation Area

Clean Harbors, Braintree

Revised by: D. Smith
Revised: 06/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
THIS AREA MEETS AT: SECONDARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   2B- Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 B-Charge)
   3D- Fire Extinguisher, Class "D" Metals
   3A- Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
   3B- Foam Monitor Guns (Tank Farm Only)
4. First Aid Kits
5. Eye Wash Stations/Portable
6. Eye Wash Stations/Stationary
7. Fire Blanket
8. Spill Absorbents (Speedi Dry and/or absorbent Pads)
9. Emergency Response Locker

EMERGENCY PHONE NUMBERS

Braintree Fire Department ................................................. 911
Braintree Police Department .............................................. 911
MA DEP – Reportable Release
On Call: Days…………………………………………………... 508-946-2700
Nights/Weekends/Holidays…………………………………….. 1-888-304-1133
Clean Harbors Weymouth………………………………………. 1-800-483-3718
South Shore Hospital ……………………………………….. 781-642-8288

Clean Harbors of Braintree, Inc Work Phone Number
Richard Williams (Operations Manager) … (No home phone) (781) 913-0722
Stephen Ganley (General Manager) ……… (781) 331-9550 (617) 962-4777
Wayne Alfone (Maintenance Manager)…… 508-746-3008 781-953-4431

Clean Harbors of Braintree, Inc

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.
ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

Revised by: D. Smith
Revised: 08/09/2022
**Evacuation Routes**

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
4. First Aid Kits
5. Eye Wash Stations (Portable)
6. Fire Blanket
7. Spill Absorbents (Speedi Dry and/or absorbent Pads)
8. Emergency Response Locker

**EMERGENCY PHONE NUMBERS**
- Braintree Fire Department: 911
- Braintree Police Department: 911
- MA DEP - Reportable Release: 508-946-2700
- Nights/Weekends/Holidays: 1-888-304-1133
- Clean Harbors Weymouth: 1-800-483-3778
- South Shore Hospital: 781-624-8288

**Emergency Coordinator/Alternatives**
- Richard Williams (Operations Manager) - (781) 380-7135
- Stephen Ganley (General Manager) - (781) 331-9550
- Wayne Affone (Maintenance Manager) - 508-746-3008

**Clean Harbors of Braintree, Inc.**
- Home Phone: 781-913-0722
- Work Phone: 617-962-4777
- 24hr Emergency: 781-953-4431

**NOTE:** Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan for Listings.

ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022
THIS AREA MEETS AT: SECONDARY EVACUATION ASSEMBLY AREA.

→ Evacuation Routes

1- Telephone
2- Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
2B- Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3- Fire Extinguisher (Hand Held 20 or 5 lb Charge)
3D- Fire Extinguisher, Class "D" Metals
3A- Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
3B- Foam Monitor Guns (Tank Farm Only)
3C- Building 6 Dry chemical System
4- First Aid Kits
5p- Eye Wash Stations (Portable)
5s- Eye Wash Stations (Stationary)
6- Fire Blanket
7- Spill Absorbs (Speedy Dry and / or absorbent Pads)
8- Emergency Response Locker

EMERGENCY PHONE NUMBERS
Braintree Fire Department...........................................911
Braintree Police Department.................................911
MA DEP - Reportable Release
   On Call: Days..................................................508-946-2700
   Nights/Weekends/Holidays...........................1-888-304-1133
Clean Harbors Weymouth................................1-800-483-3718
South Shore Hospital.......................................781-624-8288

Clean Harbors of Braintree, Inc. Work Phone 24hr Emergency

<table>
<thead>
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<th>Clean Harbors of Braintree, Inc.</th>
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<th>Work Phone</th>
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<tbody>
<tr>
<td>Richard Williams (Operations Manager)</td>
<td>(781) 380-7155</td>
<td>(781) 913-0722</td>
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<tr>
<td>Stephen Ganley (General Manager)</td>
<td>(781) 331-9550</td>
<td>(617) 962-4777</td>
<td></td>
</tr>
<tr>
<td>Wayne Alfone (Maintenance Manager)</td>
<td>(508-746-3008</td>
<td>781-953-4431</td>
<td></td>
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NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - 3A- Foam Fire Extinguisher (100 lb Dry Charge on Wheels)
   - 3B- Foaming Monitor Gun (Tank Farm Only)
   - 3C- Building 6 Dry chemical System
4. First Aid Kits
5. Eye Wash Stations (Portable)
6. Eye Wash Stations/safety shower (Stationary)
7. Fire Blanket
8. Spill Absorbs (Speedi Dry and/or absorbent Pads)
9. Emergency Response Locker

EMERGENCY PHONE NUMBERS

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<th>Office</th>
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<td>Braintree Fire Department</td>
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<td>Braintree Police Department</td>
<td>781-931-7135</td>
<td>781-931-7135</td>
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<tr>
<td>South Shore Hospital</td>
<td>781-935-4222</td>
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Clean Harbors of Braintree, Inc.

Richard Williams (Operations Manager) … (No home phone) (781) 931-7135
Stephen Ganley (General Manager) … (781) 331-9550 (617) 962-4777
Wayne Alfone (Maintenance Manager) … 508-769-2000 781-935-4311

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Building #5 -

THIS AREA MEETS AT: PRIMARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   2B. Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   3D. Fire Extinguisher, Class "D" Metals
   3A. Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
   3B. Foam Monitor Guns (Tank Farm Only)
4. First Aid Kits
5. Eye Wash Stations (Portable)
6. Fire Blanket
7. Spill Absorbsents (Speedi Dry and/or absorbent Pads)
8. Emergency Response Locker

EMERGENCY PHONE NUMBERS

Braintree Fire Department………………………………………911
Braintree Police Department……………………………………911
MA DEP - Reportable Release
On Call: Days…………………………………………………508-846-2700
Night/Weekends/Holidays……………………………………1-888-994-1133
Clean Harbors Weymouth…………………………………….1-800-483-3718
South Shore Hospital………………………………………..781-624-8288

Emergency Coordinator/Alternatives

<table>
<thead>
<tr>
<th>Name</th>
<th>Work Phone</th>
<th>Phone Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams</td>
<td>(781) 380-7135</td>
<td>781-913-0722</td>
</tr>
<tr>
<td>Stephen Gunley</td>
<td>(781) 331-9550</td>
<td>617-962-4777</td>
</tr>
<tr>
<td>Wayne Alfcone</td>
<td>(508) 746-3008</td>
<td>781-953-4431</td>
</tr>
</tbody>
</table>

Clean Harbors, Braintree.

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

SAT: Satellite Accumulation Area

Revised by: D. Smith
Revised: 08/09/2020
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - Building 6 Fire Alarm (Loading Dock Only)
   - Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - 3D - Fire Extinguisher, Class "D" Metals
   - 3A - Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
4. - First Aid KIt
5. - Eye Wash Stations (Portable)
6. - Eye Wash Stations/safety shower (Stationary)
7. - Fire Blanket
8. - Spill Absorbsnts (Speedi Dry and i/ or absorbent Pads)
9. - Emergency Response Locker

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area. SAT: Satellite Accumulation Area

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023

EMERGENCY PHONE NUMBERS
Braintree Fire Department.........................911
Braintree Police Department.......................911
MA DEP - Reportable Release
On Call: Days........................................508-946-2700
Nights/Weekends/Holidays..........................1-888-304-1133
Clean Harbors Weymouth..........................1-800-483-3718
South Shore Hospital...............................781-624-8288

Emergency Coordinator/Alternatives
Richard Williams (Operations Manager) ... (No home phone) (781) 913-0722
Stephen Ganley (General Manager) ......... (781) 331-9550 (617) 962-4777
Wayne Allone (Maintenance Manager)..... 508-746-3008 781-953-4431

Clean Harbors of Braintree, Inc. Work Phone Number
781-380-7141

Revised by: D. Smith
Revised: 08/09/2022
Building #2 Analytical Laboratory / 1st Floor

THIS AREA MEETS AT: SECONDARY EVACUATION ASSEMBLY AREA.

Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   Activation Notices Fire Department
   2B - Building 6 Fire Alarm (Loading Dock Only)
   Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   3D - Fire Extinguisher, Class "D" Metals
   3A - Mobile Fire Extinguisher (100lb Dry Charge on Wheels)
   3B - Foam Monitor Guns (Tank Farm Only)
4. First Aid Kits
5. Eye Wash Stations (Portable)
   Eye Wash Stations/safety shower (Stationary)
6. Fire Blanket
7. Spill Absorbsnts (Speedy Dry and/or absorbent Pads)
8. Emergency Response Locker

EMERGENCY PHONE NUMBERS
Braintree Fire Department.............................................911
Braintree Police Department.........................................911
MA DEP – Reportable Release
On Call: Days..........................................................508-946-2700
Night/Weekends/Holidays........................................1-888-304-1133
Clean Harbors Weymouth........................................1-800-483-3718
South Shore Hospital..............................................781-624-8288
Emergency Coordinator/Alternatives Home Phone: 24hr Emergency
Clean Harbors of Braintree, Inc. Work Phone Number
Richard Williams (Operations Manager) (No home phone) (781) 913-0722
(781) 380-7135
Stephen Ganley (General Manager) (781) 331-9550 (617) 962-4777
(617) 962-4777
Wayne Alfone (Maintenance Manager) 508-746-3008 781-953-4431
781-380-7141

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.
ACC: Hazardous Material Accumulation Area  SAT: Satellite Accumulation Area

Clean Harbors, Braintree
Revised by: D. Smith
Revised: 06/09/2022

Office of the Town Council | Braintree, Massachusetts
Meredith Boericke, Council President
03/08/2023
Evacuation Routes

1- Telephone
2- Fire Alarm Pull / Break Glass Station
   Activation Notifies Fire Department
   - Building 6 Fire Alarm (Loading Dock Only)
   - Activation Does NOT Notify Fire Dept
3- Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - Fire Extinguisher, Class "D" Metals
   - Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
   - Foam Monitor Guns (Tank Farm Only)
4- First Aid Kits
5- Eye Wash Stations (Portable)
6- Eye Wash Stations/safety shower (Stationary)
7- Fire Blanket
8- Spill Absorbents (Speedi Dry and / or absorbent Pads)
9- Emergency Response Locker

EMERGENCY PHONE NUMBERS
- Braintree Fire Department ......................... 911
- Braintree Police Department ..................... 911
- MA DEP - Reportable Release
  On Call: Days ........................................ 508-946-2700
  Nights/Weekends/Holidays ...................... 1-800-904-1133
- Clean Harbors Weymouth ......................... 1-800-483-2508
- South Shore Hospital .......................... 781-624-8288
- Emergency Coordinator/Alternatives Home Phone 24hr Emergency

Clean Harbors of Braintree, Inc. Work Phone Number
- Richard Williams (Operations Manager) ....... (781) 913-0722
- Stephen Ganley (General Manager) ........... (781) 331-9550
- Wayne Affone (Maintenance Manager) ....... 508-746-3008

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

SAT: Satellite Accumulation Area

Clean Harbors, Braintree.
Evacuation Routes

1. Telephone
2. Fire Alarm Pull / Break Glass Station
   - Activation Notifies Fire Department
   - Building 6 Fire Alarm (Loading Dock Only)
   - Activation Does NOT Notify Fire Dept
3. Fire Extinguisher (Hand Held 20 or 5 lb Charge)
   - 3A: Mobile Fire Extinguisher (100 lb Dry Charge on Wheels)
   - 3B: Foam Monitor Guns (Tank Farm Only)
4. First Aid Kits
5. Eye Wash Stations (Portable)
6. Eye Wash Stations/safety shower (Stationary)

EMERGENCY PHONE NUMBERS

<table>
<thead>
<tr>
<th>Clean Harbors of Braintree, Inc.</th>
<th>Home Phone</th>
<th>Work Phone</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Williams (Operations Manager)</td>
<td>(781) 380-7135</td>
<td>(781) 331-9550</td>
<td>617-962-4777</td>
</tr>
<tr>
<td>Stephen Gasley (General Manager)</td>
<td>(781) 380-7135</td>
<td>(781) 331-9550</td>
<td>617-962-4777</td>
</tr>
<tr>
<td>Wayne Alfone (Maintenance Manager)</td>
<td>508-746-3008</td>
<td>781-380-7141</td>
<td></td>
</tr>
</tbody>
</table>

NOTE: Additional Spill Control and Emergency Response Gear Available in Building 6 and throughout the Facility. See Contingency Plan For Listings.

ACC: Hazardous Material Accumulation Area
SAT: Satellite Accumulation Area

Clean Harbors, Braintree.

Revised by: D. Smith
Revised: 08/09/2022
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

PREPAREDNESS AND PREVENTION PLAN

1.0 INTRODUCTION

The purpose of this section is to describe the procedures, equipment, and facility structures to prevent hazards in loading and unloading areas; to prevent contaminated stormwater run-off from processing areas to the environment; to prevent the contamination of surface and groundwater; to mitigate the potential effects of equipment failure and power outages; and to prevent undue exposure of CHBI personnel or other personnel working within the Facility from exposure to hazardous wastes. The information provided in this section is submitted in accordance with the requirements of 310 CMR 30.515, 30.514, 30.524, and 30.560.

2.0 SURFACE DRAINAGE, STORMWATER RUN-OFF AND WASTEWATER MANAGEMENT

All surface water discharges from the Facility will be managed in accordance with the requirements of the Permit Application and Special NPDES Program Requirements found at 40 CFR Section 122.26 and the National Pollutant Discharge Elimination System requirements found in Section 402 of the Clean Water Act and in compliance with the Facility’s NPDES permit. Any spill will be immediately containerized and the contaminated area cleaned to prevent any waste from contaminating stormwater.

The Facility is designed such that stormwater flows across pavement to the northeast corner of the Facility. Stormwater is treated before being discharged to the Fore River. The stormwater treatment system consists of sand filters for solids removal, an ion exchange bed to remove metals and activated carbon filters to remove organics.

3.0 TANK STORAGE

3.1 Secondary Containment

Hazardous waste storage tanks are located in two (2) areas of the Facility: the Tank Farm and Building No. 6.

