



February 28, 2023

Alberta Environment and Protected Areas  
Monitoring Branch  
11<sup>th</sup> Floor Oxbridge Place  
9820 106 ST  
Edmonton, AB T5K 2J6

To Whom It May Concern;

**Re:** Clean Harbors Canada, Inc. 2022 Annual Waste Management Summary  
Approval 10348-03-01

Enclosed is the 2022 Annual Waste Management Summary as required by Sections 4.6.30 and 4.6.31 of the above approval.

The summary is broken into two parts. The first part contains the summary of all waste received at the facility which was destined for recycle or disposal at facilities other than Clean Harbors Ryley and the waste which was received on-site but not yet shipped on December 31, 2022. The second part contains the summary of all waste received at Ryley which was landfilled at the site. This is further broken down into non-hazardous waste and hazardous waste landfilled.

Yours truly,  
**Clean Harbors Canada, Inc.**

A handwritten signature in blue ink that reads "Stan Yuha".

Stan Yuha  
General Manager

**CLEAN HARBORS CANADA, INC.**

**ANNUAL WASTE MANAGEMENT SUMMARY**

**PART 1**

**WASTE SHIPPED**

**&**

**WASTE ON-SITE – DECEMBER 31, 2022**

Hazardous Recyclable or Waste Name	Uniform Waste Code				Quantity (kg or L)		Recycled	Disposed
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	Off-site	Off-site
Acid solutions, sludges and residues containing heavy metals	H112	UN1760	8	D10	302			Clean Harbors - Aragonite, UT
Acid solutions, sludges and residues containing heavy metals	H112	UN1789	8	D10	414			Clean Harbors - Aragonite, UT
Acid solutions, sludges and residues containing heavy metals	H112	UN2922	8	D10	2			Clean Harbors - Aragonite, UT
Acid solutions, sludges and residues containing heavy metals	H112	UN3264	8	D10	459			Clean Harbors - Aragonite, UT
Acid solutions, sludges and residues containing heavy metals	H112	UN1791	8	D15	718			Clean Harbors - Delta, BC
Acid solutions, sludges and residues containing heavy metals	H112	UN3266	8	D15	75			Clean Harbors - Delta, BC
Acid solutions, sludges and residues containing heavy metals	H112	UN1760	8	D10	114			Clean Harbors - El Dorado, AK
Acid soln, sludge & residue with metals & non-metals	H113	UN1760	8	D10	983			Clean Harbors - Aragonite, UT
Acid soln, sludge & residue with metals & non-metals	H113	UN1830	8	D10	100			Clean Harbors - Aragonite, UT
Acid soln, sludge & residue with metals & non-metals	H113	UN3264	8	D10	777			Clean Harbors - Aragonite, UT
Acid soln, sludge & residue with metals & non-metals	H113	UN1830	8	D10	128			Clean Harbors - El Dorado, AK
Other inorganic acid wastes	H114	UN1832	8	D10	379			Clean Harbors - Aragonite, UT
Other inorganic acid wastes	H114	UN3264	8	D10	197			Clean Harbors - Aragonite, UT
Other inorganic acid wastes	H114	UN3098	5.1	D15	436			Clean Harbors - Delta, BC
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1760	8	D10	467			Clean Harbors - Aragonite, UT
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN2922	8	D10	1185			Clean Harbors - Aragonite, UT
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3098	5.1	D10	15			Clean Harbors - Aragonite, UT
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3264	8	D10	243			Clean Harbors - Aragonite, UT
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3266	8	D10	1855			Clean Harbors - Aragonite, UT
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1760	8	D10	480			Clean Harbors - Corunna, ON
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN2672	8	D10	17890			Clean Harbors - Corunna, ON
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3266	8	D10	101840			Clean Harbors - Corunna, ON
Neutralized solutions, Sludges, residues with other metals	H132	UN2922	8	D10	2315			Clean Harbors - El Dorado, AK
Wastes containing sulphides	H134	UN2810	6.1	D10	238			Clean Harbors - Aragonite, UT
Wastes containing sulphides	H134	UN1849	8	D10	12			Clean Harbors - El Dorado, AK
Wastes containing sulphides	H134	UN1993	3	D10	137			Clean Harbors - Kimball, NE
Wastes containing other reactive anions	H135	UN1479	5.1	D10	93			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN1498	5.1	D10	113			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN1791	8	D10	548			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN2014	5.1	D10	91			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN3098	5.1	D10	8400			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN3105	5.2	D10	56			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN3108	5.2	D10	132			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN3139	5.1	D10	258			Clean Harbors - Aragonite, UT
Wastes containing other reactive anions	H135	UN1760	8	D15	1346			Clean Harbors - Delta, BC
Wastes containing other reactive anions	H135	UN3085	5.1	D15	542			Clean Harbors - Delta, BC
Wastes containing other reactive anions	H135	UN3093	8	D15	148			Clean Harbors - Delta, BC
Wastes containing other reactive anions	H135	UN3098	5.1	D15	1266			Clean Harbors - Delta, BC
Wastes containing other reactive anions	H135	UN2813	4.3	D10	365			Clean Harbors - El Dorado, AK
Wastes containing other reactive anions	H135	UN3085	5.1	D10	1295			Clean Harbors - El Dorado, AK
Wastes containing other reactive anions	H135	UN3098	5.1	D10	591			Clean Harbors - El Dorado, AK
Wastes containing other reactive anions	H135	UN3148	4.3	D10	364			Clean Harbors - El Dorado, AK
Wastes containing other reactive anions	H135	UN3266	8	D10	251			Clean Harbors - El Dorado, AK
Wastes containing other reactive anions	H135	UN1397	4.3	D15	26			Safety Kleen - Chambly, QC
Inorganic oxidizing sales used as heat exchange medium	H137	UN1479	5.1	D15	3870			Clean Harbors - Delta, BC
Inorganic oxidizing sales used as heat exchange medium	H137	UN1942	5.1	D15	876			Clean Harbors - Delta, BC
Waste from the use of paints, pigments & coatings	H145	UN1263	3	D15	3080			Clean Harbors - Red Deer, AB
Waste from the use of paints, pigments & coatings	H145	UN1950	2.1	R4	48337		Clean Harbors - Red Deer, AB	
Waste from the use of paints, pigments & coatings	H145	UN1993	3	D15	1724			Clean Harbors - Red Deer, AB
Waste from the use of paints, pigments & coatings	H145	UN3066	8	D15	57			Clean Harbors - Red Deer, AB
Waste from the use of paints, pigments & coatings	H145	UN1210	3	D10	927			Clean Harbors - Aragonite, UT
Waste from the use of paints, pigments & coatings	H145	UN1263	3	D10	39269			Clean Harbors - Aragonite, UT
Waste from the use of paints, pigments & coatings	H145	UN3175	4.1	D10	1592			Clean Harbors - Aragonite, UT
Waste from the use of paints, pigments & coatings	H145	UN1325	4.1	D10	227			Clean Harbors - El Dorado, AK
Waste from the use of paints, pigments & coatings	H145	UN1210	3	D10	3365			Clean Harbors - Kimball, NE
Waste from the use of paints, pigments & coatings	H145	UN1263	3	D10	18561			Clean Harbors - Kimball, NE
Waste from the use of paints, pigments & coatings	H145	UN1294	3	D10	745			Clean Harbors - Kimball, NE
Waste from the use of paints, pigments & coatings	H145	UN1993	3	D10	3860			Clean Harbors - Kimball, NE
Waste from the use of paints, pigments & coatings	H145	UN3077	9	D10	938			Clean Harbors - Kimball, NE
Other specified inorganic sludges, slurries or solids	H146	NR	NR	D15	3524			Clean Harbors - Mississauga, ON
Other specified inorganic sludges, slurries or solids	H146	NR	NR	D5	19127			Miller Environmental - St. Jean Baptiste, MB
Miscellaneous waste inorganic chemicals	H148	UN2809	8	R4	21		Raw Materials - Port Colborne, ON	
Miscellaneous waste inorganic chemicals	H148	UN1759	8	D10	149			Clean Harbors - Aragonite, UT
Miscellaneous waste inorganic chemicals	H148	UN1760	8	D10	149			Clean Harbors - Aragonite, UT

