Clean Harbors Colfax

Hazardous Waste Report for Reporting Year 2019

Louisiana Environmental Action Network
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In a report dated September 15, 2020, Clean Harbors Colfax submitted their 2019 Hazardous Waste Report for Reporting Year 2019 to DEQ. During 2019, Clean Harbors Colfax received hazardous waste at the Colfax facility from 331 generators from 46 states and Puerto Rico. The facility did not receive hazardous waste from only four states, Rhode Island, Vermont, Wyoming and Hawaii.

The table below presents the number of generators by state whose waste was received and open burned/open detonated at the Clean Harbors Colfax facility. The third column presents the number of waste streams shipped to Clean Harbors Colfax and open burned/open detonated from the largest generator in each state.

<table>
<thead>
<tr>
<th>State</th>
<th>No. of Generators</th>
<th>Gen. with Largest No. of Waste Types</th>
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<tr>
<td>State</td>
<td>Generators Shipped</td>
<td>Types of Hazardous Waste Streams Shipped</td>
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The 331 generators shipped a total of 963 types of Hazardous Waste Streams to Clean Harbors Colfax. The state of California had the largest number of generators (52 generators) shipping Hazardous Waste to Clean Harbors Colfax. The state of California also had the generator that shipped the largest number of types of Hazardous Waste (34 types) to Clean Harbors Colfax.

California was followed closely behind by Texas which had a single generator that shipped 31 different types of Hazardous Waste to Clean Harbors Colfax.

Eleven Louisiana Generators shipped the following waste streams to Clean Harbors Colfax. Only the EPA ID No. for the Generator was provided by Clean Harbors in the 2019 Hazardous Waste Report. Thus, the names of some of the generators are not available.

**Louisiana Generators**

**LA0000365668 – LEI, Inc. Independence**
Aerial Flares – 85 pounds
Signal Device Hand – 98 pounds
Signal Distress Ship – 50 pounds
Smoke Signals - 310 pounds

**LACESQG - BP Nakika, Port Fourchon**
Aerial Flares – 75 pounds
Signal Devices Hand - 120 pounds
Signal Distress Ship – 90 pounds
Smoke Signals – 105 pounds
Rockets Line Throwing – 30 pounds

**LAD 981514359 - Halliburton Energy Services, New Iberia**
- Articles Explosive NOS HNS – 6 pounds
- Article Explosive NOS HNS HMX – 1 pound
- Articles Explosive NOS HMX, RDX – 3 pounds
- Cartridges Oil Well – 71 pounds
- Cartridges Powder Device – 4 pounds
- Charges Shaped Commercial Without Detonators – 1,193 pounds
- Detonator Assemblies Non-Electric for Blasting – 22 pounds
- Detonator Assemblies Electric for Blasting – 22 pounds
- Igniters – 9 pounds
- Jet Performance Burns charged oil well without detonator – 25 pounds
- Primer Cap Type – 1 pound
- Articles Explosives NOS – 3 pounds
- Charger shaped commercial without detonator – 239 pounds
- Component Explosive Train NOS Components – 4 pounds
- Component Explosive Train NOS HMX – 5 pounds
- Cord Detonating Flexible – 144 pounds

**LAD982310229**
- Signal Distress Hand – 110 pounds
- Signal Distress Ship – 110 pounds

**LAD982310377**
- Signal Distress Hand – 30 pounds
- Signal Distress Ship – 30 pounds

**LAD982310518**
- Signals Smoke – 180 pounds

**LAR000053751 – Orica BST Manufacturing, Minden**
- Pentolite – 2,220 pounds
- PETN Wetted – 30 pounds
- Substances Explosive NOS PETN – 329 pounds
- Substances Explosive NOS PETN Contaminated – 730 pounds
LAR000062091-Weatherford PETN, Broussard
Components Explosive Train NOS HMX – 20 pounds
Flammable Solid Inorganic NOS Pyrodex – 8 pounds
Articles Explosive NOS RDX HMX – 1,601 pounds
Cartridges Oil Well – 82 pounds
Charges Explosive Commercial Without Detonator – 1 pound
JET Perforating Guns Charged Oil Well – 1,872 pounds
Potassium Perchlorate – 388 pounds
Cartridges Powder Device – 23 pounds
Charges Shaped Commercial Without Detonator – 3,012 pounds
Components Explosive Train NOS Booster – 10 pounds
Cord Detonating – 102 pounds
Flammable Solids Organic NOS Strontium Nitrate Potash – 11 pounds
Fuse Detonating Organic NOS – 11 pounds
Igniters – 16 pounds
Substances Explosive NOS Ammonium Perchlorate PVC PLAA – 39 pounds