CHBI is authorized to store and treat hazardous waste in up to eighteen (18) tanks in the Tank Farm. Currently, eight tanks are installed and operating in the Tank Farm. The designs for ten additional tanks for installation in the Tank Farm have been approved. Prior to installation of any of the remaining ten tanks, CHBI must provide written notice and receive written approval from the Department. CHBI must also provide a certification in accordance with 310 CMR 30.693(10) before use.

The eighteen tanks have an operating volume of 142,575 gallons. The Tank Farm also includes a diesel fuel oil tank, Tank A-13 with a 3,900 gallon capacity, for fueling transport vehicles. All tanks are located within secondary containment areas. All tanks are located on an impermeable concrete base lined with a chemical resistant epoxy coating and with a surrounding concrete containment dike sufficient to hold 110% of the largest tank within the Tank Farm or 10% of the...
CONTEMPENCY PLAN AND PREPARENESS AND PREVENTION PLAN
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total volume of all tanks, whichever is greater. The primary entrance into the Tank Farm is through a truck entranceway in the Dike Area that is ramped for containment. The entire Tank Farm and Dike Area, which encompasses 40,000 square feet, is surrounded by a concrete wall which extends down into bedrock for approximately six (6) feet and above the ground for approximately eight (8) feet. The surficial geology under the floor of the Tank Farm and the Dike Area consists of bedrock with approximately three (3) feet of very dense fill on top, and with one (1) foot of gravel on top of the fill. The entire area is covered with concrete to support transport vehicles.

The locations of the replacement tanks can be found in drawing BRFACGEN08-C-07 and the containment elevations are noted on drawing BRFACGEN08-C-02. Tank storage within Building No. 6 consists of three (4) tanks with a total capacity of 6,840 gallons for storage of PCB liquid wastes. The twenty-five (25) feet by twenty-five (25) feet concrete containment area has a dike height of 2.25 feet with containment sufficient to hold 200% of the largest PCB tank or 25% of the total volume of all tanks, whichever is greater.

3.2 Tank Storage Criteria
Test design and development of the Facility’s tank storage capabilities must meet the following criteria:

1. All new storage tanks, foundations, and foundation conditions are certified by a Registered Professional Engineer as to suitability for the intended service.
2. Dikes and containment areas are visually inspected yearly by CHBI personnel to ensure their suitability for their intended purpose under the Spill Prevention, Control, and Countermeasure Plan Requirements found in 40 CFR Part 112 in addition to the daily inspection as detailed in the Inspection Plan, Attachment XIII.
3. All applicable local, state and federal fire and explosion hazardous standards are followed.
4. Tanks are subject to yearly integrity testing by third party personnel using non-destructive shell thickness testing. Tank interiors are also visually inspected. Comparison records are kept where appropriate, and tank supports and foundations are included in inspections. In addition, the outside of the tank is inspected by operating personnel for signs of deterioration, leaks, or accumulation of material inside containment areas. Leaks are promptly corrected, and any released waste is promptly cleaned up.

4.0 CONTAINER STORAGE

Storage of containerized hazardous waste occurs in two (2) locations within the Facility: Building No. 4 and Building No. 6.

Building No. 4 is utilized for storage of hazardous wastes that are to be processed in-house and consolidated. These wastes include halogenated solvents for consolidation and shipment offsite; and aqueous, flammable and combustible liquids for onsite consolidation.

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Building No. 6 is utilized primarily for the storage of containerized wastes which are consolidated into bulk containers, repacked, or shipped offsite in the same container to another properly licensed hazardous waste management facility for treatment, storage and/or disposal. Building No. 6 is also used for the storage and consolidation of PCB, alkaline and cyanide waste, fluorinated and chlorinated solvent waste, universal waste, and for the storage of waste held as State’s evidence. State’s evidence will be in DOT approved containers and will vary in size.

Secondary containment consists of reinforced concrete floors free of cracks. Entrances into both storage facilities are ramped to provide ease of moving equipment while maintaining the integrity of the containment structure of the storage area. Both drum storage buildings are enclosed and have secondary containment sufficient to meet the requirements of 310 CMR 30.687 and federal specifications for PCB “Storage for Disposal” found in 40 CFR Part 761.65. The containment capacity inside each containment area is large enough to hold the contents of the largest container, or the contents of 10% of the total volume. The PCB container storage area is designed to contain 25% of the total volume stored.

4.1 Container Handling Procedures
The following drum handling procedures are employed to prevent hazards:

- Upon receipt of a shipment of drums, a visual inspection is made for damaged or leaking drums.
- The contents of any leaking or damaged drums are transferred or overpacked to reduce the likelihood of a spill or a release.
- If a spill occurs, it is cleaned up immediately with absorbent materials. Spill control procedures are described in the Contingency Plan. The drum handling areas do not contain any storm drains.

Drums containing incompatible wastes are separated in different areas within the warehouses to reduce the possibility of contact with incompatibles. Upon receipt, containers are sampled and analyzed per the Waste Analysis Plan in Attachment XII. Incompatible wastes are separated in accordance with the Facility’s Management of Containers Plan in Attachment I.

Container handling and management practices for the drum crushing operation are discussed in Drum Crushing Procedures, Attachment I. These management practices include procedures designed to prevent the mixing of incompatible wastes during drum crushing.

4.2 Secondary Containment
The containment structures surrounding each storage area are constructed of reinforced concrete. The capacity of each area is designed in accordance with federal specifications for PCB storage (40 CFR 761) and 310 CMR 30.687. The containment capacity inside each containment area is large enough to hold the contents of the largest container, or the contents of 10% of the total volume. The PCB container storage area is designed to contain 25% of the total volume stored.

5.0 LOADING AND UNLOADING OPERATION

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5.1 Loading and Unloading Areas

The Facility has nine (9) loading and unloading areas which are located adjacent to Building No. 4 and No. 6 and within the Tank Farm and Dike Area. These are identified on drawing 6146-C-03, Figure F-1, Attachment XXI, Volume 3.

- Area 16 and 17, as identified in Figure F-1, designate the East and West side of the loading dock located at the southern end of Building No. 4. It is a roofed raised dock used for shipping drums. The truck pad is constructed of asphalt without drains. This dock is capable of accommodating three (3) trucks on each side for a total of six (6) trucks simultaneously. There is no pitch so any release will remain in the immediate area. The loading and unloading dock is built with a berm around its perimeter that provides secondary containment. The asphalt does not have an impervious coating.

- Area 11, as identified in Figure F-1, is a roofed area at the northern end of Building No. 4 designed to accommodate two (2) containers consisting of either a sealed watertight dump trailer and/or a 40-yard rolloff box which are used to convey crushed or shredded drums to an approved offsite disposal facility. The pad is a concrete slab with concrete ramps. The area is below grade and is pitched to the rear where any spill is collected in a grated trench. This area is inspected on a daily basis to assure that no waste is being accumulated in the trenches. The concrete surface of the dock does not have an impervious coating.

- Area 6W, as identified in Figure F-1, is a free-standing portable loading and unloading dock located on the west side of Building No. 6 that can accommodate up to eight vehicles. The dock is constructed of diamond plate steel with welded steel berms to contain any spill on the dock. There are portable spill pans that are located on the ground below the rear door to contain anything leaking from the trailer. The supporting structure (ground surface) under the steel plates does not have an impervious coating.

- Area 9, as identified in Figure F-1, consists of 11 truck loading and unloading bays which are designed to accommodate 11 trucks simultaneously. The concrete in Bays 4 through 11 does not have an impervious coating. The concrete in Bays 1-3 is coated with a clear sealant called Surfhard. This loading and unloading pad also contains a catwalk structure that is used in conducting sampling and loading procedures described in this plan.

- Area 13, as identified in Figure F-1, is an Annex III PCB storage area designed to accommodate up to 3 trucks/trailers. The Annex III storage area includes truck bays 1-3 in Area 9 which is authorized to accommodate mix tubs and roll-offs containing PCB solids.

- Area 7, as identified in Figure F-1, is the Dike Area. The Dike Area consists of a concrete containment structure used to offload, solidify and load containerized sludge and solids into rolloffs or other transportation equipment. The Dike Area is not roofed; it is bermed to prevent stormwater run-off. The concrete pavement does not have an impervious coating.

- Area 6E, as identified in Figure F-1, is located on the East side of Building No. 6 and refers to an asphalt loading dock capable of accommodating six (6) vehicles.
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simultaneously. It is roofed, has containment on three sides and is pitched toward the building. The dock is concrete and does have an impervious coating. The area where trucks are parked is asphalt.

- Area 12, as identified in Figure F-1, is a partially roofed concrete pad that can accommodate up to three (3) transport vehicles containing PCB waste. The pad is divided into two separate areas by a concrete curb which acts as a berm. The area is used to load tankers with PCB liquids for offsite incineration. The pad is pitched toward the center, where a manual control valve can be opened so excess liquid can be drained into the PCB tank containment area identified as Area 10 on Figure F-1. This is also used for the draining and decontamination of oversize and/or large PCB transformers. The southern section of the concrete pad is also utilized to accommodate up to two (2) transport vehicles, for the temporary storage of PCB items. This area is protected with “Kure-N-Harden”, a silicate based sealer.

5.2 Loading and Unloading Procedures
The following procedures apply to any and all transfers of waste between containers, tanker trucks and tanks.

- Forklift safety and operating procedures are followed when moving containers. These procedures are discussed in Management of Containers, Attachment I.
- All transfer operations are supervised by a trained operator, who maintains visual observation during loading and unloading.
- The operator responsible for the transfer remains in the immediate area and monitors all transfer operations until they are complete.
- Before transfer of any waste, a sample is taken from the container, tank or tanker truck to be emptied and checked for compatibility if mixed with any other material. Sampling and compatibility testing will be performed as required by the Waste Analysis Plan, Attachment XII.
- A glass or anti static plastic thief must be used for sampling all flammable or combustible liquid containers.
- Operations personnel will wear personal protective equipment (PPE) as specified by CHBI Health and Safety policies and procedures.
- Flow diagram(s) for the entire Facility have been prepared showing all pipelines, valves, manifolds, etc. Appropriate diagram and process piping plans can be found in Attachment II, Management of Hazardous Waste Tank Systems.

Should an emergency such as a hose failure occur during the transfer of waste, the following steps will be taken:

- All transfer operations are suspended immediately.
- Persons in charge are notified.
- If waste has been discharged upon the ground, immediate steps are taken to contain it.
- Spilled wastes are absorbed and/or pumped out.

Spill control procedures are provided in the Contingency Plan.

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5.3 Loading and Unloading Procedures Between Tanks and Tanker Trucks
Specific procedures to address loading and unloading can be found in Attachment II, Management of Hazardous Waste Tank Systems, Section 4.1.

5.4 Container Loading and Unloading Procedures
Specific procedures to address loading and unloading can be found in Attachment I, Container Management Plan.

6.0 SPILL RESPONSE PROCEDURE

The clean-up of spills or other minor releases in either of the two tank areas and other areas is accomplished by the personnel and equipment available at the Facility.

Spills that may result from tanker truck rupture, broken pipe, or fittings are recovered and removed promptly.

Waste spilled from a leaking tank is also recovered and removed promptly. The contents of a leaking tank can be pumped to another storage tank or tanker truck. Compatibility must be checked before mixing any waste. After removal of waste, the ruptured or leaking tank is to be either replaced or adequately repaired and tested before being returned to service for storage. Spills from pipelines can sometimes be limited by prompt isolation of leaking lines with control valves.

Internal review records of waste spillage are maintained. Such records include the cause of the incident and steps taken to prevent its recurrence. Regulatory agencies will be notified promptly of any reportable incidents.

A list of all emergency response equipment can be found in Table 3 of the Contingency Plan. This equipment is stored at the Facility for use by the operations personnel. Additional equipment and personnel can be obtained by contacting Clean Harbors 24 hour emergency service operators who would provide equipment and manpower from one of two local Field Service offices located in Weymouth, Massachusetts or Providence, Rhode Island.

Procedures that are to be followed in the event of a spill or release of hazardous waste are described in the Facility’s Contingency Plan.

7.0 INSPECTION AND RECORDS

Required inspections are conducted in accordance with procedures described in the Facility Inspection Plan, Attachment XIII. These written procedures and a record of inspections are maintained at the Facility. Discrepancies and corrective action(s) are documented in accordance with the record keeping requirements of the Inspection Plan. All spills or releases of hazardous waste are entered into the facility operating record as a report that includes a list of the cause(s) and step(s) taken for clean up and prevention of recurrence.

8.0 SECURITY OF PROCESS SYSTEMS

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The implementation program includes the following measures:

- The Facility handling, processing and storage areas are fully fenced, and entrance gates are closed and monitored at all times to prevent unauthorized people from access to these systems.
- Control valves that are used to discharge waste from a tank are kept in the closed position when in non-operating or non-stand-by status.
- The starter controls on all pumps are in the “off” position and the pump area is accessible only to authorized personnel when the pumps are in non-operating or non-stand-by status.
- The loading and unloading connections of pipelines used to convey waste are securely capped or blank-flanged when not in service, or in stand-by service for an extended time. This security practice also applies to pipelines that have been emptied of liquid content either by draining or by air pressure.
- The air compressor that powers pumps is shut down during off hours.

9.0 FIRE DETECTION AND ALARM SYSTEM

The Facility is equipped with a fourteen zone Honeywell Alarm System that indicates the location of an activated alarm on the guardhouse alarm panel. Each zone monitors a separate and distinct area of the facility.

