

Section 1. Registration Information

Source Identification

Facility Name:	Clean Harbors El Dorado LLC
Parent Company #1 Name:	Clean Harbors Environmental Services, Inc.
Submission Type:	Resubmission
Receipt Date:	February 2024

Facility Identification

Facility ID:	1000 0010 8901
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Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	N/A
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Facility Location Address

Street 1:	309 American Circle
Street 2:	N/A
City:	El Dorado
State:	AR
ZIP:	71730
ZIP4:	N/A
County:	Union

Facility Latitude and Longitude

Latitude (decimal):	33.204498
Longitude (decimal):	-092.631420

Local Emergency Planning Committee and Regulations

LEPC:	Union County LEPC
OSHA PSM:	Yes
EPCRA 302:	Yes
CAA Title V:	Yes

Process Chemicals

Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Propionitrile [Propanenitrile]
CAS Number:	107-12-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Silane
CAS Number:	7803-62-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus trichloride [Phosphorous trichloride]
CAS Number:	7719-12-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylyl chloride [2-Propenoyl chloride]
CAS Number:	814-68-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen chloride (anhydrous) [Hydrochloric acid]
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Nitric acid (conc 80% or greater)
CAS Number:	7697-37-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus oxychloride [Phosphoryl chloride]
CAS Number:	10025-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus trichloride [Phosphorous trichloride]
CAS Number:	7719-12-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl mercaptan [Methanethiol]
CAS Number:	74-93-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Nitric acid (conc 80% or greater)
CAS Number:	7697-37-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus oxychloride [Phosphoryl chloride]
CAS Number:	10025-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Ethyl chloride [Ethane, chloro-]
CAS Number:	75-00-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Propionitrile [Propanenitrile]
CAS Number:	107-12-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Furan
CAS Number:	110-00-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Silane
CAS Number:	7803-62-5
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl4) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Phosphorus trichloride [Phosphorous trichloride]
CAS Number:	7719-12-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl mercaptan [Methanethiol]
CAS Number:	74-93-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Nitric acid (conc 80% or greater)
CAS Number:	7697-37-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Isoprene [1,3-Butadiene, 2-methyl-]
CAS Number:	78-79-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus oxychloride [Phosphoryl chloride]
CAS Number:	10025-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus trichloride [Phosphorous trichloride]
CAS Number:	7719-12-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylyl chloride [2-Propenoyl chloride]
CAS Number:	814-68-6
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Methyl mercaptan [Methanethiol]
CAS Number:	74-93-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethylenediamine [1,2-Ethanediamine]
CAS Number:	107-15-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Nitric acid (conc 80% or greater)
CAS Number:	7697-37-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus oxychloride [Phosphoryl chloride]
CAS Number:	10025-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Ethyl chloride [Ethane, chloro-]
CAS Number:	75-00-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Difluoroethane [Ethane, 1,1-difluoro-]
CAS Number:	75-37-6
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Isopentane [Butane, 2-methyl-]
CAS Number:	78-78-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trifluorochloroethylene [Ethene, chlorotrifluoro-]
CAS Number:	79-38-9
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Propionitrile [Propanenitrile]
CAS Number:	107-12-0
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Allyl alcohol [2-Propen-1-ol]
CAS Number:	107-18-6
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Furan
CAS Number:	110-00-9
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isobutane [Propane, 2-methyl]
CAS Number:	75-28-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Isopropylamine [2-Propanamine]
CAS Number:	75-31-0
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	Vinylidene chloride [Ethene, 1,1-dichloro-]
CAS Number:	75-35-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dichlorosilane [Silane, dichloro-]
CAS Number:	4109-96-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Silane
CAS Number:	7803-62-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Acetaldehyde
CAS Number:	75-07-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Titanium tetrachloride [Titanium chloride (TiCl ₄) (T-4)-]
CAS Number:	7550-45-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrochloric acid (conc 37% or greater)
CAS Number:	7647-01-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus trichloride [Phosphorous trichloride]
CAS Number:	7719-12-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Acrylyl chloride [2-Propenoyl chloride]
CAS Number:	814-68-6
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Methyl mercaptan [Methanethiol]
CAS Number:	74-93-1
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Trimethylamine [Methanamine, N,N-dimethyl-]
CAS Number:	75-50-3
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Formaldehyde (solution)
CAS Number:	50-00-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Chloroform [Methane, trichloro-]
CAS Number:	67-66-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Methyl chloride [Methane, chloro-]
CAS Number:	74-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Carbon disulfide
CAS Number:	75-15-0
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrazine
CAS Number:	302-01-2
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Hydrogen fluoride/Hydrofluoric acid (conc 50% or greater) [Hydrofluoric acid]
CAS Number:	7664-39-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Nitric acid (conc 80% or greater)
CAS Number:	7697-37-2
Flammable/Toxic:	Toxic