LAR000077958-Schlumberger Technology Corp., E & P, Broussard
Substances Explosive NOS Substances – 10 pounds
Articles Explosive NOS Article – 512 pounds
Cartridges Powder Device – 54 pounds
Cord Detonating Flexible – 59 pounds
Fuses Detonating – 5 pounds
Igniters – 6 pounds
Jet Perforating Guns Charged Oil Well Without Detonator - 80 pounds
Charges Shaped Commercial Without Detonator – 3,074 pounds
Components Explosive Train NOS Components – 23 pounds
Detonators Electric for Blasting – 6 pounds
Ignitor – 5 pounds

LA000079707
Flares Aerial – 3 pounds

LA R00010699
Fireworks – 990 pounds
Transporters of Waste, Transporting the Hazardous Waste from the Generators to Clean Harbors Colfax

Robbie D. Wood, Inc. – Dolomite, Alabama
Action Resources, Inc - Hanceville, Alabama
Chemical Transportation, Inc. – Rillito, Arizona
Harvey Gulf – New Orleans, LA
Tristate Environmental Service, Fontana, CA
EnviroPros, Corona, CA
Landstar Ranger, Jacksonville, FL
Landstar Inway, Rockford, IL
Heritage Transport, Indianapolis, IN
LEI, Inc., Hammond, LA
Kent Energy Environmental Material Services, Port Allen, LA
Custom Ecology, Inc, Walker, LA
Acme truck, Harvey, LA
ESH, Houma, LA
LEI, Independence, LA
Clean Harbors Environmental SE, Norwell, MA
Bedrock Inc., Joplin, MO
TRI State Motor Transit, Joplin, MO
AATCO, Duenweg, MO
TN USA, Duenweg, MO
Bennett Heavy Parkway, McDonough, GA
TRI State Government Services, Chattanooga, TN
J. H. Walker Trucking, Inc., Houston, TX
CIMA, Irving, TX

Locations Where Clean Harbors Colfax Disposes of It’s Hazardous Waste

Chemical Waste Management, Inc., Emelle, Alabama
Hazardous Waste Solids N.O.S. (Lead, Barium) (D008) 126,200 pounds

Chemical Waste Management, Sulphur/Carlyss, Louisiana
Hazardous Waste Solids, N.O.S. (Lead, Barium) (D007, D008) Stormwater Retention Pond Liner 126,200 pounds

Hazardous Waste Solids N.O.S. (D007, D008) 63,100 pounds

Clean Harbors El Dorado Incineration Facility, El Dorado, AR
Flammable Solids Organic N.O.S. (D001) 2,499 pounds
Waste Streams Sent to Clean Harbors Colfax by Two of the Generators in California that Sent the Largest Number of Waste Streams of All Generators During 2019

An evaluation of the waste streams sent to Clean Harbors Colfax by two generators in California who sent the largest number of Hazardous Waste Streams of any other generators in California sending waste to Clean Harbors Colfax in 2019, demonstrated extensive waste streams not send to Clean Harbors by Louisiana Generators. Those waste streams and their quantities are presented as information, below.

Generators CAD009559618 - Universal Propulsion Corp., Inc. Fairfield, CA and CAD000030494 - Aerojet Rocketdyne, Inc., Rancho Cordova, CA from California

Hazardous Waste Streams  Quantity in 2019
Articles Explosive NOS Articles – 448 pounds
Articles Explosive NOS HMX – 10 pounds
Article Explosive NOS Lead Azide Lead Styphate – 3,850 pounds
Article Explosive NOS Lead Azide – 17 pounds
Articles Explosive NOS 1,2,4-Butanetriol Trinitrate – 6 pounds
Articles Pyrotechnic for Technical Purposes – 88 pounds
Article Explosive NOS Ammonium Perchlorate - 11 pounds
Article Explosive NOS Ammonium Perchlorate Zirconium – 66 pounds
Substance Explosive NOS Substance - 12,495 pounds
Article Explosive NOS Boron Potassium Nitrate – 262 pounds
Article Explosive NOS Boron – 6 pounds
Article Explosive NOS Potassium Nitrate – 13 pounds
Substance Explosive NOS Lead Azide, Lead Styphate - 1,207 pounds
Substance Explosive NOS Debris - 2,388 pounds
Substance Explosive NOS - 146 pounds
Substance Explosive NOS Aluminum Powder - 31 pounds
Substance Explosive NOS Ammonium Perchlorate - 1,422 pounds
Substance Explosive NOS Barium Chromate - 24 pounds
Substance Explosive NOS Betanetriol Trinitrate Nitro - 42 pounds
Substance Explosive NOS Diethylene Glycol Dinitrate - 76 pounds
Substance Explosive NOS Solid Propellant - 2,918 pounds
Substance Explosive NOS HMX RDX - 141 pounds
Substance Explosive NOS HMX - 24 pounds
Substance Explosive NOS Plastics - 2,529 pounds
Substance Explosive NOS Potassium Perchlorate - 32 pounds
Substance Explosive NOS Solid Propellant - 685 pounds
Substances Explosive NOS Trimethyloléthane Trinitrate - 72 pounds
Substance Explosive NOS Ammonium Perchlorate - 1,411 pounds
Card Detonating - 537 pounds
Card Detonating Mild Effect - 93 pounds
Card Detonating Flexible - 771 pounds
Cartridge Power Device - 170 pounds
Cartridges for Weapons Blank - 26 pounds
Primer Cap Type - 65 pounds
Booster Without Detonator - 35 pounds
Charges Shaped Flexible Linear - 137 pounds
Hexanitrostilbene - 3 pounds
Igniters - 357 pounds
Propellant Solids - 1,861 pounds
Fuses Detonating - 100 pounds
Rocket Motors - 431 pounds
Ammonia Perchlorate - 1,138 pounds
Detonator Electric for Blasting - 41 pounds
Explosive Blasting Type D - 15 pounds
Propellant Solids - 764 pounds