<table>
<thead>
<tr>
<th>Zone</th>
<th>Area Covered</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Building 6 dry chemical system @ dock</td>
</tr>
<tr>
<td>2</td>
<td>Building 6 sprinkler system</td>
</tr>
<tr>
<td>3</td>
<td>Foam House discharge</td>
</tr>
<tr>
<td>4</td>
<td>Building 4 pull station</td>
</tr>
<tr>
<td>5</td>
<td>Building 4 boiler room</td>
</tr>
<tr>
<td>6</td>
<td>Building 1 pull station</td>
</tr>
<tr>
<td>7</td>
<td>Building 2 lab pull station (first floor)</td>
</tr>
<tr>
<td>8</td>
<td>Guard shack pull station</td>
</tr>
<tr>
<td>9</td>
<td>Break Room pull station</td>
</tr>
<tr>
<td>10</td>
<td>Tank Farm pull station</td>
</tr>
<tr>
<td>11</td>
<td>Building 2 maintenance pull station</td>
</tr>
<tr>
<td>12</td>
<td>Building 2 former solvent area</td>
</tr>
<tr>
<td>13</td>
<td>Building 2 office pull station</td>
</tr>
<tr>
<td>14</td>
<td>Building 2 lab pull station (second floor)</td>
</tr>
</tbody>
</table>

Tripping any one of the pull boxes that are located throughout the Facility can sound an alarm. In addition, temperature rate-to-rise detectors at the drum crusher and in the lab are interfaced with the alarm System. Rate-to-rise detectors have been installed throughout Building No. 4 which will trigger both the alarm system and the foam fire suppression system within the building.
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Whenever the alarm system is activated, an alarm is sounded at the Braintree Fire Department that results in a response by Braintree Fire Department personnel. The alarm continues to sound until Fire Department personnel arrive and deactivate the system with a key kept in their possession. Each Braintree Fire Department vehicle carries a plan of the Facility showing the location of the fourteen zones. The alarm panel located at the gate directs fire department personnel to the affected zone immediately upon their arrival at the Facility.

A combination of fire horns and strobe lights will signal CHBI personnel in the event of an alarm. Alarm signals can be either seen or heard at all indoor and outdoor locations at the Facility. All audible and visible signals are activated whenever the alarm system is tripped. Thus, all personnel are notified in the event of an emergency. The pull stations, smoke detectors and thermal sensors are tested quarterly. The sprinkler and foam systems are tested annually. Both quarterly and annual inspections are performed by an outside vendor.

The following describes the fire detection and alarm system(s) for each of the buildings, the Tank Farm, and the Dike Area.

9.1 Building No. 1
Building No.1 houses CHBI’s administrative offices and is protected with particle detectors that are connected with the annunciator panels. Occupants of Building No.1 are notified of a fire event via fire horns.

9.2 Building No. 2
The Former Still Room is equipped with alarm pull stations. Persons in this area are notified by both the audible fire alarm and strobe lights. The Former Laboratory is equipped with rate-to-rise detectors and particle detectors. These detectors are designed to trigger an alarm on the lab’s Miniscan 424A three-zone alarm panel followed by the automatic release of Halon 1301 into the lab. The Miniscan system is interfaced with the Gamewell system and sounds the company-wide alarm. Other areas within Building No.2, such as the locker room, current lab and offices are equipped with pull stations. Persons in these areas are able to hear audible alarms.

9.3 Building No. 4
The Drum Crusher Area, which is identified as Area 11 in Figure F-1, is connected to Area 4 and the two areas collectively are identified as Building No. 4, is equipped with rate-to-rise detectors which trip the alarm system, sound the plant-wide alarm, and activate the crusher’s foam fire suppression system. The areas where drums are stored and handled have pull stations. Rate-to-rise detectors that trip the alarm system and activate the sprinkler system throughout the building, as well as activate the personnel alarm system. The fire horns are audible throughout Building No. 4.

9.4 Building No. 5
Tripping any of the pull-boxes in this area can activate the alarm system. Persons in these areas are warned of a fire by audible alarms.
9.5 Building No. 6
This building is protected by a single zone preaction system per NFPA 13, 20 & 231. It has a design density of 0.25 gpm/ft². Actuation is provided by manual pull stations and heat actuated devices with both high temperature and rate of rise actuation. A release panel provides signals to the alarm system as well as electronic notification to the Braintree Fire Department.

The drum dumping dock is equipped with a Pyro-Chem automatic dry chemical fire suppression system. It is installed, inspected and maintained in accordance with NFPA-17. This industrial fire suppression system uses a sodium bicarbonate based dry chemical agent. The system provides mechanical or electrical automatic actuation and can be manually actuated through a remote mechanical pull station. This pull station is located on the outside wall of the office in Building No. 6.

9.6 Tank Farm and Dike Area
These areas are equipped with automatic temperature detectors. If activated, an overhead foam system will automatically discharge. As in all other areas, the pull boxes will trip the alarm system which will sound the plant-wide alarm. The manually activated foam guns are activated if deemed necessary by the Emergency Coordinator. Personnel in the Tank Farm and Dike Area are signaled by the fire horns and a strobe light.

10.0 AIR POLLUTION CONTROL

The air pollution control system includes conservation vents and activated carbon control devices to mitigate the release of volatile organics from the steel “A” series storage tanks in the Tank Farm.

Waste containers are kept closed except when sampling and adding or removing waste, to minimize vapors.

11.0 PERSONNEL PROTECTION

11.1 Health and Safety
All employees MUST observe routine safety and health standards and any additional requirements established by the company or regulatory agencies. Any employee neglecting such responsibility will be subject to termination.

Health and safety standards are considered to be of critical importance in the day-to-day operation of the Facility. Regular health and safety inspections of the Facility are conducted by members of the CHBI’s Safety Committee to ensure safe conditions in the facility, to inspect the safety equipment, and to monitor the use of proper safety equipment and procedures by all employees. All accidents and/or injuries must be reported to the Area Supervisor immediately upon occurrence. Also, any situation that presents a health or safety hazard must be brought to the immediate attention of the Area Supervisor or a member of the Safety Committee.
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In addition to a comprehensive pre-employment (baseline) physical examination, each employee shall have a bi-annual physical examination to enable early diagnosis and treatment of preventable diseases and physical disorders as well as to monitor any effects of potential exposure to toxic substances. The examinations are conducted at the company’s expense by a qualified health clinic.

Emergency showers and eye wash stations are provided at various locations throughout the Facility for use in case of accidental contamination of the body or eyes by toxic substances. In addition, emergency response boxes supplied with safety equipment are provided in three (3) locations at the Facility to provide personal protective equipment in case of emergency. These shower, eye wash stations and response boxes are inspected regularly by CHBI personnel to ensure good working order and adequate supplies.

Extensive training pertaining to job performance, emergency response procedures, and health and safety is provided by CHBI staff on a routine basis. All personnel are required to participate in the programs designated for their job classification. Training records are kept electronically in the operating record.

11.2 Protective Clothing and Safety Equipment
Protective clothing and safety equipment are provided by CHBI for the specific purpose of protecting employees from physical injury and chemical exposure. The following equipment is utilized in all operational areas: hard hat, safety glasses, steel toed shoes, long pants and gloves.

Personnel touring the Facility are required to wear a hard hat and safety glasses. Sneakers, open toe shoes or sandals are strictly prohibited in all operational areas.

The following minimal additional equipment is utilized when performing the following tasks:

Handling Chemicals or Contaminated Equipment
- Long Sleeve Shirt

Opening and Sampling Tank or Tanker
- Eye Protection
- Respirator

Opening Drums
- Respirator

Cleaning Basket Strainers
- Respirator
- Eye Protection
- Apron
- Disposable Suit
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Sampling Drums
- Apron
- Disposable Suit
- Respirator

Working with Dusty Material
- Dust Mask

Dumping Drums
- Apron
- Disposable Suit

Crushing Drums
- Apron
- Disposable Suit
- Eye Protection
- Respirator

Internal Tank Inspection and Cleaning
Equipment as predetermined for each job

Pumping Drums
- Full face respirator
- Apron
- Disposable Suit

Exclusion to these rules can only be made on a case-by-case basis by the Area Foreman or Chemical Operations Manager.

Protective clothing and safety equipment are supplied to employees on the following basis:
- All employees will be provided with safety shoes. All employees are required to wear approved footwear. Loafers, sneakers, etc., are strictly prohibited for operating personnel.
- Uniforms will be provided for full-time and permanent plant employees.

12.0 EQUIPMENT FAILURE AND POWER OUTAGES

If there has been an equipment failure or power outage that results in a fire, explosion, spill, or release or there are imminent conditions that could result in such events, the procedures previously described for each type of event will be implemented.

The following procedures are to be implemented if a power loss does not present an imminent situation for release, spill, fire, or explosion.
- Turn off all power or power equipment in the system (e.g. pump);
- Notify the Area Supervisor of the failure or outage;

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- Either the Area Supervisor or the Compliance Guard will contact the Maintenance Manager. The Maintenance Manager will assess the cause of the failure or outage and initiate efforts to correct the situation.
- Failed equipment that is portable will be removed from the operating area to the Maintenance area or other secure area for repairs. Failed equipment that is non-portable will be locked-out and tagged until all necessary repairs are made.

CHBI is equipped with an emergency power generator that automatically operates upon loss of power.

13.0 PREVENTION OF REACTION OF IGNITABLE, REACTIVE OR INCOMPATIBLE WASTES

To ensure general compliance with 310 CMR 30.560 (1) through (4), General Requirements for Ignitable, Reactive, or Incompatible Wastes, the Facility has instituted the following operating procedures and facility programs to prevent reactions that might result in:

- Generation of pressure, fire, explosion, or reaction;
- Production of fumes, mists, dusts, or gases that may impact human health or the environment;
- Production of flammable fumes or gases that may result in a fire or explosion; and
- Damage of the structural integrity of the facility.

13.1 Building Storage Locations
Building No. 4 is used for the storage of ignitable and combustible wastes. Acidic wastes and acidic/flammable waste mixtures are stored in rows 33 through 41. The berm located between rows 38 and 39 demarcates a distance of 29.5 feet from the closest piece of unclassified electrical equipment, which is located in the groundwater treatment system room. Therefore, flammable waste shall always be stored at least 29.5 feet from the closest piece of unclassified electrical equipment. This building is also used for storage and consolidation of ignitable/PCB mixtures and ignitable/reactive mixtures received in small quantities in DOT approved shipping containers. No ignitable or reactive wastes are stored within fifteen (15) meters of the Facility property boundary. All storage of ignitable materials conforms to NFPA requirements. Drawing 4629-M-01 (Waste Storage Arrangement Building 4) presents a layout of waste storage.

The analytical laboratory is used for analysis of wastes received, processed or conveyed offsite. As a result, samples of ignitable or reactive wastes are sometimes received and stored in the lab. In addition, standards for various analytical procedures may themselves be ignitable or reactive.

Building No. 6 has a bermed storage area that provides for the segregated storage of reactive waste (cyanide and/or sulfide) and PCB waste.

13.1.1 Storage of Ignitable Waste in the Tank Farm
CHBI is authorized to use up to nine (9) tanks located within the Tank Farm to store and treat (phase separation) ignitable liquids that are then transported off-site to another licensed facility.

13.1.2 General Procedures to Prevent Ignition of Ignitible or Reactive Wastes
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To prevent the ignition of wastes from sources of ignition or reaction, such as open flames, smoking, cutting, welding, hot surfaces or frictional sparks (static, electrical or mechanical) operating procedures are strictly enforced for proper hot work procedures and tool safety procedures. Training in these procedures is provided for all employees who may be involved in such work.

Smoking within the Facility is strictly prohibited. Smoking is only approved in the area located adjacent to the guard house and outside of the Facility’s chain-link fence.

Signs are posted throughout the Facility stating that smoking is prohibited.

13.2 Procedures for Handling Ignitable or Reactive Wastes in Containers and Tanks
To ensure that uncontrolled reaction or ignition of waste does not occur, the following specific operational procedures are followed:

13.2.1 Ignitable Wastes
All ignitable wastes that are received in containers are segregated into storage areas designed for the storage of these wastes. On receipt, all drums are clearly marked designating the wastes to be ignitable. Containerized liquids are consolidated into bulk storage tanks or into transport vehicles in accordance with procedures described in Section 5. Containerized ignitable solid wastes are accumulated until a sufficient quantity (~80 drums) can be consolidated into bulk containers or conveyed in the same container to another licensed TSD facility.

13.2.2 Reactive Wastes
All reactive wastes (cyanide or sulfide bearing) in drums are segregated into the Building No. 6 cyanide and alkaline containment areas. Reactive wastes are accumulated until a sufficient quantity can be consolidated into bulk transport vehicles or shipped offsite in the same container once a “full” truckload quantity is accumulated. In some instances, reactives will be “re-packed” into other containers in order to meet the receiving facility’s specifications.

13.2.3 Laboratory Chemicals
Operating procedures have been established to ensure that ignitable and reactive wastes are handled properly. Table 3 details the pre-sorting procedures to ensure that proper packing is performed and incompatible wastes are not commingled.

Packed laboratory chemicals and residues individually packaged in labeled containers are disposed offsite at properly licensed waste management facilities.

Table 1
Potential Incompatible Mixtures
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

In the lists below, the mixing of a Group A material with a Group B material may have the potential consequence as noted.

GROUP 1-A
Acetylene sludge
Alkaline caustic liquids
Alkaline cleaner
Alkaline corrosive liquids
Alkaline corrosive battery fluid
Caustic wastewater
Lime sludge and other corrosive alkalis
Lime wastewater
Lime and water
Spent caustic

GROUP 1-B
Acid sludge
Acid and water
Battery acid
Chemical cleaners
Electrolyte, acid
Etching acid liquid or solvent
Pickling liquor and other corrosive acids
Spent acid
Spent mixed acid
Spent sulfuric acid

Potential consequences: Heat generation; violent reaction.

GROUP 2-A
Aluminum
Beryllium
Calcium
Lithium
Magnesium
Potassium
Sodium
Zinc powder
Other reactive metals and metal hydrides

GROUP 2-B
Any waste in Group 1-A or 1-B

Potential consequences: Fire or explosion; generation of flammable hydrogen gas.
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Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

GROUP 3-A
Alcohols
Water

GROUP 3-B
Any concentrated waste in Groups 1-A or 1-B
Calcium
Lithium
Metal hydrides
Potassium
SO₂Cl₂, SOCl₂, PCl₃, CH₃SiCl₃
Other water-reactive waste

Potential consequences: Fire, explosion, or heat generation; generation of flammable or toxic gases.

GROUP 4-A
Alcohols
Aldehydes
Halogenated hydrocarbons
Nitrated hydrocarbons
Unsaturated hydrocarbons
Other reactive organic compounds and solvents

GROUP 4-B
Concentrated Group 1-A or 1-B wastes
Group 2-A wastes

Potential consequences: Fire, explosion, or violent reaction.

GROUP 5-A
Spent cyanide and sulfide solutions

GROUP 5-B
Group 1-B wastes

Potential consequences: Generation of toxic hydrogen cyanide or hydrogen sulfide gas.