Hazardous Recyclable or Waste Name	Uniform Waste Code				Quantity (kg or L)		Recycled	Disposed
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	Off-site	Off-site
Miscellaneous waste inorganic chemicals	H148	UN1992	3	D10	156			Clean Harbors - Aragonite, UT
Miscellaneous waste inorganic chemicals	H148	UN2922	8	D10	3			Clean Harbors - Aragonite, UT
Miscellaneous waste inorganic chemicals	H148	UN2924	3	D10	35			Clean Harbors - Aragonite, UT
Miscellaneous waste inorganic chemicals	H148	NR	NR	D10	79335			Clean Harbors - Corunna, ON
Miscellaneous waste inorganic chemicals	H148	NR	NR	D15	74600			Clean Harbors - Delta, BC
Miscellaneous waste inorganic chemicals	H148	UN2813	4.3	D15	217			Clean Harbors - Delta, BC
Miscellaneous waste inorganic chemicals	H148	UN1385	4.2	D10	21			Clean Harbors - El Dorado, AK
Miscellaneous waste inorganic chemicals	H148	UN1942	5.1	D10	1589			Clean Harbors - El Dorado, AK
Miscellaneous waste inorganic chemicals	H148	UN3093	8	D10	43			Clean Harbors - El Dorado, AK
Miscellaneous waste inorganic chemicals	H148	UN3290	6.1	D10	1923			Clean Harbors - El Dorado, AK
Miscellaneous waste inorganic chemicals	H148	UN1992	3	D10	83			Clean Harbors - Kimball, NE
Miscellaneous waste inorganic chemicals	H148	UN1131	3	D15	13			Safety Kleen - Chambly, QC
Landfill leachate	H149	NR	NR	D3	94125			Sellers Oilfield - Calmar, AB
Inert inorganic waste	H150	NR	NR	D15	310			Clean Harbors - Red Deer, AB
Batteries	H151	UN2794	8	R4	1786		Raw Materials - Port Colborne, ON	
Batteries	H151	UN2795	8	R4	299		Raw Materials - Port Colborne, ON	
Batteries	H151	UN2800	8	R4	799		Raw Materials - Port Colborne, ON	
Batteries	H151	UN3028	8	R4	3683		Raw Materials - Port Colborne, ON	
Spent catalysts	H153	NR	NR	R4	4016		Raw Materials - Port Colborne, ON	
Spent catalysts	H153	UN3175	4.1	D10	699			Clean Harbors - Aragonite, UT
Spent catalysts	H153	NR	NR	D5	2657			Miller Environmental - St. Jean Baptiste, ME
Aromatic solvents and residues	H211	UN1263	3	D10	6956			Clean Harbors - Aragonite, UT
Aromatic solvents and residues	H211	UN1992	3	D10	893			Clean Harbors - Aragonite, UT
Aromatic solvents and residues	H211	UN3295	3	D10	15920			Clean Harbors - Corunna, ON
Aromatic solvents and residues	H211	UN1114	3	D15	200			Clean Harbors - Delta, BC
Aromatic solvents and residues	H211	UN1263	3	D15	615			Clean Harbors - Delta, BC
Aromatic solvents and residues	H211	UN1993	3	D15	24095			Clean Harbors - Delta, BC
Aromatic solvents and residues	H211	UN1263	3	D10	8741			Clean Harbors - Kimball, NE
Aromatic solvents and residues	H211	UN1307	3	D10	657			Clean Harbors - Kimball, NE
Aromatic solvents and residues	H211	UN1992	3	D10	3819			Clean Harbors - Kimball, NE
Aromatic solvents and residues	H211	UN1993	3	D10	1209			Clean Harbors - Kimball, NE
Aromatic solvents and residues	H211	UN3082	9	D10	474			Clean Harbors - Kimball, NE
Aliphatic solvents & residues	H212	UN1268	3	D10	186			Clean Harbors - Aragonite, UT
Aliphatic solvents & residues	H212	UN2924	3	D10	578			Clean Harbors - Aragonite, UT
Aliphatic solvents & residues	H212	UN1992	3	D10	18023			Clean Harbors - Corunna, ON
Aliphatic solvents & residues	H212	UN1193	3	D15	820			Clean Harbors - Delta, BC
Aliphatic solvents & residues	H212	UN1993	3	D15	144917			Clean Harbors - Delta, BC
Aliphatic solvents & residues	H212	UN1193	3	D10	1497			Clean Harbors - Kimball, NE
Aliphatic solvents & residues	H212	UN1992	3	D10	3681			Clean Harbors - Kimball, NE
Aliphatic solvents & residues	H212	UN1993	3	D10	1061			Clean Harbors - Kimball, NE
Petroleum distillates	H213	UN1325	4.1	D15	100			Clean Harbors - Red Deer, AB
Petroleum distillates	H213	UN1993	3	D15	100			Clean Harbors - Red Deer, AB
Petroleum distillates	H213	UN2810	6.1	D15	100			Clean Harbors - Red Deer, AB
Petroleum distillates	H213	UN1992	3	D10	1801			Clean Harbors - Aragonite, UT
Petroleum distillates	H213	UN1993	3	D10	997			Clean Harbors - Aragonite, UT
Petroleum distillates	H213	UN1993	3	D10	33950			Clean Harbors - Corunna, ON
Petroleum distillates	H213	UN1268	3	D15	820			Clean Harbors - Delta, BC
Petroleum distillates	H213	UN1993	3	D15	245558			Clean Harbors - Delta, BC
Petroleum distillates	H213	UN1993	3	D10	26			Clean Harbors - El Dorado, AK
Petroleum distillates	H213	UN1268	3	D10	164			Clean Harbors - Kimball, NE
Petroleum distillates	H213	UN1992	3	D10	533			Clean Harbors - Kimball, NE
Petroleum distillates	H213	UN1993	3	D10	12408			Clean Harbors - Kimball, NE
Light fuels	H221	UN3175	4.1	D10	200			Clean Harbors - Aragonite, UT
Light fuels	H221	UN1202	3	D15	615			Clean Harbors - Delta, BC
Light fuels	H221	UN1203	3	D15	410			Clean Harbors - Delta, BC
Light fuels	H221	UN1223	3	D15	205			Clean Harbors - Delta, BC
Light fuels	H221	UN1993	3	D15	8205			Clean Harbors - Delta, BC
Light fuels	H221	UN3082	9	D10	227			Clean Harbors - El Dorado, AK
Light fuels	H221	UN1993	3	D10	1083			Clean Harbors - Kimball, NE
Light fuels	H221	UN3082	9	D10	19734			Clean Harbors - Kimball, NE
Polymeric resins	H232	NR	NR	D10	24			Clean Harbors - Aragonite, UT
Polymeric resins	H232	NR	NR	D15	1823			Clean Harbors - Delta, BC
Other polymeric waste	H233	UN3175	4.1	D10	2103			Clean Harbors - Aragonite, UT
Halogenated solvents and residues	H241	UN2810	6.1	D10	320			Clean Harbors - Aragonite, UT