Program Level:	Program Level 3 process
Chemical Name:	Chlorine
CAS Number:	7782-50-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethane
CAS Number:	74-84-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Propane
CAS Number:	74-98-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Vinyl chloride [Ethene, chloro-]
CAS Number:	75-01-4
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Butane
CAS Number:	106-97-8
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Pentane
CAS Number:	109-66-0
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	1-Pentene
CAS Number:	109-67-1
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methyl ether [Methane, oxybis-]
CAS Number:	115-10-6
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Dimethylamine [Methanamine, N-methyl-]
CAS Number:	124-40-3
Flammable/Toxic:	Flammable

Program Level:	Program Level 3 process
Chemical Name:	2-Methyl-1-butene
CAS Number:	563-46-2
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Phosphorus oxychloride [Phosphoryl chloride]
CAS Number:	10025-87-3
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Epichlorohydrin [Oxirane, (chloromethyl)-]
CAS Number:	106-89-8
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Toluene diisocyanate (unspecified isomer) [Benzene, 1,3-diisocyanatomethyl-]
CAS Number:	26471-62-5
Flammable/Toxic:	Toxic
Program Level:	Program Level 3 process
Chemical Name:	Ethyl ether [Ethane, 1,1'-oxybis-]
CAS Number:	60-29-7
Flammable/Toxic:	Flammable
Program Level:	Program Level 3 process
Chemical Name:	Methylamine [Methanamine]
CAS Number:	74-89-5
Flammable/Toxic:	Flammable

Process NAICS

NAICS Code:	562211
NAICS Description:	Hazardous Waste Treatment and Disposal

Section 6. Accident History

Accident History ID: Accident 1

Date of Accident:	May 2018
Time Accident Began (HH:MM):	14:55
NAICS Code of Process Involved:	562211
NAICS Description:	Hazardous Waste Treatment and Disposal
Release Duration:	001 Hours 55 Minutes

Release Event

Gas Release:	N/A
Liquid Spill/Evaporation:	N/A
Fire:	N/A
Explosion:	N/A
Uncontrolled/Runaway Reaction:	Yes

Release Source

Storage Vessel:	N/A
Piping:	N/A
Process Vessel:	Yes
Transfer Hose:	N/A
Valve:	N/A
Pump:	N/A
Joint:	N/A
Other Release Source:	N/A

Weather Conditions at the Time of Event

Wind Speed:	9.0
Units:	Miles/h
Direction:	SW
Temperature:	80
Atmospheric Stability Class:	N/A
Precipitation Present:	Yes
Unknown Weather Conditions:	N/A

On-Site Impacts

Employee or Contractor Deaths:	0
Public Responder Deaths:	0
Public Deaths:	0
Employee or Contractor Injuries:	0
Public Responder Injuries:	0
Public Injuries:	0
On-Site Property Damage (\$):	719900

Known Off-Site Impacts

Deaths:	0
Hospitalizations:	0
Public Deaths:	0
Other Medical Treatments:	0
Evacuated:	0
Sheltered-in-Place:	0
Off-Site Property Damage (\$):	0

Environmental Damage

Fish or Animal Kills:	N/A
Tree, Lawn, Shrub, or Crop Damage:	N/A
Water Contamination:	N/A
Soil Contamination:	N/A
Other Environmental Damage:	N/A

Initiating Event

Initiating Event:	Human Error
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Contributing Factors

Equipment Failure:	N/A
Human Error:	N/A
Improper Procedures:	Yes
Overpressurization:	N/A
Upset Condition:	N/A
By-Pass Condition:	N/A
Maintenance Activity/Inactivity:	N/A
Process Design Failure:	N/A
Unsuitable Equipment:	N/A
Unusual Weather Condition:	N/A
Management Error:	Yes
Other Contributing Factor:	N/A

Off-Site Responders Notified

Off-Site Responders Notified:	No, not notified
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Changes Introduced as a Result of the Accident

Improved or Upgraded Equipment:	N/A
Revised Maintenance:	N/A
Revised Training:	N/A
Revised Operating Procedures:	Yes
New Process Controls:	N/A
New Mitigation Systems:	N/A
Revised Emergency Response Plan:	N/A
Changed Process:	N/A
Reduced Inventory:	N/A
None:	N/A
Other Changes Introduced:	N/A

Chemicals in Accident History

Quantity Released (lbs):	40000
Percent Weight:	98
Chemical Name:	Acrylonitrile [2-Propenenitrile]
CAS Number:	107-13-1
Flammable/Toxic:	Toxic

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	Yes
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Union County, AR LEPC
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(870) 864-3602