GROUP 6-A
Chlorates
Chlorine
Chlorites
Chromic acid
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Hypochlorites  
Nitrates  
Nitric acid, fuming  
Perchlorates  
Permanganates  
Peroxides  
Other strong oxidizers

GROUP 6-B

Acetic acid and other organic acids  
Concentrated mineral acids  
Group 2-A wastes  
Group 4-A wastes  
Other flammable and combustible wastes

Potential consequences: Fire, explosion, or violent reaction.

Table 2  Examples of Ignitable or Reactive Wastes Received at CHBI  

<table>
<thead>
<tr>
<th>EPA Code</th>
<th>Description/chemical</th>
</tr>
</thead>
<tbody>
<tr>
<td>D001</td>
<td>The hazardous waste was generated on site from a production process, service activity, or routine cleanup including off-specification or spent chemicals)</td>
</tr>
<tr>
<td>D003</td>
<td>A solid waste that exhibits the characteristic of reactivity.</td>
</tr>
<tr>
<td>F003</td>
<td>The following spent non-halogenated solvents: Xylene, acetone, ethyl acetate, ethyl benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/blends containing, before use, only the above spent non-halogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above non-halogenated solvents, and, a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.</td>
</tr>
<tr>
<td>F005</td>
<td>The following spent non-halogenated solvents: Toluene, methyl ethyl ketone, carbon disulfide, isobutanol, pyridine, benzene, 2-ethoxy-ethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above non-halogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.</td>
</tr>
<tr>
<td>F007</td>
<td>Spent cyanide plating bath solutions from electroplating operations.</td>
</tr>
<tr>
<td>F008</td>
<td>Plating bath residues from the bottom of plating baths from electroplating operations where cyanides are used in the process.</td>
</tr>
<tr>
<td>F009</td>
<td>Spent stripping and cleaning bath solutions from electroplating operations where cyanides are used in the process.</td>
</tr>
<tr>
<td>F010</td>
<td>Quenching bath residues from oil baths from metal heat treating operations where cyanides are used in the process.</td>
</tr>
<tr>
<td>F011</td>
<td>Spent cyanide solutions from salt bath pot cleaning from metal heat treating operations.</td>
</tr>
<tr>
<td>K011</td>
<td>Bottom stream from the wastewater stripper in the production of acrylonitrile.</td>
</tr>
<tr>
<td>K013</td>
<td>Bottom stream from the acetonitrile column in the production of acrylonitrile.</td>
</tr>
<tr>
<td>K027</td>
<td>Centrifuge and distillation residues from toluene disocyanate production.</td>
</tr>
<tr>
<td>P030</td>
<td>Cyanides (soluble cyanide salts), not other-wise specified.</td>
</tr>
<tr>
<td>P122</td>
<td>Zinc phosphide Zn₃P₂, when present at concentrations greater than 10%</td>
</tr>
<tr>
<td>U002</td>
<td>Acetone</td>
</tr>
<tr>
<td>U003</td>
<td>Acetonitrile</td>
</tr>
<tr>
<td>U008</td>
<td>Acrylic acid</td>
</tr>
<tr>
<td>U012</td>
<td>Aniline</td>
</tr>
<tr>
<td>U020</td>
<td>Benzenesulfonic acid chloride</td>
</tr>
<tr>
<td>U023</td>
<td>Benzene, (trichloromethyl)-</td>
</tr>
<tr>
<td>U031</td>
<td>n-Butyl alcohol</td>
</tr>
<tr>
<td>U044</td>
<td>Chloroform</td>
</tr>
<tr>
<td>Code</td>
<td>Substance</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------------------------------------</td>
</tr>
<tr>
<td>U045</td>
<td>Methane, chloro-</td>
</tr>
<tr>
<td>U056</td>
<td>Cyclohexane</td>
</tr>
<tr>
<td>U057</td>
<td>Cyclohexanone</td>
</tr>
<tr>
<td>U085</td>
<td>1,2,3,4-Diepoxybutane</td>
</tr>
<tr>
<td>U092</td>
<td>Dimethylamine</td>
</tr>
<tr>
<td>U096</td>
<td>alpha,alpha-Dimethylbenzylhydroperoxide</td>
</tr>
<tr>
<td>U110</td>
<td>Dipropylamine</td>
</tr>
<tr>
<td>U112</td>
<td>Ethyl acetate</td>
</tr>
<tr>
<td>U113</td>
<td>Ethyl acrylate</td>
</tr>
<tr>
<td>U115</td>
<td>Ethylene oxide</td>
</tr>
<tr>
<td>U117</td>
<td>Ethyl ether</td>
</tr>
<tr>
<td>U124</td>
<td>Furfuran</td>
</tr>
<tr>
<td>U125</td>
<td>Furfural</td>
</tr>
<tr>
<td>U133</td>
<td>Hydrazine</td>
</tr>
<tr>
<td>U159</td>
<td>Methyl ethyl ketone</td>
</tr>
<tr>
<td>U160</td>
<td>Methyl ethyl ketone peroxide</td>
</tr>
<tr>
<td>U162</td>
<td>Methyl methacrylate</td>
</tr>
<tr>
<td>U169</td>
<td>Nitrobenzene</td>
</tr>
<tr>
<td>U171</td>
<td>2-Nitropropane</td>
</tr>
<tr>
<td>U186</td>
<td>1,3-Pentadiene</td>
</tr>
<tr>
<td>U189</td>
<td>Phosphorus sulfide</td>
</tr>
<tr>
<td>U194</td>
<td>1-Propanamine</td>
</tr>
<tr>
<td>U205</td>
<td>Selenium sulfide</td>
</tr>
<tr>
<td>U213</td>
<td>Tetrahydrofuran</td>
</tr>
<tr>
<td>U234</td>
<td>Benzene, 1,3,5-trinitro-</td>
</tr>
</tbody>
</table>
CONTINGENCY PLAN AND PREPAREDNESS AND PREVENTION PLAN
Clean Harbors of Braintree, Inc., 1 Hill Avenue, Braintree, MA

Table 3

Packing Instructions
Pre-sorted Liquid Lab Chemicals

I. PACKING MATERIALS
DOT approved container. Vermiculite packing materials.

II. METHOD
Place bottles and cans in an upright position layered in the drum. All containers must be sealed.
Pour vermiculite around bottles. Do not allow any containers to touch each other.

III. SEGREGATION BY DOT HAZARD CLASSES
Mixing of classes is not allowed. Excluded materials within each class are discussed below:
Non-chlorinated Liquid Organics (carbon based only)
- None with NFPA Health rating of 3 or 4.
- No peroxides or other oxidizers.
- No peroxides formers over 2 years old (Ex. ethers, dioxane)
- No amines or other nitrogen containing molecules.
- No sulfur groups.
- No halogens
- No aldehydes- formalin is allowed
- No formic acid or butyric acid.
Chlorinated Liquid Hydrocarbons. Same as above, except:
- No halogens except chlorine.

Inorganic Acid Solutions
- Metals allowed: Al, Cr, Cu, Fe, Ni, and Zn. All other excluded.
- Acids not allowed: HF, HBR, HI, Perchloric,
- Nitric Acid and Sulfuric acid limited to 50% concentration or less.
- No water reactive compounds.
- Total organic carbon limited to 5% or less.

Alkaline Solutions
- Metals allowed: Cu, Ni, all others excluded.
- No cyanides or sulfides.
- Total organic carbon limited to 5% or less.
- No ammonia solutions.

IV. CONTAINER SIZES
- One pint to two gallon containers are allowed.
- All containers must be clearly labeled as to contents.

V. CONSIDERATIONS
Mixing DOT hazard classes in one drum is not permitted.
Label all drums as to type of contents.

Amended 08/09/2022
1. Introduction

The purpose of this plan is to summarize the Clean Harbors of Braintree, Inc. (Braintree) plan for mitigating the possible adverse effects of a severe storm at the plant. This plan applies to all Braintree as well as Clean Harbors’ employees domiciled at the facility’s location. The objective is to have all plant shutdown, operations complete and all personnel secured prior to wind velocities reaching hurricane and tornado force.

2. Definitions

Storm Emergency Coordinator is the employee with the primary responsibility for assuring that all elements of this plan are in a state of readiness immediately prior to and during the hurricane season.

Control Center is the place where all remaining employees will gather after shutting down the plant and securing. The office area of Building No.2 is designated as Control Center.

Hurricane Season is defined as June 1 through October 31 of each calendar year.

Tropical Depression is a tropical weather disturbance having winds <39 mph.

Tropical Storm is a storm of tropical origin with closed circulation having winds between 39 and 73 mph.

Hurricane is a storm of tropical origin with closed circulation having winds over 74 mph.

Gale Warning refers to weather conditions when winds of 38 to 54 mph are expected.

Storm Warning refers to weather conditions when winds of 55 to 73 mph are expected.

Hurricane Watch conditions exist or are developing in a manner such that the Braintree facility could be impacted by a hurricane 24 hours or more in the future.

Hurricane Warning conditions exist when hurricane conditions could reach Braintree within 6 hours.

Tornado a mobile, destructive vortex of violently rotating winds having the appearance of a funnel-shaped cloud and advancing beneath a large storm system. Although the period in which most tornadoes strike ("tornado season") is March through June, tornadoes - including violent tornadoes and major tornado outbreaks - have been documented in the United States during every month of the year.
3. Responsibilities

**Facility General Manager** or his designee shall decide whether and when to declare the existence of each of the following situations; Standby, Watch, and Warning. Facility General Manager or designee is designated as the Storm Emergency Coordinator.

**Compliance Manager** if onsite shall assist the Storm Emergency Coordinator by ensuring that all phases of this plan are carried out in a safer and timely manner.

**Operations Manager** shall take responsibility for the safekeeping of the drum storage buildings, loading/unloading area and the tank farms. The Operations Manager will issue the shutdown order and ensure that shutdown is completed properly, and also notify Corporate when deemed necessary.

**Office Manager** shall take responsibility for the safekeeping of the office building and if possible coordinate with vending machine company vendors and procure foods in advance of seasons when severe weather is most prevalent. The Office Manager will also ensure that emergency phone is in proper working condition, and will also coordinate the tankers movement as needed.

**Lab Manager** shall take responsibility for the safekeeping of the Lab. The Lab Manager will ensure that all cylinders are secured when the warning is declared.

4. Key Contacts

Please see Attachment B and/or consult facility Contingency Plan for phone numbers for employees and also for emergency numbers.

5. Action Plan (See Attachment A)

The three conditions are covered by this plan:

Stand By: Hurricane/Tornado/Severe Storm conditions could impact the plant within 48 hours.

Watch: Hurricane/Tornado/Severe Storm conditions could impact the plant within hours.

Warning: Hurricane/Tornado/Severe Weather Warning conditions could impact the plant within minutes.

**Storm Wind**

<table>
<thead>
<tr>
<th>Category Speed Surge Pressure (in.)</th>
<th>Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 74-95 mph 4-6 ft &gt; 28.94 Minimal</td>
<td></td>
</tr>
<tr>
<td>2 96-110 mph 6-8 ft 28.5 - 28.94 Moderate</td>
<td></td>
</tr>
<tr>
<td>3 111-130 mph 9-12 ft 27.91 – 28.49 Extensive</td>
<td></td>
</tr>
<tr>
<td>4 131-155 mph 13-18 ft 27.17 – 27.9 Extreme</td>
<td></td>
</tr>
<tr>
<td>5 &gt; 155 mph &gt; 18 ft &lt; 27.17 Catastrophic</td>
<td></td>
</tr>
</tbody>
</table>
6. Check List

HURRICANE/TORNADO/SEVERE STORM PREPAREDNESS CHECK LIST

STAND-BY (48 - 24 hours)

1. General housekeeping - all areas
2. Dispose of all possible trash - all areas
3. Dismantle scaffolds, signs, cranes, etc (Maintenance Mgr.)
4. Have vending machine companies completely fill all machines, secure key if possible (Office Manager)
5. Check Emergency Equipment
   • Flash lights, (maint)
   • Potable water, (maint)
   • Can food for employee (office)
   • Battery Operated radios or TVs (office)
   • First aid supplies (Health and Safety)
6. Coordinate movement of tankers, Notify Corporate (operation and office)
7. Check and secure all cylinders (lab and maint)
8. Notify Logistics about possible rerouting of scheduled waste pickups

WATCH (24 hours – 1 hour)

1. Move all items possible into buildings
2. Fuel all vehicles
3. Emergency phone checked out (office)
5. Potable water supply (maint.)
8. Check tank farm and storage vessels (operation)
9. All loading & unloading facilities secure (operation)
10. Hand brakes set on all vehicles (operation)
11. All exposed windows closed, equipment covered - all areas
   Clear all desktops to prevent scattering - all areas
12. All construction equipment secured, protected (maint.)
13. All buildings secured, miscellaneous material inside - all areas
14. List of personnel in plant - all areas
   Call off-duty personnel if needed
   Make a list of employees needed for the next stage; Emergency Coordinator, Plant Supervisor, Lab Tech, Operators, Mechanics
15. Notify incoming shift when to report
15. All mobile equipment inside or protected
17. Equalize tanks so no tank is completely empty (operation)
18. Halt all waste receipts
19. Remove any wastes outside onsite if possible
WARNING (8 hours - immediately)

1. Shut down all computers and lab equipment, Unplug
2. Assign duties to personnel in the plant
3. Send non-essential employees home
4. Send construction workers home (Maintenance Mgr.)
5. Tape windows in control center (maint)
6. Tape and secure the front office door (maint)
12. Shut down order for all units (operation)
   • Empty piping, if possible and desirable
   • Shut down utilities, boiler, air compressor
   • Shut down power to pumps, motor
   • Turn off main valve on incoming gas
   • Turn off electricity
8. Take roll-call for all personnel at the plant including visitors
9. Emergency food, water and safety equipment to control center as needed
10. Schedule Production & Maintenance workers after storm
11. Close storm drain valves (operation)
HIGH WIND CHECKLIST

Move the following inside;

Trash cans
Hazardous waste containers
Buckets
Loose fittings
Table & chairs
All drums
Poly totes
Absorbent containers
Stretchers
Traffic cones/barriers
Handcarts
Potted plants
All miscellaneous maintenance equipment
BBQ grill
Signs
Gauging Sticks used to measure tankers
Hoses
Tools

The following needs to be completed also;

Check building roof drains
All tanker domes secured
All box trailer doors closed
Chain all cylinders
Close all Building doors.
Move box trailers as needed
Remove all ladders from the facility and secure
Pick up miscellaneous debris through out the facility, (pipes, wood, shovels, etc)
Secure all equipment in construction compound.
Outside metal totes no more then 1 high
Outside pallets no more then 3 ft. high
Take down flags
SEVERE WEATHER PLAN

OPERATIONS

Purpose

To provide instructions on how to prepare for anticipated natural disasters such as hurricanes, blizzards, flooding, etc. where warning is provided and how to respond to unexpected natural disasters such as tornadoes, etc. where there is no warning.