Hazardous Recyclable or Waste Name	Uniform Waste Code				Quantity (kg or L)		Recycled	Disposed
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	Off-site	Off-site
Halogenated solvents and residues	H241	UN3082	9	D10	5133			Clean Harbors - Aragonite, UT
Halogenated solvents and residues	H241	UN1992	3	D10	393221			Clean Harbors - Kimball, NE
Halogenated solvents and residues	H241	UN1993	3	D10	314			Clean Harbors - Kimball, NE
Halogenated solvents and residues	H241	UN2810	6.1	D10	1511			Clean Harbors - Kimball, NE
Halogenated pesticides & herbicides	H242	UN2811	6.1	D10	619			Clean Harbors - Aragonite, UT
Halogenated pesticides & herbicides	H242	UN2588	6.1	D10	364			Clean Harbors - El Dorado, AK
Halogenated pesticides & herbicides	H242	UN3077	9	D10	45			Clean Harbors - Kimball, NE
Waste crankcase oils & lubricants	H252	NR	NR	D15	410			Clean Harbors - Delta, BC
Waste crankcase oils & lubricants	H252	UN3082	9	D10	458			Clean Harbors - Kimball, NE
Filters from oils & gas processing	H256	UN1325	4.1	D10	96			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN2811	6.1	D15	100			Clean Harbors - Red Deer, AB
Miscellaneous waste organic chemicals	H263	UN1325	4.1	D10	2684			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN2811	6.1	D10	17			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN2924	3	D10	1369			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN3098	5.1	D10	16			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN3264	8	D10	187			Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	H263	UN2924	3	D10	279300			Clean Harbors - Corunna, ON
Miscellaneous waste organic chemicals	H263	UN3266	8	D10	23760			Clean Harbors - Corunna, ON
Miscellaneous waste organic chemicals	H263	NR	NR	D15	83800			Clean Harbors - Delta, BC
Miscellaneous waste organic chemicals	H263	UN1228	3	D15	35			Clean Harbors - Delta, BC
Miscellaneous waste organic chemicals	H263	UN1993	3	D15	39860			Clean Harbors - Delta, BC
Miscellaneous waste organic chemicals	H263	UN1131	3	D10	50			Clean Harbors - El Dorado, AK
Miscellaneous waste organic chemicals	H263	UN1992	3	D10	30			Clean Harbors - Kimball, NE
Miscellaneous waste organic chemicals	H263	UN1993	3	D10	610			Clean Harbors - Kimball, NE
Miscellaneous waste organic chemicals	H263	UN3082	9	D10	2675			Clean Harbors - Kimball, NE
Organic acids	H267	UN2920	8	D10	40			Clean Harbors - Aragonite, UT
Organic acids	H267	UN2924	3	D10	75			Clean Harbors - Aragonite, UT
Organic acids	H267	UN3265	8	D10	3043			Clean Harbors - Aragonite, UT
Organic acids	H267	UN3265	8	D10	227			Clean Harbors - El Dorado, AK
Amines	H268	UN2734	8	D10	2772			Clean Harbors - Aragonite, UT
Amines	H268	UN2735	8	D10	978			Clean Harbors - Aragonite, UT
Amines	H268	UN2922	8	D10	73			Clean Harbors - Aragonite, UT
Amines	H268	UN3265	8	D10	1212			Clean Harbors - Aragonite, UT
Amines	H268	UN3267	8	D10	614			Clean Harbors - Aragonite, UT
Organic non-halogenated pesticides & herbicide waste	H269	UN2810	6.1	D10	5720			Clean Harbors - Aragonite, UT
Organic non-halogenated pesticides & herbicide waste	H269	UN2902	6.1	D10	227			Clean Harbors - El Dorado, AK
Organic non-halogenated pesticides & herbicide waste	H269	UN3077	9	D10	2602			Clean Harbors - Kimball, NE
Organic non-halogenated pesticides & herbicide waste	H269	UN3082	9	D10	500			Clean Harbors - Kimball, NE
Other specified organic sludges, slurries and solids	H270	NR	NR	D10	146			Clean Harbors - Aragonite, UT
Other specified organic sludges, slurries and solids	H270	UN1263	3	D10	228			Clean Harbors - Aragonite, UT
Other specified organic sludges, slurries and solids	H270	UN3082	9	D10	146			Clean Harbors - Aragonite, UT
Other specified organic sludges, slurries and solids	H270	UN2924	3	D10	25510			Clean Harbors - Corunna, ON
Other specified organic sludges, slurries and solids	H270	UN3128	4.2	D10	204			Clean Harbors - El Dorado, AK
Other specified organic sludges, slurries and solids	H270	UN3082	9	D10	2113			Clean Harbors - Kimball, NE
Other specified organic sludges, slurries and solids	H270	NR	NR	D5	1520			Clean Harbors - Corunna, ON (LB)
Contaminated debris & soil from spills, accidents & leaks	H275	UN3175	4.1	D10	54070			Clean Harbors - Aragonite, UT
Contaminated debris & soil from spills, accidents & leaks	H275	UN3175	4.1	D10	1432			Clean Harbors - Kimball, NE
Waste compressed gases, including cylinders	H331	UN1001	2.1	R4	60		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1005	2.3	R4	100		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1011	2.1	R4	150		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1013	2.2	R4	120		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1950	2.1	R4	38991		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1956	2.2	R4	40		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN3160	2.3	R4	50		Clean Harbors - Red Deer, AB	
Waste compressed gases, including cylinders	H331	UN1044	2.2	R4	6280		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1046	2.2	R4	10		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1066	2.2	R4	100		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1072	2.2	R4	80		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1956	2.2	R4	5305		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1978	2.1	R4	1614		Propane Busters - Calgary, AB	
Waste compressed gases, including cylinders	H331	UN1001	2.1	DC1	35			Recycle Systems - Nisku, AB
Waste compressed gases, including cylinders	H331	UN1002	2.2	DC1	200			Recycle Systems - Nisku, AB
Waste compressed gases, including cylinders	H331	UN1018	2.2	DC1	10			Recycle Systems - Nisku, AB
Waste compressed gases, including cylinders	H331	UN1078	2.2	DC1	170			Recycle Systems - Nisku, AB

