

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.

State	No. of Generators	Gen. with Largest No. of Waste Types
Alaska	2	8
Alabama	14	11
Arkansas	11	16
Arizona	11	18
California	52	34

Colorado	7	9
Connecticut	7	2
Delaware	1	1
Florida	23	6
Georgia	10	7
Iowa	1	1
Idaho	4	8
Illinois	8	4
Indiana	1	1
Kansas	4	1
Kentucky	4	7
Louisiana	11	17
Massachusetts	8	2
Maryland	11	6
Maine	1	1
Michigan	2	2
Minnesota	2	1
Missouri	8	4
Mississippi	3	1
Montana	1	1
North Carolina	13	6
North Dakota	1	7
Nebraska	3	2
New Hampshire	4	2
New Jersey	5	4
New Mexico	4	21
Nevada	5	1
New York	8	1
Ohio	7	9
Oklahoma	1	1
Oregon	1	2
Pennsylvania	6	7
Puerto Rico	1	1
South Carolina	4	6
South Dakota	1	4

Tennessee	13	5
Texas	24	31
Utah	3	6
Virginia	13	9
Washington	3	2
West Virginia	2	4
Wisconsin	2	1

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 sent 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 Trimethylolethane 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 -357pounds

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
Hug 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:

Rubidium metals, 220 uom pounds

Pyrophoric Liquid, Inorganics NOS Trislane – 452 uom pounds

Compressed Nitrogen – 241 uom pounds

Waste Toxic by Inhalation, Liquids Water Reactive – 165,960 uom pounds.