Scope

This procedure applies to all U.S. and Canadian Clean Harbors/Safety-Kleen facilities.

Responsibilities

<table>
<thead>
<tr>
<th>Facility General Manager</th>
<th>Ensures the proper Clean Harbors/Safety-Kleen department or team is alerted to address the situation.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maintenance Manager</td>
<td>Ensures restoration of damaged tank farms, buildings, etc. to place facility in operation as soon as possible.</td>
</tr>
<tr>
<td>Compliance Manager</td>
<td>Ensures proper procedures are followed to address spills, environmental hazards, and safe clean up and provides any required Agency notifications. Notifies appropriate Clean Harbors/Safety-Kleen personnel to assist with natural disaster.</td>
</tr>
<tr>
<td>First Person on the Scene</td>
<td>Ensures no personnel are in danger, clears the area, and alerts facility management.</td>
</tr>
</tbody>
</table>

Definitions

<table>
<thead>
<tr>
<th>Hurricane Season</th>
<th>June 1st through November 30th of each calendar year. The peak period of activity is from August through October.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tropical Depression</td>
<td>A closed circulation of low atmospheric pressure, originating over tropical waters that blows counterclockwise around a center at speeds less than 39 miles per hour.</td>
</tr>
<tr>
<td>Advisory</td>
<td>Advisory messages are issued by the National Hurricane Center for all tropical depressions, tropical storms, and hurricanes at midnight, 6:00 am, noon, and 6:00 pm (eastern time). These advisories are supplemented at 3-hour intervals, when landfall is likely within 24-36 hours. An advisory gives details as to where the storm is located, its intensity, direction, and speed of movement. When the hurricane is 36 to 72 hours from the predicted landfall, the accuracy of the projected location is less than 25 percent (average margin of error is 200-400 miles to either side of the predicted landfall). At 24 hours, the accuracy of the predicted landfall is 35-45 percent (average margin of error is 100 miles). At less than 24 hours, the accuracy of the predicted landfall increases to 60-70 percent.</td>
</tr>
</tbody>
</table>
Tropical Storm  A closed circulation of low atmospheric pressure, originating over tropical waters that blows counterclockwise around a center at speeds ranging from 39 to 73 miles per hour.

Tropical Storm Watch  An announcement is made for specific coastal areas where tropical storm conditions pose a possible threat within 36 hours.

Tropical Storm Warning  A warning that tropical storm conditions, including possible sustained winds within the range of 39 to 73 miles per hour are expected in specific coastal areas.

Hurricane  A violent storm originating over tropical waters with sustained (constant) winds over 74 miles per hour. The winds blow in counter-clockwise direction around the center. Diameter of these storms may range from 100 to 1,000 miles. Hurricanes are further defined by the following scale:

<table>
<thead>
<tr>
<th>Storm Category</th>
<th>Wind Speed</th>
<th>Surge</th>
<th>Pressure (in.)</th>
<th>Damage</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>74-95 mph</td>
<td>4-6 ft</td>
<td>&gt; 29.94</td>
<td>Minimal</td>
</tr>
<tr>
<td>2</td>
<td>96-110 mph</td>
<td>6-8 ft</td>
<td>&gt; 28.94</td>
<td>Moderate</td>
</tr>
<tr>
<td>3</td>
<td>111-130 mph</td>
<td>9-12 ft</td>
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<td>4</td>
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</tr>
<tr>
<td>5</td>
<td>&gt; 155 mph</td>
<td>&gt; 18 ft</td>
<td>&lt; 27.17</td>
<td>Catastrophic</td>
</tr>
</tbody>
</table>

**Minimal Damage:** damage is done primarily to shrubbery and trees, unanchored mobile homes are damaged, some signs are damaged, no real damage is done to structures.

**Moderate Damage:** some trees are toppled, some roof coverings are damaged, and major damage is done to mobile homes.

**Extensive Damage:** large trees are toppled, some structural damage is done to roofs, mobile homes are destroyed, and structural damage is done to homes and utility buildings.

**Extreme Damage:** extensive damage is done to roofs, windows, and doors; roof systems on small buildings completely fail; some non-load bearing walls fail.

**Catastrophic:** roof damage is considerable and widespread, window and door damage is severe, there are extensive glass failures, and some complete buildings fail.

Hurricane Watch  Hurricane conditions are possible in the specified area of the Watch (typically designated by counties), within 24 to 36 hours. Preparations for the storm should begin at the time that the Watch is posted.

Hurricane Warning  The path of the storm is well defined. Sustained winds of 74 miles per hour or higher associated with a hurricane are expected in a specific coastal area in less than 24 hours. If the hurricane’s path is unusual or erratic, the warning may be issued only a few hours before the beginning of hurricane conditions.

Tornado  A rotating column of air ranging in width from a few yards to more than a mile and whirling at destructively high speeds, usually accompanied by a funnel-shaped downward extension of a cumulonimbus cloud.
<table>
<thead>
<tr>
<th>Natural Disaster</th>
<th>Any providential event that disrupts the facility from engaging in normal business. More than inclement weather, this natural disaster involves destruction of property, life endangerment, or any other danger to life or property.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utility Assessment</td>
<td>Immediate turning off of Electricity, Natural Gas or Propane, Water, or any utility that has the potential to harm or further damage by fire or explosion because of the natural disaster. This should be accomplished by the notification of the utility company.</td>
</tr>
<tr>
<td>Blizzard</td>
<td>Means that the following conditions are expected to prevail for a period of 3 hours or longer: Sustained wind or frequent gusts to 35 miles/hour or greater and; Considerable falling and/or blowing snow - reducing visibility to less than ¼ mile.</td>
</tr>
<tr>
<td>Blizzard Warning</td>
<td>Blizzard Warnings are issued when blizzard conditions are occurring or are expected to develop within the forecast period.</td>
</tr>
<tr>
<td>Flash Flooding</td>
<td>The two key elements are rainfall intensity and duration. Flash floods occur within a few minutes or hours of excessive rainfall, a dam or levee failure, or sudden release of water held by an ice jam. Flash floods can tear out trees/fences, destroy buildings, remove bridges and roadways, and sweep vehicles off the road. Flash flooding is the number one weather-related killer in the United States.</td>
</tr>
<tr>
<td>River/Creek Flooding</td>
<td>Flooding along rivers is a natural and inevitable part of life. Some floods are due to rapid spring snowmelt or spring rains. Others are due to torrential rains from hurricanes or tropical storms.</td>
</tr>
<tr>
<td>Coastal Flooding</td>
<td>Winds generated from tropical storms and hurricanes can drive water inland and cause significant flooding as part of the storm surge.</td>
</tr>
<tr>
<td>Urban Flooding</td>
<td>Urbanization increases runoff 2 to 6 times over what would occur on natural terrain. Concrete streets can become swift moving rivers and low-lying areas such as railroad underpasses can become deep ponds. Urban flooding intensifies as storm sewers become full or inlets become blocked by debris.</td>
</tr>
</tbody>
</table>
Overview

The pre-planning and response to a natural disaster should minimize danger and risk to employees. The containment and security of the facility is paramount to environmental stewardship and protection of Clean Harbors/Safety-Kleen assets. The main objective is to protect employees and restore the facility in order to continue operation in a safe and timely manner using the professional resources within the Clean Harbors/Safety-Kleen system. The procedures in this plan have been developed to guide the achievement of these goals.

General Procedures

1. During a natural disaster emergency, it is important to stay tuned to local radio and television stations for accurate and up-to-date information. All Clean Harbors/Safety-Kleen locations will have access to both forms of media. Keep an emergency supply of batteries on hand for the radio in the event of a power outage. Each location will use information obtained from the Local Emergency Planning Commission (LEPC), local health organizations and other relevant entities. The facility should consider creating a list of all resources of information and their contact information.

2. The first person to arrive on the scene of a natural disaster at a Clean Harbors/Safety-Kleen facility should assess the situation from a safe distance.

3. If a natural disaster event occurs during business hours, standard evacuation procedures should be followed.

4. As an event progresses, the Facility Manager and/or Compliance Manager should ensure that the specific procedures for that event are followed.
Blizzard Procedures

Blizzards are the most dangerous of winter storms. They produce high winds and heavy snow throughout much of the United States and Canada from December to March. Blowing and drifting snow can result in near zero visibility conditions. Wind chills can be life threatening. Do not travel in a blizzard unless it’s absolutely necessary. If you must travel, call the local authorities to see what condition the roads you are planning to travel are in. Monitor conditions on the radio. Always travel with a full tank of fuel, extra warm clothes including winter boots, and mitts.

Winter Preparation

During winter months, Clean Harbors/Safety-Kleen will operate as it normally does, however certain standard winter preparations are required before the onset of winter weather.

1. Winterize all vehicles - Vehicles must have properly operating heaters and defrosters. Radiator coolant (antifreeze) must be of sufficient concentration to withstand the lowest winter temperatures. Vehicle tires must have adequate tread. All emergency equipment required by Clean Harbors/Safety-Kleen policy must be carried on board every vehicle.

2. Snow Removal - Clean Harbors/Safety-Kleen facilities must either have snow removal equipment on site or they must make arrangements with snow removal contractors for plowing throughout the winter season. An adequate supply of salt or deicing chemical must be on site for clearing sidewalks, walkways, etc.

3. Winter Travel - Listen to local radio and television weather reports for updated winter weather information. Keep fuel tanks near full to avoid ice in the tank and fuel lines. Carry a windshield scraper and brush in the vehicle. Periodically clean headlights of accumulated salt, dirt, ice, and snow. Keep the windshield washer reservoir filled.

Before a Blizzard

If a blizzard warning has been issued, weather conditions will be carefully monitored. Each Clean Harbors/Safety-Kleen facility manager is responsible for monitoring weather conditions in their area. Drivers and route personnel shall be informed of the potential weather conditions. Routes shall be planned so that long distance driving is avoided.

In the event that a blizzard warning is issued while personnel are on the road, the facility manager shall contact each driver by cellular phone or other method to inform them of the warning and to instruct them to return to the vicinity of the facility. If a blizzard is imminent, all drivers shall return to their facility. Other precautions shall include the following:

1. Secure or bring indoors all lightweight items stored outdoors (empty drums, spill kits, etc.).
2. Refuel all route trucks.
3. Ensure there is an adequate supply of fuel for snow blowers and other snow removal equipment.
4. An effort should be made to empty tank trucks into appropriate on-site tanks.
5. Remove all waste from trucks and place in container storage areas or process through normal operational procedures.
6. Vehicles should not be parked in areas of critical snow removal such as entries and exits from the facility, in front of overhead doors, etc.
7. The facility manager shall notify the corporate office that a blizzard warning has been posted.

8. At the discretion of the facility manager, employees may be sent home.

During a Blizzard

Clean Harbors/Safety-Kleen employees are not to drive during a blizzard. Facility Managers must insure all personnel are accounted for. If a person is caught in a blizzard in their vehicle, the following procedures are mandated:

1. Stay in the car or truck. Disorientation occurs quickly in wind driven snow and cold.
2. Report your situation to your supervisor by cellular phone.
3. As you sit, keep moving your arms and legs to keep blood circulating.
4. Run the motor about 10 minutes each hour for heat. Open a window a little for fresh air to avoid carbon monoxide poisoning. Keep the exhaust pipe clear of snow.
5. Make yourself visible to rescuers; turn on the dome light and flashers when running the engine. Tie a colored cloth (preferably red) to an antenna or door.

Following a Blizzard

1. Conduct a facility inspection as soon as feasible.
2. Clear snow from all traffic areas including sidewalks, driveways, doors, secondary containment systems, tank level gauges, stairways, and loading docks.
3. Do not pile snow against security (perimeter) fencing.
4. Salt or de-ice all sidewalks.
5. Follow proper ergonomic precautions when shoveling snow.
Flood Procedures

Flooding can be caused by a number of factors, can take on many forms, and cause extensive property damage as well as loss of life. Flooding can happen at any time of the day or night and any time of the year, so advanced planning, common sense, and quick response are the keys to survival.

Before a Flood

Preparations for a flood event at a branch facility should be made and discussed with all personnel as part of an employee safety meeting at least once each year. Preparations include:

- Identifying if the facility is located in a flood plain. If so, identify the flood stage level at the site. Note: most Clean Harbors/Safety-Kleen facilities are not located in a flood plain.
- Looking for sources of flooding such as creeks or rivers near or adjacent to the facility.
- Making sure the evacuation routes are above the flood stage and away from rising creeks and rivers.
- Make sure all files and pertinent items are stored on racks above any potential water level in the buildings at the branch.
- Making sure all storm sewer inlets are not blocked and free of debris.

If the Clean Harbors/Safety-Kleen branch is in an area susceptible to flooding, obtain and keep on hand the following items:

A battery operated radio, flashlight, and extra batteries. Also, keep a highway map nearby to follow storm movement from weather bulletins.

Monitor local radio broadcasts when conditions for severe weather exist in your area. National Weather Service watches and warnings are also available on the Internet. Go to www.nws.noaa.gov for weather services. When a watch is issued, be aware of any sudden change in weather conditions. When a warning is issued for your area, move to higher ground as quickly as possible. Depending on the predicted severity of the flood, Branch Management may choose to lease a satellite phone to ensure communications should other phone service become unavailable. Contact the Clean Harbors/Safety-Kleen Telecommunications Department for assistance.

Following a Flood

The following items must be conducted following a flood event impacting your area:

1. Identify any injuries as a result of the event leading up to the flooding such as a tornado, severe thunderstorm, etc...and address as necessary.