Hazardous Recyclable or Waste Name	Uniform Waste Code				Quantity (kg or L)		Recycled	Disposed
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	Off-site	Off-site
Waste compressed gases, including cylinders	H331	UN1956	2.2	DC1	10			Recycle Systems - Nisku, AB
Waste compressed gases, including cylinders	H331	UN1971	2.1	DC1	5			Recycle Systems - Nisku, AB
Waste compressed gases, including cylinders	H331	UN1954	2.1	D10	100			Clean Harbors - La Porte, TX
Waste compressed gases, including cylinders	H331	UN1955	2.3	D10	10			Clean Harbors - La Porte, TX
Alk. Soln sludge/residue - metals, non-metals, no cyanide	N122	NR	NR	D3		205		Sellers Oilfield - Calmar, AB
Neutralized soln, sludgesm residues & other metals	N132	NR	NR	D3		410		Sellers Oilfield - Calmar, AB
Contaminated debris & soil from spills, accidents & leaks	N138	NR	NR	D10		364		Clean Harbors - Aragonite, UT
Waste from the use of paints, pigments & coatings	N145	NR	NR	D15		85		Clean Harbors - Red Deer, AB
Waste from the use of paints, pigments & coatings	N145	NR	NR	D10		217		Clean Harbors - Kimball, NE
Other specified inorganic sludges, slurries or solids	N146	NR	NR	D10		1964		Clean Harbors - Aragonite, UT
Other specified inorganic sludges, slurries or solids	N146	NR	NR	D10		11052		Clean Harbors - Delta, BC
Other specified inorganic sludges, slurries or solids	N146	NR	NR	D10		925		Clean Harbors - Kimball, NE
Miscellaneous waste inorganic chemicals	N148	NR	NR	D10		188		Clean Harbors - Aragonite, UT
Miscellaneous waste inorganic chemicals	N148	NR	NR	D10		5146		Clean Harbors - Delta, BC
Miscellaneous waste inorganic chemicals	N148	NR	NR	D3		3690		Sellers Oilfield - Calmar, AB
Inert inorganic waste	N150	NR	NR	D15		65365		Clean Harbors - Red Deer, AB
Inert inorganic waste	N150	NR	NR	R9		200	GFL 322 (Terrapure) - Edmonton, AB	
Inert inorganic waste	N150	NR	NR	D15		1809		Clean Harbors - Delta, BC
Inert inorganic waste	N150	NR	NR	R4		1981	Clean Harbors - Winnipeg, MB	
Batteries	N151	NR	NR	R4		48	Raw Materials - Port Colborne, ON	
Empty packages, bags, containers	N152	NR	NR	RC1		31490	Clean Harbors - Red Deer, AB	
Empty packages, bags, containers	N152	NR	NR	D10		2982		Clean Harbors - Aragonite, UT
Spent catalysts	N153	NR	NR	R4		4562	Raw Materials - Port Colborne, ON	
Aromatic solvents and residues	N211	NR	NR	D10		2693		Clean Harbors - Aragonite, UT
Aliphatic solvents & residues	N212	NR	NR	D10		2453		Clean Harbors - Aragonite, UT
Petroleum distillates	N213	NR	NR	D10		8381		Clean Harbors - Aragonite, UT
Light fuels	N221	NR	NR	D15		205		Clean Harbors - Delta, BC
Other polymeric waste	N233	NR	NR	D10		3002		Clean Harbors - Aragonite, UT
Other polymeric waste	N233	NR	NR	D10		363		Clean Harbors - Kimball, NE
Lhalogenated pesticides & herbicides	N241	NR	NR	D10		1510		Clean Harbors - Aragonite, UT
Polychlorinated bphenyls (PCB)	N243	UN2315	9	D10		205		Suez Canada - Swan Hills, AB
Waste oils/sludges (petroleum based)	N251	NR	NR	R9		410	GFL 322 (Terrapure) - Edmonton, AB	
Waste oils/sludges (petroleum based)	N251	NR	NR	D10		20819		Clean Harbors - Aragonite, UT
Waste oils/sludges (petroleum based)	N251	NR	NR	D15		615		Clean Harbors - Delta, BC
Waste oils/sludges (petroleum based)	N251	NR	NR	D10		484		Clean Harbors - Kimball, NE
Waste crankcase oils & lubricants	N252	NR	NR	R9		46810	Clean Harbors - Red Deer, AB	
Waste crankcase oils & lubricants	N252	NR	NR	R9		28755	GFL 322 (Terrapure) - Edmonton, AB	
Waste crankcase oils & lubricants	N252	NR	NR	D10		14885		Clean Harbors - Aragonite, UT
Waste crankcase oils & lubricants	N252	NR	NR	D15		2265		Clean Harbors - Delta, BC
Waste crankcase oils & lubricants	N252	NR	NR	D10		2987		Clean Harbors - El Dorado, AK
Waste crankcase oils & lubricants	N252	NR	NR	D10		2995		Clean Harbors - Kimball, NE
Waste crankcase oils & lubricants	N252	NR	NR	D3		110		Sellers Oilfield - Calmar, AB
Oily water waste oil from waste transfer/processing sites	N254	NR	NR	D15		4205		Clean Harbors - Delta, BC
Miscellaneous waste organic chemicals	N263	NR	NR	R9		200	GFL 322 (Terrapure) - Edmonton, AB	
Miscellaneous waste organic chemicals	N263	NR	NR	D10		58417		Clean Harbors - Aragonite, UT
Miscellaneous waste organic chemicals	N263	NR	NR	D15		1200		Clean Harbors - Delta, BC
Miscellaneous waste organic chemicals	N263	NR	NR	D10		5713		Clean Harbors - El Dorado, AK
Miscellaneous waste organic chemicals	N263	NR	NR	D10		23262		Clean Harbors - Kimball, NE
Miscellaneous waste organic chemicals	N263	NR	NR	D3		205		Sellers Oilfield - Calmar, AB
Other specified organic sludges, slurries and solids	N270	NR	NR	D10		3575		Clean Harbors - Aragonite, UT
Other specified organic sludges, slurries and solids	N270	NR	NR	D10		273		Clean Harbors - El Dorado, AK
Other specified organic sludges, slurries and solids	N270	NR	NR	D10		3870		Clean Harbors - Kimball, NE
Glycol solutions	N273	NR	NR	R3		18210	Clear GSI - Stettler, AB	
Glycol solutions	N273	NR	NR	R9		1000	GFL 322 (Terrapure) - Edmonton, AB	
Glycol solutions	N273	NR	NR	D3		4410		Sellers Oilfield - Calmar, AB
Sorbent materials	N274	NR	NR	D10		1196		Clean Harbors - Aragonite, UT
Sorbent materials	N274	NR	NR	D10		1295		Clean Harbors - Kimball, NE
Contaminated debris & soil from spills, accidents & leaks	N275	NR	NR	D10		7577		Clean Harbors - Aragonite, UT
Contaminated debris & soil from spills, accidents & leaks	N275	NR	NR	D10		817		Clean Harbors - El Dorado, AK
Contaminated debris & soil from spills, accidents & leaks	N275	NR	NR	D10		2593		Clean Harbors - Kimball, NE
Sludges from oil & gas operations	N276	NR	NR	D10		384		Clean Harbors - Aragonite, UT
Sludges from oil & gas operations	N276	NR	NR	D10		921		Clean Harbors - Kimball, NE
Waste compressed gases, including cylinders	N331	NR	NR	R4		786	Propane Busters - Calgary, AB	
				<b>TOTAL</b>	<b>2123840</b>	<b>412739</b>		