Waste Toxic By Inhalation, Liquid - Waste Stream Associated with the Most Community Complaints in Association With Clean Harbors Colfax Open Burn/Open Detonation Operations

Community members in the area of the Clean Harbors Colfax facility submit numerous complaints to the Louisiana Department of Environmental Quality concerning the negative impacts of operations at the Clean Harbors Colfax facility. On the dates community members submit complaints to DEQ, DEQ request the Burn Logs and Bar Code Sheets from Clean Harbors for all of the burn events on those dates.

Based on evaluations of community complaints and associated Burn Logs and Bar Code Sheets, the waste stream “Waste Toxic by Inhalation, Liquid” is the one waste stream associated with the largest number of community complaints. The following are the type of complaints community members submit in association with the waste stream “Waste Toxic by Inhalation, Liquid.”
Loud Explosions
Detonations
Three Loud Detonations
Large Detonations
Several Detonations
Loud Bombings
Loud Bangs
Loud Booms
Hugh Explosions
Loud Explosions that rattled home three miles away.

In the Clean Harbors Colfax Hazardous Waste Report for Reporting Year 2019 only one Generator sent that waste stream to Clean Harbors Colfax. The generator had an EPA ID number of TXD982290140 and is the Clean Harbors LaPorte facility. The waste stream was labeled as "Waste Toxic by Inhalation, Liquid Water Reactive." On all of the Clean Harbors Colfax Burn Logs, the "Water Reactive" portion of the waste stream description never appeared.

In 2019, Clean Harbors reported they received 154,007.00 uom pounds of the waste stream Waste Toxic by Inhalation, Liquid Water Reactive from generator TXD982290140, Clean Harbors LaPorte. The Bar Code Sheets list the waste stream as CF-LCY9-Haz.

In 2017, Clean Harbors reported they received 165,960 uom pounds of the waste stream Waste Toxic by Inhalation, Liquid Water Reactive from only one generator, TXD982290140, Clean Harbors LaPorte.

According to the Clean Harbors Colfax Burn Logs and associated Bar Code Sheets, Clean Harbors ignites and burns three trays of the waste stream Waste Toxic by Inhalation, Liquid during one ignition event. On each of the three burn trays, four units of the waste stream are placed on each tray to be ignited to. According to the Bar Code Sheets and Burn Logs, the gross waste of each unit during 2020 consisted of 100, 150, 175, 230, or 250 uom pounds.
In 2019, the following waste streams were sent to Clean Harbors Colfax from Clean Harbors LaPorte facility:

Black Powder for small arms – 1.00 pound
Compressed Gas Flammable NOS Helium Diborane – 2,143 uom pounds
Compressed Gas Flammable NOS Helium Diborane – 9,669.00 uom pounds
Compressed Gas Toxic Flammable NOS – 133.00 uom pounds
Compressed Gas Toxic Flammable NOS Hydrogen – 1,037.00 uom pounds
Nitrogen Compressed – 132 uom pounds
Organometallic Substance Liquid Water Active – 200 uom pounds
Pentaborane – 2 uom pounds
Toxic by Inhalation Liquid Water Reactive – 154,007.00 uom pounds
Toxic Solid Corrosive Inorganic NOS Sodium – 508 uom pounds

In 2017, the following waste streams were sent to Clean Harbors Colfax from Clean Harbors LaPorte facility:

Rudbium metals, 220 uom pounds
Pyrophoric Liquid, Inorganics NOS Trislane – 452 uom pounds
Compressed Nitrogen – 241 uom pounds