2. Do not enter the flooded areas as electrical shock hazards could exist or fast moving currents could be present which could sweep an individual downstream. Evaluate the extent of the damage from a practical location. Make notifications of the event to 3E, and local authorities as necessary. A call should be made to Engineering as soon as possible if structural damage to the site exists.
3. The GM and/or Emergency Coordinator should conduct a damage assessment to include all physical structures of the site, as well as vehicles, and fencing/security equipment. The GM must also inspect the area for materials which have been deposited at the site from upstream locations due to the fast moving water. Be aware that a severe storm could cause damage to overhead power lines and avoid approaching any area where downed power lines are present.

4. Should any waste handling/storage area be directly impacted, implementation of the contingency plan may be necessary. However, remediation or recovery of spilled materials or drums should only be conducted when the area has been deemed safe for employees to enter.

5. Conduct an inventory of wastes and products in drums and tanks. Also conduct an inventory of any items deposited at the site from off-site locations. A comparison should be made to the pre-flood inventory and any discrepancy reported immediately to the Compliance Manager.

6. In the event that perimeter fencing is damaged such that un-knowing entry of unauthorized personnel can not be controlled, the GM must schedule at least one employee to remain on site until security to the site is restored.

7. Notifications to the AC/DC may be warranted to remove waste materials from the site. Also, any pre-scheduled shipments of inbound product should be postponed until it has been determined that it is safe for delivery to resume.

8. Initiate clean up, and recovery operations
Hurricane Procedures

Normal Operations (Hurricane Precautions)

Clean Harbors/Safety-Kleen facilities will operate for the most part as they do outside of hurricane season. However, the following actions are required:

1. Eliminate excess landscaping debris from site routinely and remove any dead or overhanging trees.
2. Repair any loose downspouts or other loose building components.
3. Any extra drums (clean and empty) maintained outside of the facility structure must be kept to a minimum.
4. Verify that all emergency equipment (fire, safety, etc.) is in working order. Obtain a battery-powered radio and flashlight, and keep a supply of fresh batteries on hand.
5. Maintain a current list of employees with home addresses and telephone numbers. Try to determine where each employee plans to ride out the storm. Give each employee a call-in number for the branch (Facility Manager cell phone or facility number) in the event that branch operation is disrupted.
6. Establish a “return to work” procedure. Because telephone communications may be disrupted, the call-in number established above may be inadequate. The facility may choose to follow the same return to work schedule as county and local municipal employees (this information should be readily available via television or radio).
8. Designate a person who will be responsible for contacting customers if facility operations will be interrupted due to hurricane activity.

Hurricane Watch

The primary activity at the branch during a hurricane watch is storm preparation. Non-essential personnel may be released from work at the discretion of the Facility Manager.

It is very likely that the facility will be contacted by the local regulatory agency after a Hurricane Watch is posted to see how preparation activity is proceeding. In the absence of the Facility Manager, the Emergency Coordinator or designee will perform the emergency duties of the position. If a hurricane watch is declared on a holiday, weekend, or night, the Facility Manager will notify essential personnel to discuss action to be taken.

In an effort to take advantage of the available manpower, most storm preparation work at the Facility must be conducted during a Hurricane Watch (an employee is excused from work once their county of residence is placed under a hurricane warning). This work includes the following:

1. Facility Manager will notify Clean Harbors/Safety-Kleen Corporate Headquarters in Norwell, MA of the Hurricane Watch and the likelihood that a Hurricane Warning will be posted.
2. Prepare battery-operated radio and other equipment to be used in the case of a power outage.
3. Complete clean up of facility property. All empty drums, containers, trash containers, chairs, spill kits, etc. should be brought inside the facility structure.
4. Discontinue all waste/product pick-ups and deliveries. Notify customers of schedule changes, if applicable.

5. Ensure any areas which may be exposed to rainwater are clean; clean outdoor loading/unloading areas and secure filling nozzles.

6. Ensure propane tank cages are secured; roll-off boxes should be removed or secured with tarp.

7. Any on-going projects under construction require special consideration. Further review with the contractor will be made.

8. Trucks should be re-fueled prior to the storm in the event that fuel station operations are interrupted. This should allow the trucks to operate for a day or two after the storm passes.

9. After trucks have been emptied of all wastes, they should not be re-loaded if the truck is to be parked outdoors during the storm. Ensure lift gates are secured, ensure side compartments are secured.

10. A full effort should be put forth to empty all tanker trucks (oil and vacuum services) into facility storage tanks or rail cars at the local BIDS Terminal.

11. Once all clean/empty containers have been brought into the facility structure, an attempt should be made to bring as many containers on vans/trucks inside the building. Aisle space associated with waste drum storage becomes a secondary issue during storm preparation. Any trucks remaining outside should be in containment, or parked as close to the building (especially doors) as possible. Tanker trucks that could not be emptied may be parked in secondary containment (tanker pad, etc.), but rainfall amounts associated with the storm void the containment capacity. If possible, the trucks should be parked in a manner that limits windshied exposure to flying debris.

12. Once as many trucks as possible have been off-loaded, a final inventory of all waste containers in the various storage areas of the warehouse should be conducted and documented on the facility inspection sheets. An inventory of liquid products (lacquer thinner, aquaworks, etc.) should also be conducted and documented.

13. Final volume readings for the waste tank(s) and product tanks should be taken and recorded on the facility inspection sheets.

14. If time permits, all outstanding waste paperwork for the day should be entered into WIN. Once data entry has been completed, all computers, monitors, printers should be disconnected and moved to an interior room (i.e. locker room) of the facility building. Computers may also be wrapped in plastic and rope/tape.

15. All critical paperwork (pre-prints, manifests, customer files, etc.) on desks and in offices should be secured in file cabinets, desks, or watertight containers. Because the facility will likely be unable to cover window openings, it should be assumed that windows would be broken during the storm. File cabinets, computers, printers and handhelds may also be wrapped in plastic and rope/tape. If the strength of the storm exceeds the structural integrity of the facility, move all electronics to a secured site or Clean Harbors/Safety-Kleen Distribution Center.

16. Banker boxes of archived records (especially those maintained on second floors of branches or in areas with windows) should be palletized and shrink-wrapped in an effort to preserve them.

17. If it is possible to cover window or door openings, this work should be initiated. Although its value is disputed, the facility may want to tape windows if they cannot be covered.
18. If possible, schedule solvent and waste tankers in a manner, which would allow the maximum volume of liquid to remain in the storage tank. The structural integrity of a tank increases with content volume. Camlock all ends of hose fittings and turn off valves at the storage tanks.

19. Turn off natural gas and main electrical breaker.

20. After all preparation has concluded (or sooner if weather deteriorates or a warning is posted), all employees should be sent home and the facility should be secured.

Hurricane Warning

As stated previously, all employees are excused from work (State regulations) if their county of residence is put under a Hurricane Warning. As such, no employees are expected at the branch during a warning. However, the Facility Manager or other key personnel may be available to perform some last minute activities. These include:

1. Notifying the Clean Harbors/Safety-Kleen Corporate Headquarters in Norwell, MA that a warning has been posted.

2. Walk-around of the facility to ensure that all preparation work conducted under the Hurricane Watch has been completed.

3. Completion of any remaining preparation work that was unfinished prior to dismissing employees.

4. Contact the Clean Harbors/Safety-Kleen Telecommunications Department to lease a satellite phone to assist in emergency operations should other phone service become unavailable.

Following a Hurricane

After the storm has passed, it is likely that there will be much confusion and disorganization in the area, especially if the storm was a Category 2 or above. Electric service and phone service may be disrupted for extended periods of time. Flooding and downed trees may block roads. Homes and businesses may be badly damaged or destroyed. Depending upon the intensity of the storm, the following actions are recommended as soon as conditions permit:

1. Employees should follow the pre-established procedures (phone-in, following local government employee guidelines, etc.) for returning to work.

2. The Facility Manager and/or the emergency coordinator should be the first people to enter the building. Check for security of premises. Determine if there are any safety issues (downed electrical lines, etc.) that pose a risk for employees. Inspect for any looting or theft. Generate a detailed list of all damages.

3. The Facility Manager, or his designate, will perform an immediate inventory of wastes and products in drums and tanks. This inventory should be compared to the pre-storm inventory. Any discrepancies should be reported immediately to the Compliance Manager.

4. Initiate clean-up of site. Move vehicles outside. Reorganize warehouse to restore product and waste staging along with aisle spacing.

5. Contact appropriate contractors if heavy equipment will be needed to clear site.

6. Contact the RC/DC to schedule a waste pick-up if the regular route was cancelled due to the storm. U.S. Only: Any transfer waste drums that exceeded (or will exceed) the 10-day storage limit should be communicated to the Compliance Manager.

7. All facility inspections should be resumed immediately.
Tornado Procedures

Before a Tornado

In southern States, peak tornado occurrence is in March through May, while peak months in most northern States and provinces are during the summer. When a tornado is coming, you have little time to make life or death decisions. Advanced planning and quick response are the keys to surviving a tornado.

Preparations for a tornado at any facility should be made and discussed with all personnel as part of an employee safety meeting at least once each year. Preparations include:

Identify the most likely and safest place for employees to gather in the event a tornado warning is announced in your area. This will be a center room, closet, bathroom, or hallway on the lowest floor of the facility. Keep this space uncluttered. If your site does not have adequate substantial cover, local management must take steps to coordinate with neighboring businesses (who have adequate cover) for our employees to join them in a tornado warning. An evacuation of site personnel to this location may be necessary. Administrative employees should bring the visitors log and perform a "head count" once the designated area has been reached.

If caught outdoors when a tornado is threatening, seek shelter in a basement or a sturdy building. If one is not within walking distance, try to drive in a vehicle, using a seat belt, to the nearest shelter. If flying debris is encountered while in a vehicle, there are two options: 1) staying in the vehicle with the seat belt on, keeping your head below the windows and covering it with your hands or a blanket, or 2) if there is an area which is noticeably lower than the roadway, lie in that area and cover your head with your hands.

Conduct frequent tornado drills, especially during the peak season in your area.

Obtain and keep on hand the following emergency supply items for your location:

- Battery-operated radio;
- Flashlight and extra batteries; and
- A highway map nearby to follow storm movement from weather bulletins.

Know ahead of time what the local warning signals (Civil Defense System or otherwise) for severe weather sound like, which indicate an imminent hazard. Take cover in the designated location of your site immediately upon the broadcast of this signal.

Monitor local radio broadcasts when conditions for severe weather exist in your area. National Weather Service watches and warnings are also available on the internet. Go to www.nws.noaa.gov for weather services. When a watch is issued, be aware of any sudden change in weather conditions, such as strong winds or blowing debris. When a warning is issued for your area, take cover immediately. Contact the Clean Harbors/Safety-Kleen Telecommunications Department to obtain a satellite telephone so that communications can be maintained should other phone service become inoperative.

Following a Tornado

The following items must be conducted following a tornado event impacting your area:

1. Identify any injuries as a result of the storm and address as necessary.

2. Make notifications of the event to Clean Harbors - Emergency Operations Center (CH - EOC), and local authorities as necessary. A call should be made to Engineering as soon as possible if structural damage to the site exists.
3. The GM and/or Emergency Coordinator should conduct a damage assessment to include all physical structures of the site, as well as vehicles, and fencing/security equipment. Be aware that a severe storm could cause damage to overhead power lines and avoid approaching any area where downed power lines are present.

4. Should any waste handling/storage area be directly impacted, implementation of the contingency plan may be necessary. However, remediation or recovery of spilled materials should only be conducted when the area has been deemed safe for employees to enter.

5. Conduct an inventory of wastes and products in drums and tanks. A comparison should be made to the pre-storm inventory and any discrepancy reported immediately to the Compliance Manager.

6. In the event that perimeter fencing is damaged such that un-knowing entry of unauthorized personnel can not be controlled, the GM must schedule at least one employee to remain on site until security to the site is restored.

7. Notifications to the AC/DC may be warranted to remove waste materials from the site. Also, any pre-scheduled shipments of inbound product should be postponed until it has been determined that it is safe for delivery to resume.

8. Initiate clean-up
Attachment B
STORM EMERGENCY CONTACT SHEET AND PLAN
DISTRIBUTION LIST
STORM EMERGENCY CONTACT SHEET AND PLAN
DISTRIBUTION LIST

Storm Emergency Coordinators

Primary: Richard Williams, Operations Manager
         Cell phone #: (781) 913-0722

1st Alternate: Stephen Ganley, Facility General Manager
               Cell phone #: (617) 962-4777

2nd Alternate: Wayne Alfone, Maintenance Manager
               Cell phone #: (781) 953-4431

See facility Contingency Plan for other emergency phone numbers and contacts
Attachment C
FACILITY SITE PLAN FOR SHELTER-IN-PLACE LOCATIONS
APPENDIX

The below text represents the complete written and spoken questions and concerns the Braintree Town Council received between February 17, 2023 and March 3, 2023. For ease of answering in this report, duplicative questions were combined in the body of the report.

Health Risks/Air Quality/Safety

We encourage you to request an immediate and full health hazard evaluation of the Clean Harbors site and surrounding neighborhoods by the Massachusetts Departments of Public Health and Environmental Protection to ascertain the cause and the possible consequences for human health of this event.

We encourage you to work expeditiously with the Massachusetts Department of Environmental Protection and the Bureau of Environmental Health of the Massachusetts Department of Health to perform an immediate and comprehensive investigation of this explosion and fire.

This investigation should include the collection of samples of soot and surface soil, and an interrogation of all air quality monitors within the Fore River Basin. Sensitive individuals or those with high levels of exposure – such as firefighters and other emergency personnel -- should have baseline health testing and follow-up. An evaluation of evacuation plans for the area should be reviewed.

What chemicals/materials were burned and/or released to the environment and what were the quantities?

The causes and consequences of the Clean Harbors fire need to be thoroughly investigated.

Calling for a root cause analysis of the Clean Harbors explosion.

Why doesn’t Braintree have more air quality monitors?

Asking for immediate and ongoing air quality, soil, and water testing, and to publish the results of all of those tests. (no one is actually checking that the playgrounds our children play on, the vegetables we grow in our gardens, and the water that we swim in is safe from the chemicals that are being released every day from the industry sandwiched into the Fore River Basin.)
A collaborative approach from state officials to address and mitigate the industry-related health risks for the community as a whole, with special note of the environmental justice designations.