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Store On-site
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Acid solutions, sludges and residues containing heavy metals	H112	UN1760	8		410		Clean Harbors, Ryley
Acid solutions, sludges and residues containing heavy metals	H112	UN1789	8		19		Clean Harbors, Ryley
Acid solutions, sludges and residues containing heavy metals	H112	UN3264	8		1111		Clean Harbors, Ryley
Acid soln, sludge & residue with metals & non-metals	H113	UN3264	8		64		Clean Harbors, Ryley
Other inorganic acid wastes	H114	UN1789	8		100		Clean Harbors, Ryley
Other inorganic acid wastes	H114	UN1832	8		292		Clean Harbors, Ryley
Other inorganic acid wastes	H114	UN3098	5.1		222		Clean Harbors, Ryley
Other inorganic acid wastes	H114	UN3264	8		120		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1760	8		410		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1824	8		100		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN2672	8		80		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3267	8		19		Clean Harbors, Ryley
Wastes containing other reactive anions	H135	UN1493	5.1		13		Clean Harbors, Ryley
Inorganic oxidizing sales used as heat exchange medium	H137	UN1479	5.1		1409		Clean Harbors, Ryley
Inorganic oxidizing sales used as heat exchange medium	H137	UN1942	5.1		771		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H138	NR	NR		1680		Clean Harbors, Ryley
Residues from steel making	H143	UN3262	8		21140		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1210	3		713		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1263	3		4225		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1993	3		1435		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	NR	NR		410		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN1759	8		80		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3190	4.2		564		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3266	8		205		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN3082	9		57		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN3287	6.1		6		Clean Harbors, Ryley
Inert inorganic waste	H150	NR	NR		16680		Clean Harbors, Ryley
Batteries	H151	UN2794	8		362		Clean Harbors, Ryley
Spent catalysts	H153	UN3190	4.2		1400		Clean Harbors, Ryley
Aromatic solvents and residues	H211	UN1263	3		9809		Clean Harbors, Ryley
Aromatic solvents and residues	H211	UN1992	3		741		Clean Harbors, Ryley
Aromatic solvents and residues	H211	UN1993	3		12937		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN1193	3		1240		Clean Harbors, Ryley

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Store On-site
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Aliphatic solvents & residues	H212	UN1230	3		1019		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN1268	3		2443		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN1993	3		7995		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN2056	3		4		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN2232	6.1		2		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN3175	4.1		441		Clean Harbors, Ryley
Petroleum distillates	H213	NR	NR		2597		Clean Harbors, Ryley
Petroleum distillates	H213	UN1268	3		4940		Clean Harbors, Ryley
Petroleum distillates	H213	UN1992	3		80		Clean Harbors, Ryley
Petroleum distillates	H213	UN1993	3		1230		Clean Harbors, Ryley
Petroleum distillates	H213	UN2810	6.1		8		Clean Harbors, Ryley
Light fuels	H221	NR	NR		1930		Clean Harbors, Ryley
Light fuels	H221	UN1202	3		2320		Clean Harbors, Ryley
Light fuels	H221	UN1993	3		8410		Clean Harbors, Ryley
Polymeric resins	H232	UN1866	3		19		Clean Harbors, Ryley
Polymeric resins	H232	UN2925	4.1		24320		Clean Harbors, Ryley
Halogenated solvents and residues	H241	NR	NR		2081		Clean Harbors, Ryley
Halogenated solvents and residues	H241	UN1710	6.1		205		Clean Harbors, Ryley
Halogenated solvents and residues	H241	UN1992	3		2127		Clean Harbors, Ryley
Halogenated solvents and residues	H241	UN1993	3		410		Clean Harbors, Ryley
Halogenated solvents and residues	H241	UN2810	6.1		80		Clean Harbors, Ryley
Halogenated solvents and residues	H241	UN2922	8		273		Clean Harbors, Ryley
Halogenated pesticides & herbicides	H242	NR	NR		30		Clean Harbors, Ryley
Waste crankcase oils & lubricants	H252	NR	NR		429		Clean Harbors, Ryley
Emulsified oils	H253	NR	NR		820		Clean Harbors, Ryley
Detergents & soaps	H262	UN3266	8		4		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	NR	NR		608		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1760	8		19		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1824	8		267		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1992	3		660		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN2363	3		69		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN3267	8		361		Clean Harbors, Ryley
Organic acids	H267	UN1759	8		20		Clean Harbors, Ryley



Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Store On-site
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Amines	H268	UN2735	8		1570		Clean Harbors, Ryley
Amines	H268	UN3082	9		76		Clean Harbors, Ryley
Amines	H268	UN3267	8		1223		Clean Harbors, Ryley
Other specified organic sludges, slurries and solids	H270	UN2810	6.1		205		Clean Harbors, Ryley
Other specified organic sludges, slurries and solids	H270	UN2924	3		8190		Clean Harbors, Ryley
Activated carbon	H271	UN1362	4.2		7500		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	NR	NR		48000		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	UN3175	4.1		666		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	UN3244	8		10195		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN1028	2.2		36		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN1956	2.2		5		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN1973	2.2		20		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN1978	2.1		5		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN3159	2.2		64		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN3163	2.2		41		Clean Harbors, Ryley
Waste compressed gases, including cylinders	H331	UN3337	2.2		8		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	N122	NR	NR			615	Clean Harbors, Ryley
Produced water & similar brines	N136	NR	NR			250	Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	N138	NR	NR			10640	Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	N145	NR	NR			1031	Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	N146	NR	NR			22980	Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	N148	NR	NR			4050	Clean Harbors, Ryley
Inert inorganic waste	N150	NR	NR			49306	Clean Harbors, Ryley
Batteries	N151	NR	NR			67	Clean Harbors, Ryley
Empty packages, bags, containers	N152	NR	NR			3000	Clean Harbors, Ryley
Spent catalysts	N153	NR	NR			2680	Clean Harbors, Ryley
Aromatic solvents and residues	N211	NR	NR			5330	Clean Harbors, Ryley
Aliphatic solvents & residues	N212	NR	NR			2910	Clean Harbors, Ryley
Petroleum distillates	N213	NR	NR			205	Clean Harbors, Ryley
Light fuels	N221	NR	NR			205	Clean Harbors, Ryley
Waste crankcase oils & lubricants	N252	NR	NR			17440	Clean Harbors, Ryley
Detergents & soaps	N262	NR	NR			2820	Clean Harbors, Ryley
Miscellaneous waste organic chemicals	N263	NR	NR			37307	Clean Harbors, Ryley

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Store On-site
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Amines	N268	NR	NR			57	Clean Harbors, Ryley
Activated carbon	N271	NR	NR			7450	Clean Harbors, Ryley
Glycol solutions	N273	NR	NR			5290	Clean Harbors, Ryley
Sorbent materials	N274	NR	NR			2570	Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	N275	NR	NR			3528	Clean Harbors, Ryley
				<b>TOTAL</b>	<b>222849</b>	<b>179731</b>	