What other compounds were in the waste methanol?
- As with the possibility of an emergency at the compressor station, why was there no coordinated effort to alert residents of the fire and possible dangers? We know that there is NO evacuation plan in any of the three Basin communities. We know that quick and safe evacuation is not even possible from the 1990 report on the Clean Harbors Waste Incinerator plan.
- Will there be a follow up by public health officials as to the possible harmful effects of the particulate matter spread by the fire? Our Purple Air monitors and the DEP’s monitor all picked up dangerously high levels of PM2.5 (particulate matter 2.5 microns) and VOCs (Volatile Organic Compounds) at the time of the fire. Whether or not the the VOCs are of concern, the PM2.5 certainly is. Our communities have the right to know their exposure risks and if there are things they need to be watching out for with their health and the health of their children, loved ones, and even pets.

I would like follow up by our public health officials as to the possible harmful effects of the chemicals and hazardous material spread and to make these findings available to the public.

**Hazardous Materials Officer**
What kind of training experience qualifies a firefighter for the position of Hazardous Materials Officer?

**Air Modeling Study**
What is an air modeling study?

Can you characterize what you hope this study will identify or determine in particular?

Has any progress been made toward hiring an appropriate firm to conduct the study? What credentials are being sought?

How critical is the amount of elapsed time between when the fire took place and when the study begins to the overall accuracy of the study?
How long will it take to complete the study?

Who will be responsible for explaining the implications of the study to residents who may not have a background in chemistry or environmental science?

Depending on what the air modeling study shows, to what extent is Clean Harbors prepared to conduct clean-up efforts to mitigate toxic exposure to residents in the Fore River Basin?

The air monitor – when was it first on site?

We need the DEP results on air monitoring across the river from the station that night.

We request Clean Harbors put up permanent air monitoring systems.

Are we now in contaminated land?

A regional plan must be put in place to monitor all of the industries clustered so closely together in the Fore River Basin. It is clear that each town handling only the industries in their own towns is not working and is not safe for the public. The air quality monitors in the Idlewell neighborhood of Weymouth spiked over safe limits during the Clean Harbors fire. Braintree, Quincy and Weymouth must collaborate with the state to form a monitoring program that would know exactly what chemicals and in what amounts are located at each facility. Not just Clean Harbors but Citgo, Calpine, Twin Rivers, Enbridge compressor station, MWRA sewage treatment plant, Pelletizing Plant, and Sprague. This monitoring program would also be able to review safety/fire hazards with regular on-site visits with records of each visit at each of the industries. There must be full disclosure to the public as well.

Clarification on the actual deployment of air quality monitors on site during the incident timeframe.
How many meter readings were administered during the fire incident? 
Where were the meters located? Were they hand held or stationary, or both? 
Who was in control of the meter operations utilized during and after the event? 
Were meter readings administered during the entirety of the fire event?
Has there been continuing monitoring of the expanded area around the Clean Harbors site, particularly in the abutting residential areas of the Fore River Basin? Is there an independent or DEP review of the hazardous material fire event regarding the air quality and monitor readings?
Guidelines/Procedures/Evacuation Plans

Crisis Communication

c. Please provide a copy of the Town's crisis communication plan and crisis response plan.
d. Which Department(s) is responsible for overseeing the crisis response plans? How often are they reviewed and updated?
e. What is the role of BEMA?

Did Clean Harbors follow their own guidelines for storing these materials? If not what guidelines were not followed?
Was human error involved in causing this incident?
What type of procedures and/or systems will Clean Harbors implement to prevent this type of incident from occurring again?
Does Clean Harbors have material data sheets onsite and posted on a “right to know” basis for all the chemicals/materials that were involved in this incident?
How was this information made available to the Braintree Fire Department and all potential first responders, before and during the fire.
What remediation does Clean Harbors recommend for their property and the public property impacted by fire?

Braintree Contingency Plans - better plans could be developed with all of the three town facilities included.

An emergency evacuation and communication plan involving Massachusetts state agencies and officials from Braintree, Weymouth, and Quincy.

Emergency evacuation drills for ongoing tests of our systems to ensure effective evacuation and communication plans are implemented

I would like to suggest that BEMA (working with state and local officials) develops an evacuation plan.

Request an independent safety study done for the whole Fore River Basin.
What is Braintree's plan to evacuate the town.

Where can residents locate the evacuate plan?

Where is the evacuation route? I have never seen any signs in town identifying an evacuation route. Where are these signs?

Are our schools practicing for evacuations in case there is an event at the compressor station?

Documentation of security standards in place to protect their operations as part of Homeland Security measures.

Clean Harbors to ensure steps are being taken as to the prevention of similar incidents, and as to how any environmental concerns are being addressed. I have spoken with many residents of the surrounding area, and understand the fear, apprehension, and disappointment they feel about this incident, the notifications they received, and the uncertainty around future incidents. Emergency preparedness around similar issues, and proper safety planning as to any future major incidents.

We urge you to work with the Massachusetts Department of Environmental Protection to pursue a root-cause analysis of this explosion, to push for tighter regulatory oversight of the Clean Harbors facility, to monitor the health of those affected by this chemical explosion, and to develop a comprehensive evacuation and emergency plan response plan for residents of the Fore River Basin.

When will the Basin communities--with assistance from the Massachusetts Emergency Management Agency--finally issue a comprehensive plan of safety, communication, and evacuation for our residents? Or simply admit that we are a "sacrifice zone" for industry? None of the communities issued a reverse 911 during or after the fire.

Where is the town’s emergency plan? Who has updated the plan and maintained annual reports?

Do we have records or documentation regarding citations? Are there any citation reports on file regarding Clean Harbors, Tire Place on Wood Road, Transfer Station, Gas Tanks etc.
Has the Town ever performed a mock drill/response for residents? How do residents know what to do and or where to go in the event of an emergency? If an evacuation had been executed last week would residents have known the procedures/process?

Has the BOH Director and the BOH staff attended formal trainings regarding emergency responses involving hazardous waste?

Do we have an updated list of trainings attended by the BOH staff?

Going forward, perhaps a mock emergency response event might me something the town should facilitate.

Are the BOH staff prepared and trained to respond to chemical spills, chemical exposure and or fires? Are the residents protected and informed about safety planning within the community? Where does the Director of the BOH stand by way of current trainings and licensure?

Clean Harbors should investigate trailers as they come in.

Need Evacuation Plans and Comprehensive Plan

Placards melted off the trailers. There should be paper copies in the office as well.

This is a multi-town event. Towns should work together.

We need a pro-active plan from Clean Harbors.

I would like to best understand what pre-event or contingency planning steps were taken to prepare Clean Harbors and the Town’s public safety and public health department for an event like the 2/17/23 fire.

Was there pre-planning or regularly scheduled readiness reviews involving Clean Harbors and the Town for Emergency Event responses and co-ordination?

To what extent does there exist documented guidelines to address air quality testing and potential hazardous airborne chemicals that have or may have the potential to be released into the air on the scene of a fire suppression response by Braintree Fire Department?
**Public Notification**

We should get robo calls to tell us to close our windows.

Are the residents protected and informed regarding potential hazards, risks and response procedures?

When there is a fire involving hazardous materials, do we have a policy identifying which circumstances would trigger a broad public notification?

How is the extent of the danger to the public measured to determine a need to issue a public alert?

I would like to suggest implementation of a town-wide emergency communication system to notify residents of any and all future situations -- no matter the time or day;
**Hydrants**

**Fire hydrant and water pressure**

f. Paragraph 1 on page 2 of the Fire Report states there was "difficulty finding a working hydrant", which "greatly hindered firefighting efforts". Who was responsible for the non-working hydrant(s) - the town or Clean Harbors? What is the corrective action, when will it be corrected, and who is paying for it?

Are fines being imposed for non maintenance of fire hydrants?

More fire hydrants on Hill Ave

Large Capacity water main on Hill Ave

Working hydrants near Quirk

Why no one from the Water Department is here? Who is responsible for testing hydrants. When was the last time hydrants were tested in that area?

Why were hydrants not working?
**Water Pollution**

Is there a gate or valve on the containment area that the water (used to extinguish the fire) was captured in? If so, was the gate closed before the fire or after the fire had started? Is there “lock out tag out” procedures on the gate? Is it documented when the gate is opened and closed?

Can flows from this area discharge to a receiving water?
Did contaminated water from this area discharge to a receiving water?
Is any part of this containment area pervious and/or structurally deficient?

There are many additional questions about the containment effort. Residents were told the fire water was contained on site and recovered. By whom, and what methods were employed? Is there footage of that recovery operation? The area is positioned directly next to the Fore River Basin, where “clammers” and “eel fishers” could be seen later that same day in the Basin. To date there are no notices or signs regarding any type of investigation into testing the quality of the water. Should anyone be eating anything from that water directly following a blazing chemical fire?

Can you describe the process that was used to prevent contaminated water from being allowed into the Fore River?

What will be (or has been) done with the water now that it has been collected?

Will the area/containment system used to collect the water be cleaned so that the next time that water collects through that system, there will be no residual contaminants accidentally discharged into the river?

How do you know you captured all the water?

I would like you to introduce and support a water quality protection ordinance.
14. Fire Station HQ Renovations
   a. Please provide an update as to when the BFD HQ renovation will begin and the timeline for completion. The Council has approved more than $12 million for the renovation over the last 5 years, and it appears as though progress is stalled. In the interim, firefighters continue to live with outdated decontamination equipment, including utterly inadequate personal decontamination showers and bathroom facilities. The last time I toured the station, there was only one shower for men and one shower for women, which wasn't even in the women's living quarters.

15. Firefighter gear and gear replacement costs
   a. With the BFD HQ renovation outstanding, has the gear that was used at the haz.mat. fire been properly treated and/or cleaned to protect the fire fighters and station's living quarters?
   b. Does the gear used at the haz.mat. fire need replacing or is additional gear/equipment required? If so, I offer a suggestion that Clean Harbors be responsible for financing the replacement.
   c. I understand the professional standard is for firefighters to have two sets of gear; please confirm all of our fire fighters have two sets of gear.

16. SOP at Clean Harbors
   a. Was it permitted for Clean Harbors to leave hazardous waste inside trailers that are not secure and without fire protection? What is the corrective action, when will it be corrected, and which agency is responsible for ensuring compliance?

Do our fire fighters have every access to protective gear to fight these hazardous waste fires?

Is Clean Harbors reimbursing the town for the cost of fighting this fire.

Compensation from these industries for the costs of protecting all aspects of the community from their operations.
They should excavate the site, remove all contaminated soil and incinerate it or dispose of it accordingly!
No one can say the contaminated water is contained!! Because it's not!
The residences in the affected area should be personally warned NOT to grow vegetables or have their children play on or around the land affected by this accident!
Is there a list of contaminants available, please? There should be. This should be placed on the Braintree Town's website! (Open and full disclosure)
Is the EPA and DEP involved?
Who is monitoring the housing of these chemicals?
Did Braintree know that combustibles were being stored in the trailers?
Is there paperwork (Manifest) of the origin of these chemicals?
Where did they come from?
Where were they going?
What are in the trailers?
What quantity of chemicals are being stored?
Why are they here?
Which jurisdiction does the monitoring of this site come under? Is it health? Is it Building?
Clean Harbors should be held accountable.

Do you have any updates or know if the town will be giving us any updates on the fire and cleanup?

A proliferation of industry polluters have been allowed to operate in the Fore River Basin by Mass state officials. What is the level of oversight on all these operations?

Is it compliant for Clean Harbors to store flammable toxic waste materials in vans that are parked near barrels full of fuel, which happen to be stored next to a gas tank farm?

Residents are asking what precautions are in place to prevent the next chemical fire from spreading to the Citgo gas tank farm, The Braintree Electric Light Department, the fertilizer processing plant, the MWRA, Twin Rivers, and the Enbridge compressor station. What inspections have taken place?

When was the last time these industries updated their emergency evacuation and response plans, and who is responsible for making sure that happens? One of the current plans mentions Quincy Hospital, which ceased most of its operations in 2014, and ended its emergency room functions in...
2019. Some of the emergency plans do not reflect the dangers of the compressor station, despite its completion in 2021.
This meeting should have been the time where the DEP could have presented information about theirs and others investigations. Can you please provide me the methods, procedures and results of any information that was given to town officials that night on toxic air pollution concentrations. Please provide me a copy of any documentation regarding this issue and an explanation as to how any fire department should determine toxic air concentrations as they fight a hazardous material fire. The DEP should not be relying upon Clean Harbors, their consultants and lawyers to be managing the investigation. Does the governor know that if more trailers were involved, especially the one with highly flammable fuel, this event could have been closer in scope to the East Palestine disaster? I believe a significant amount of the liquid hazardous waste was vaporized and released to the air or converted to possibly more hazardous substances in the floating ash. Are you aware of NIH studies on air pollutants during combustion of building materials and the high readings of basic carcinogens like benzene, etc. that can occur in the air plume? Are there any studies on the open burning of Hazardous solvents and paints? Could information from East Palestine be used to do some approximations? Back to the release, which I believe was not correctly reported to coast guard, EPA and DEP. How much liquid was in the trailers. That should be the starting point on the basis for the release, until Clean harbors can prove otherwise. How much floating product is sitting in the 400,000 gallons of water sitting on the site, how much of the released materials or toxic soot is dissolved into the water? A lot of these questions should have approximate answers now and the public should be informed. Why isn’t the state informing the public as to the details of the investigation.
1. Was Mr. Murphy at the Braintree town meeting the other night and available with permission from his supervisors to provide answers during the time allotted to the DEP for response to citizens’ concerns?

2. Did Mr. Murphy actually arrive at 11:30 pm? How long was that from when the fire first started or from the time the first alarm was sounded?

3. Was Mr. Murphy the DEP staff member that gave advice to the Braintree mayor and the chief that the air pollution emanating from the fire was safe to breathe? Please identify other DEP personnel present at the site that night.

4. Did Mr. Murphy or other DEP personnel onsite take into account any interferences posed by weather and smoke conditions when he reported the results of the 0.8 PPM max from his multirae multigas meter.

5. Did Mr. Murphy or other DEP personnel or the PRP take air samples to corroborate his results and are those analyses from him or the PRP available? If not why are they not reported and available on the database more than two weeks later? May I please obtain results of any air samples taken per EPA approved sampling and analysis methods, ASAP.