**CLEAN HARBORS CANADA, INC.**

**ANNUAL WASTE MANAGEMENT SUMMARY**

**PART 2**

**NON-HAZARDOUS WASTE LANDFILLED**

**&**

**HAZARDOUS WASTE LANDFILLED**

**2022**

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Acid soln, sludge & residues with metal & non-metal	N113	NONE	N/A	D5		17260	Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	N122	NONE	N/A	D5		70085	Clean Harbors, Ryley
Neutralized soln, sludges & residues & other metals	N132	NONE	N/A	D5		50800	Clean Harbors, Ryley
Produced water & similar brines	N136	NONE	N/A	D5		630	Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	N138	NONE	N/A	D5		1347308	Clean Harbors, Ryley
Residues from steel making	N143	NONE	N/A	D5		1000	Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	N145	NONE	N/A	D5		201126	Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	N146	NONE	N/A	D5		3832317	Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	N146	UN2212	9	D5		630	Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	N146	UN2590	9	D5		2406	Clean Harbors, Ryley
Chemical fertilizer wastes	N147	NONE	N/A	D5		205	Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	N148	NONE	N/A	D5		179461	Clean Harbors, Ryley
Inert inorganic waste	N150	NONE	N/A	D5		11570930	Clean Harbors, Ryley
Inert inorganic waste	N150	UN2212	9	D5		406100	Clean Harbors, Ryley
Inert inorganic waste	N150	UN2590	9	D5		236573	Clean Harbors, Ryley
Batteries	N151	NONE	N/A	D5		10395	Clean Harbors, Ryley
Empty packages, bags, containers	N152	NONE	N/A	D5		1234498	Clean Harbors, Ryley
Spent catalysts	N153	NONE	N/A	D5		1189443	Clean Harbors, Ryley
Desiccants - Silica gel, activated alumina & molecular	N154	NONE	N/A	D5		130135	Clean Harbors, Ryley
Aromatic solvents and residues	N211	NONE	N/A	D5		45	Clean Harbors, Ryley
Aliphatic solvents & residues	N212	NONE	N/A	D5		1940	Clean Harbors, Ryley
Petroleum distillates	N213	NONE	N/A	D5		2990	Clean Harbors, Ryley
Solidified, de-watered latex wastes	N231	NONE	N/A	D5		1205	Clean Harbors, Ryley
Polymeric resins	N232	NONE	N/A	D5		23315	Clean Harbors, Ryley
Other polymeric waste	N233	NONE	N/A	D5		29077	Clean Harbors, Ryley
Halogenated pesticides & herbicides	N242	NONE	N/A	D5		93390	Clean Harbors, Ryley
Waste oils/sludges (petroleum based)	N251	NONE	N/A	D5		5995	Clean Harbors, Ryley
Waste crankcase oils & lubricants	N252	NONE	N/A	D5		699482	Clean Harbors, Ryley
Oily water waste oil from waste transfer/processing sites	N254	NONE	N/A	D5		2615	Clean Harbors, Ryley
Water filters	N257	NONE	N/A	D5		33930	Clean Harbors, Ryley
Detergents & soaps	N262	NONE	N/A	D5		2400	Clean Harbors, Ryley
Miscellaneous waste organic chemicals	N263	NONE	N/A	D5		2110403	Clean Harbors, Ryley
Graphic arts wastes	N265	NONE	N/A	D5		5114	Clean Harbors, Ryley

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Phenolic waste streams	N266	NONE	N/A	D5		78150	Clean Harbors, Ryley
Organic acids	N267	NONE	N/A	D5		23990	Clean Harbors, Ryley
Amines	N268	NONE	N/A	D5		410	Clean Harbors, Ryley
Other specified organic sludges, slurries and solids	N270	NONE	N/A	D5		759949	Clean Harbors, Ryley
Activated carbon	N271	NONE	N/A	D5		18814001	Clean Harbors, Ryley
Drilling muds including fresh water gel bentonite, salt	N272	NONE	N/A	D5		820	Clean Harbors, Ryley
Glycol solutions	N273	NONE	N/A	D5		2960	Clean Harbors, Ryley
Sorbent materials	N274	NONE	N/A	D5		648311	Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	N275	NONE	N/A	D5		19461688	Clean Harbors, Ryley
Sludges from oil & gas operations	N276	NONE	N/A	D5		191500	Clean Harbors, Ryley
<b>Total Non-Hazardous Waste Landfilled (kg)</b>						<b>63,474,982</b>	

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	NONE	N/A	D5	74590		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1759	8	D5	1450		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1760	8	D5	20		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1823	8	D5	205		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN1824	8	D5	75		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3253	8	D5	205		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3262	8	D5	8812		Clean Harbors, Ryley
Alk. Soln sludge/residue - metals, non-metals, no cyanide	H122	UN3266	8	D5	350		Clean Harbors, Ryley
Alk. phosphates	H123	NONE	N/A	D5	2390		Clean Harbors, Ryley
Neutralized solutions, sludges, residues with heavy metals	H131	NONE	N/A	D5	165540		Clean Harbors, Ryley
Wastes containing sulphides	H134	UN3190	4.2	D5	1220		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H138	NONE	N/A	D5	3077550		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H138	UN1823	8	D5	162290		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H138	UN3175	4.1	D5	74520		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H138	UN3262	8	D5	600		Clean Harbors, Ryley
Residues from steel making	H143	NONE	N/A	D5	4726487		Clean Harbors, Ryley
Residues from steel making	H143	UN3262	8	D5	4909933		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	NONE	N/A	D5	3508000		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1210	3	D5	200		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1263	3	D5	3303		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN1294	3	D5	820		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN3082	9	D5	205		Clean Harbors, Ryley
Waste from the use of paints, pigments & coatings	H145	UN3175	4.1	D5	406244		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	NONE	N/A	D5	2457366		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN2811	6.1	D5	3560		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3077	9	D5	18540		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3190	4.2	D5	1000		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3260	8	D5	87010		Clean Harbors, Ryley
Other specified inorganic sludges, slurries or solids	H146	UN3509	9	D5	2900		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	NONE	N/A	D5	65205		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN1350	4.1	D5	45540		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN1760	8	D5	715		Clean Harbors, Ryley

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Miscellaneous waste inorganic chemicals	H148	UN1823	8	D5	205		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN3260	8	D5	25		Clean Harbors, Ryley
Miscellaneous waste inorganic chemicals	H148	UN3264	8	D5	580		Clean Harbors, Ryley
Inert inorganic waste	H150	NONE	N/A	D5	84880		Clean Harbors, Ryley
Inert inorganic waste	H150	UN1350	4.1	D5	2000		Clean Harbors, Ryley
Inert inorganic waste	H150	UN2212	9	D5	3941		Clean Harbors, Ryley
Inert inorganic waste	H150	UN2590	9	D5	2199		Clean Harbors, Ryley
Inert inorganic waste	H150	UN3077	9	D5	8980		Clean Harbors, Ryley
Batteries	H151	NONE	N/A	D5	185		Clean Harbors, Ryley
Empty packages, bags, containers	H152	NONE	N/A	D5	2500		Clean Harbors, Ryley
Empty packages, bags, containers	H152	UN1993	3	D5	80		Clean Harbors, Ryley
Empty packages, bags, containers	H152	UN3082	9	D5	10		Clean Harbors, Ryley
Empty packages, bags, containers	H152	UN3509	9	D5	3760		Clean Harbors, Ryley
Spent catalysts	H153	NONE	N/A	D5	2544677		Clean Harbors, Ryley
Spent catalysts	H153	UN1759	8	D5	12340		Clean Harbors, Ryley
Spent catalysts	H153	UN2881	4.2	D5	4920		Clean Harbors, Ryley
Spent catalysts	H153	UN3077	9	D5	127810		Clean Harbors, Ryley
Spent catalysts	H153	UN3175	4.1	D5	26235		Clean Harbors, Ryley
Spent catalysts	H153	UN3190	4.2	D5	394292		Clean Harbors, Ryley
Spent catalysts	H153	UN3262	8	D5	14660		Clean Harbors, Ryley
Spent catalysts	H153	UN3285	6.1	D5	50630		Clean Harbors, Ryley
Desiccants - Silica gel, activated alumina & molecular	H154	NONE	N/A	D5	3591564		Clean Harbors, Ryley
Desiccants - Silica gel, activated alumina & molecular	H154	UN3175	4.1	D5	49170		Clean Harbors, Ryley
Fluorescent lamps (mercury, sodium)	H155	NONE	N/A	D5	12215		Clean Harbors, Ryley
Aromatic solvents and residues	H211	NONE	N/A	D5	4800		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	NONE	N/A	D5	1200		Clean Harbors, Ryley
Aliphatic solvents & residues	H212	UN1268	3	D5	650		Clean Harbors, Ryley
Petroleum distillates	H213	NONE	N/A	D5	555		Clean Harbors, Ryley
Petroleum distillates	H213	UN1139	3	D5	300		Clean Harbors, Ryley
Petroleum distillates	H213	UN1993	3	D5	3225		Clean Harbors, Ryley
Light fuels	H221	NONE	N/A	D5	615		Clean Harbors, Ryley
Polymeric resins	H232	UN2925	4.1	D5	130150		Clean Harbors, Ryley

Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Polymeric resins	H232	UN3261	8	D5	20026		Clean Harbors, Ryley
Polymeric resins	H232	UN3265	8	D5	2710		Clean Harbors, Ryley
Other polymeric waste	H233	NONE	N/A	D5	410		Clean Harbors, Ryley
Halogenated solvents and residues	H241	NONE	N/A	D5	252550		Clean Harbors, Ryley
Halogenated pesticides & herbicides	H242	NONE	N/A	D5	14180		Clean Harbors, Ryley
Waste oils/sludges (petroleum based)	H251	NONE	N/A	D5	4276785		Clean Harbors, Ryley
Waste oils/sludges (petroleum based)	H251	UN3175	4.1	D5	3817920		Clean Harbors, Ryley
Waste crankcase oils & lubricants	H252	NONE	N/A	D5	684		Clean Harbors, Ryley
Emulsified oils	H253	NONE	N/A	D5	6560		Clean Harbors, Ryley
Filters from oils & gas processing	H256	NONE	N/A	D5	23510		Clean Harbors, Ryley
Filters from oils & gas processing	H256	UN3088	4.2	D5	10560		Clean Harbors, Ryley
Filters from oils & gas processing	H256	UN3190	4.2	D5	73040		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	NONE	N/A	D5	10400		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1654	6.1	D5	615		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1760	8	D5	935		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN1993	3	D5	20100		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN2924	3	D5	40		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN3175	4.1	D5	8375		Clean Harbors, Ryley
Miscellaneous waste organic chemicals	H263	UN3190	4.2	D5	615		Clean Harbors, Ryley
Amines	H268	UN2735	8	D5	4205		Clean Harbors, Ryley
Amines	H268	UN3082	9	D5	2000		Clean Harbors, Ryley
Amines	H268	UN3088	4.2	D5	1590		Clean Harbors, Ryley
Amines	H268	UN3267	8	D5	500		Clean Harbors, Ryley
Organic non-halogenated pesticides & herbicide waste	H269	UN2810	6.1	D5	700		Clean Harbors, Ryley
Other specified organic sludges, slurries and solids	H270	NONE	N/A	D5	13005374		Clean Harbors, Ryley
Other specified organic sludges, slurries and solids	H270	UN3175	4.1	D5	16796643		Clean Harbors, Ryley
Activated carbon	H271	NONE	N/A	D5	7920		Clean Harbors, Ryley
Activated carbon	H271	UN1325	4.1	D5	38080		Clean Harbors, Ryley
Activated carbon	H271	UN1362	4.2	D5	48575		Clean Harbors, Ryley
Activated carbon	H271	UN3088	4.2	D5	11310		Clean Harbors, Ryley
Activated carbon	H271	UN3190	4.2	D5	14670		Clean Harbors, Ryley
Drilling muds including fresh water gel bentonite, salt	H272	NONE	N/A	D5	67630		Clean Harbors, Ryley



Hazardous Recycle or Waste Name	Uniform Waste Code				Quantity (kg or L)		Disposed Onsite
	Waste Code	PIN	Class	Management Code	Hazardous	Non-hazardous	
Glycol solutions	H273	NONE	N/A	D5	215		Clean Harbors, Ryley
Sorbent materials	H274	NONE	N/A	D5	151258		Clean Harbors, Ryley
Sorbent materials	H274	UN3175	4.1	D5	410		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	NONE	N/A	D5	28421731		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	UN1759	8	D5	23960		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	UN3175	4.1	D5	297580		Clean Harbors, Ryley
Contaminated debris & soil from spills, accidents & leaks	H275	UN3244	8	D5	55325		Clean Harbors, Ryley
Sludges from oil & gas operations	H276	NONE	N/A	D5	44140		Clean Harbors, Ryley
<b>Total Hazardous Waste Landfilled (kg)</b>					<b>94,420,029</b>		