6. When Mr. Murphy or other DEP personnel declared safe the ambient air surrounding the firefighters upwind from the fire, did he caution the mayor that his assessment should only be applied to the firefighters and not for any Massachusetts citizens located downwind (I assume that would be in the southeast direction) and in harm’s way from the toxic cloud of smoke and VOC’s emanating from the fire!

7. Did Mr. Murphy or others take samples from various parts of the toxic cloud, as close to the source as possible and during various times, especially when the fire was producing the most toxic smoke. This would also need to be in several residential locations immediate downgradient and not necessarily in East Braintree, possibly in the Idlewell or north Weymouth sections of Weymouth. Were these results relayed to the appropriate town officials in an expedient manner?

8. Has this practice of commingling incompatible hazardous wastes on a trailer been completely investigated for Clean Harbors and other transporters?

9. I may have other questions based on your response to this inquiry and my review of additional information.

10. I have called the DEP office and the Weymouth fire department other times, but it seems like this morning was especially favorable for the generation of substantial ground level ozone in North Weymouth. I noticed the sensations associated with this type of event around 7 AM this morning. I believe this is caused from the non-point sources, plus the point sources; two power plants, the twin rivers facility, the fuel terminals and the MWRA pelletizing plant. Is the air monitoring in the basin sufficient to track this issue, which seems to happen on rainy or cold or foggy days. I can only imagine the impact of the toxic cloud on this neighborhood and citizens health during such similar conditions on the night of the fire.
Is the current level of monitoring sufficient to track the air pollution from non-point sources and point sources in the basin, in any wind direction, at any time, especially as the ozone issue is a transient one. I would say no to this question as I have not been notified or aware of any results publicized on this issue. Can we address how to assess this greater issue for the residents of Weymouth, Braintree and Quincy. I believe Environmental justice would be better served if the synergistic effects of all the pollutants entering the basin are addressed in spite of what your guidance or limitations in regulations allow you to do.

11. As I indicated yesterday, please let me know if there are other more senior staff who should be addressing my questions. Also, has the DEP reviewed this incident, other incidents similar to this one and the East Palestine, Ohio incident and modified its procedures and training for emergency personnel’s response to future incidents?

12. How will we be notified of any emergency incidents or releases in the basin, where will we go to evacuate and how will we get there in time to avoid any conflagration. There is a 100 year old woman three houses down from us. How will she evacuate? Who is protecting us from the point sources?

13. Can we plant vegetables in our garden this spring, and will the state hold clean harbors to their promise to replace peoples soil if contaminated by the toxic ash? My neighbor witnessed black soot running out of his drain spout and onto his lawn after the fire.
1). In the Clean Harbors of Braintree (CHB) Contingency plan (Aug. 2022) it was noted the name of the Braintree Chief of Police was in error and listed Chiefs from years past. While the Town received an updated contingency plan Feb. 28, 2023 (with Chief updated) after the facility fire, the following questions apply:

   a). How did the Police Chief oversight occur?
   b). How often is this document updated?
   c). Does CHB have a procedure for analyzing this, or is it just to complete a check box?
   d). Being administrative, what is the Town of Braintree’s oversight of this CHB plan?

2). In the document mentioned in item 1, there exists the following:

   5.4 Fire Alarm and Control System

   The plant emergency alarm system will give an audible fire alert signal to all employees located onsite and will instantly alert the Braintree Fire Department by electronic means.

   Several local abutting residents mentioned (Feb 28, 2023 Council Meeting (Meeting)) they had no idea of a fire at the facility. Several mentioned they had windows open.

   Why would a resident living close to this facility not hear CHB’s audible alarm? Does an audible alarm exist onsite? Is there evidence this alarm was triggered?

3). How often does CHB perform emergency drills at this location? When was this last completed?

4). Was the Board of Health notified of the fire at the time of the fire? When were they notified afterwards?

5). The Council was provided with photos of CHB vehicles and trailers located throughout the nearby Quirk property. Would the storage of these vehicles on that property:

   a). Be considered an expansion of the licensed CHB facility?
   b). If, as described by CHB (Feb 23 Council Meeting) the trailers that combusted contained unknown hazardous material, what are the chances these stored vehicles also contained unknown material?
   c). If there is a response to item 5b, how would you know?
d). Was DEP and other state or federal agencies aware of the expanded storage of these vehicles?

6). CHB discussed the capture of post-fire “surround and drown” (per Braintree Fire Department (BFD) Chief at the Meeting) water runoff. While there was a discussion (Meeting) of 15 each @ 22,000 gallon storage tanks, what is the high water saturation mark for this storage? If a future post-fire runoff exceeded the high water mark, what happens after that?

7). CHB mentioned there was a local CHB representative at the fire within minutes. Why then did BFD Personnel use water on a hazardous material that required something other than water?

8). Why is there no alternate means of fire suppression external to the brick and mortar buildings available for BFD? How often is the CHB internal fire suppression system analyzed?

9). There was mention of the Coast Guard performing Air testing from the waterway nearby CHB’s facility. What air testing did they perform and how did they know to perform air quality testing?

10). Mike Foley mentioned (Meeting) there was a material in the storage trailer that combusted that was not what was believed to be in storage. What method does CHB employ to confirm contents of received hazardous material?

11). Why would CHB not know whether this material was combustible or not?

12). Was Town Council leadership notified of the CHB fire on the evening of the actual fire?

13). Does BFD perform emergency drills with CHB at this location? Perhaps even a paper drill?

14). What organization is responsible for analyzing “cinder flow” and location analysis while the hazardous fire was being “surrounded and drowned”?

15). There was mention (Meeting) by the BFD Chief that notifying Citgo (Tank Farm) personnel is a “mystery” (my word, not the BFD Chiefs word). Why does this situation exist and what is the Town response to this?

Fore River Basin/Clean Harbors Questions
Health Risks: Air, Land & Water Quality

- Exactly what chemicals and in what amounts are located at each facility in the Fore River Basin?
- Why doesn't Braintree have more air quality monitors? Who checks the readings and gathers the data? How is this information used to protect residents?
- What has been determined as acceptable risks for people living nearby? Who determined this?
- Is the current level of monitoring at the Basin sufficient to track the air pollution from non-point sources and point sources in the basin, in any wind direction, at any time, especially as the ozone issue is a transient one? Can we address how to assess this greater issue for the residents of Weymouth, Braintree and Quincy?
- Can we plant vegetables in our garden this spring, and will the state hold clean harbors to their promise to replace people’s soil if contaminated by the toxic ash? When will this testing be conducted?
- Is the water in the Fore River Basin safe for clamming? For fishing? For people and dogs to swim in it?
- How much floating product is sitting in the 400,000 gallons of water sitting on the site?
- How much of the released materials or toxic soot is dissolved into the water?
- The berms at Clean Harbors are 2.3 feet high, according to the CH, and can hold 10% of the tank content. If the berm holds 10% of the tank content, where does the other 90% go?

Air Modeling Study

- What public oversight is involved in the air modeling study?
- When will the data be released?
- Is the Town or the State going to conduct air modeling with 3rd party contractors?

Braintree Fire Department & Hydrants

- Who in the Town of Braintree oversees the storage, transport, use, disposal, and any other activities related to these substances? How frequent are these facilities inspected? Are these inspections announced or by surprise?
- Do our fire fighters have access to high quality protective gear to fight these hazardous waste fires?
- Why were there no firefighters wearing protective face coverings and air masks in any of the pictures from throughout the fire?
- Who oversees the water department? Who ensures hydrants are checked/tuned/maintained on a regular basis? Where are the inspection reports for 2021 - 2022?
- The fire Chief mentioned he had followed procedures that were developed in 2000. What is the reason there have been no updates to procedures in 23 years? What assurances do we have that our firefighters are learning and acting with the latest knowledge, technology, and advances in evidence-based practices?
- Why is there no formal training for the hazmat firefighter, who stated he learned on the job from his predecessor? Who is conducting sampling and using analysis equipment to address hazards on land, sea, and evaluating risks to human life, wildlife, the environment, businesses, etc.
- Why are there no requirements for HazMat training for the Braintree Fire Department, as stated at the Feb 28 public hearing by the HazMat Captain?
- Why was a chemical fire fought with water and not foam? Did any of the responding units from any of the towns have trucks equipped with foam? Why was it not used or why not?
- If the BFD was keeping the trailers cool, how do we know the destruction temperatures were reached and the majority of the VOC’s were vaporized and released at a destruction temperature?

**Guidelines, Procedures & Plans**

- When was the last inspection conducted at Clean Harbors and by whom? Are there copies of the inspection reports?
- What is Braintree’s plan to evacuate the town? The Mayor is quoted as saying we were prepared to evacuate. How would that happen?
  - Where is the plan?
  - How will someone with mobility issues evacuate?
  - Someone with pets?
o Someone who is elderly, or caring for someone who is?
o Someone with children and no transportation?
o When was the last time there was a practice drill?
o When is the next drill and who will it involve?
o What is the evacuation route? Where are the signs? Where will thousands of residents go and how will they get there?
o When was the plan last updated?

• Are schools practicing for evacuations in case there is an event at the compressor station?

• Are there any actual chemists involved in the siting, permitting, regulating, inspecting, data collecting, and analyzing of Clean Harbors in particular, and the rest of the Fore River Basin in general?

• What grant writing efforts have taken place to install more air quality monitors, soil testing, water testing, etc.? If these tests haven’t take place, and there is no money to conduct them, why are we proceeding without knowing the health risks to residents living in this area?

• Could Clean Harbors and other industries in the Fore River Basin provide red-lined versions of their safety plans, operating procedures, etc.? Otherwise we have no idea what has and has not been updated.

• Why was the large brick building demolished before the permit was actually issued? They applied for the permit from the Town of Braintree and went ahead with the demo, although as of the public hearing on Feb 28, the permit had not been approved. Are they building one new building or 2?

Public Notification

• Who informed Mayor Kokoros that the air was not safe to breathe, prompting his Facebook post at approximately 11 pm? Who determined the air was safe? What time did they determine this? Did they take into account any interferences posed by weather and smoke conditions when he reported the results of the 0.8 PPM max from his multirae multigas meter?

• Did DEP personnel or others take air samples to corroborate his results and are those analyses from him or the PRP available? If not why are they not reported and available on the database more than two weeks later?
**DEP & Other State Agencies**

- What time did state personnel arrive at the site on the night of Feb 16? Who were they and what agencies did they represent? What specific methods of testing did they use? For how long?
- Did MEMA respond to the fire in its official capacity? Did WEMA? Did BEMA? If not, why not? If yes, what was their official role?
- What role did DEP play? Who was there representing DEP and what time did they arrive?
- When DEP personnel declared safe the ambient air surrounding the firefighters upwind from the fire, did he caution the mayor that his assessment should only be applied to the firefighters and not for any Massachusetts citizens located downwind (I assume that would be in the southeast direction) and in harm’s way from the toxic cloud of smoke and VOC's emanating from the fire?
- Did DEP or others take samples from various parts of the toxic cloud, as close to the source as possible and during various times, especially when the fire was producing the most toxic smoke. This would also need to be in several residential locations immediate downgradient and not necessarily in East Braintree, possibly in the Idlewell or north Weymouth sections of Weymouth. Were these results relayed to the appropriate town officials in an expedient manner? Where is this information?
- Has the DEP reviewed this incident, other incidents similar to this one, and the East Palestine, Ohio incident and modified its procedures and training for emergency personnel’s response to future incidents?
- The DEP report states that based on “visual inspection” there was no firefighting water migrating off the property. However, the report also states a small amount of flowing municipal stormwater that was separate from the CH facility, and yet it was dry, warm weather that day and evening, so why would they assume flowing water next to the facility was not related and not contaminated?
- What is the role of the Massachusetts Department of Public Health as it pertains to toxic, carcinogenic threats to the Fore River Basin community?
Corrective Actions/Mitigation

- Is Clean Harbors reimbursing the town for the cost of fighting this fire? For the cost of planning efforts going forward?
- Why are Clean Harbors trailers being stored on Quirk property? Did Clean Harbors apply for a permit to store their equipment off their premises? Did Quirk apply for a permit to store trailers for Clean Harbors? Why is equipment for transporting hazardous waste being stored anywhere other than where they are permitted?
- Has this practice of commingling incompatible hazardous wastes on a trailer been completely investigated for Clean Harbors and other transporters?
- Neighbors in N. Weymouth spoke of black soot running out of the drain spout and onto the lawn after the fire. Who is documenting and responding to this information?
- When was a comprehensive safety study conducted regarding the health hazards located within the Four River Basin? Who conducted it? What were the findings?
- What are the dates and outcomes of direct involvement between the Braintree board of health and Clean Harbors?
- When did the fire start? Who reported the fire and at what time? Was anyone from CH on sight? If so, what time was the storm water treatment system shut off?
- Was CH aware the hydrants were not working? Is there any communication with CH about the hydrants on an ongoing basis?
- Recent fire was fought with water. Was this the best approach? What are the damages as a result of the wrong material used to fight the fire-to the ground, water, fire fighters, residents, etc
• Placards on trailers melted so our Fire Dept didn’t know what was inside trailers. How does CH explain this and what was the next step to determine what was in trailers since placards melted?

• Air quality testing. Coast guard, DEP, Clean Harbors have all performed testing for toxins in the air. Is everyone working together on this? Is information being shared with each group? Who is receiving information in the Town and who is determining how testing is being performed? How do we know the correct tests are being used?

• CH did not know what chemicals were in the trailers that caught fire. How is this possible? Where is the inventory of all trailers kept? Who has access to this at CH? What is the current inventory at CH? Is this inventory shared with the Town? If so, how is this done, who receives the inventory and how often? If this is not done, why not? What is the current inventory at CH? Who has reviewed this material in the Town.

• Why were trailers so close together? Who made that decision? What has been done so this doesn’t happen again?

• In the event of a fire/spill/disaster at CH, are there plans in place that alert the Compressor station and other businesses in the area immediately? If so, what are they. If no, I want to see a plan put in place.

• Who is in charge of investigation?

• Did CH violate their permits in any way through the handling of the material that let to the fire OR their actions regarding the fire.

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i DPH
ii TOB
iii CH