	mation	
10	Company Name	Terra International (Canada) Inc.
	Facility Name	CF Industries Courtright Nitrogen Complex
	Facility Physical Address	161 Bickford Line, Courtright, ON, Canada, N0N 1H0
	Facility Mailing Address	Same as physical address
S	Spatial Coordinates of Facility	381104 Easting; 4735453 Northing
Ν	Number of Employees	210
Ν	NPRI ID	2233
2	2 Digit NAICS Code	31-33
	1 Digit NAICS Code	3253
	6 Digit NAICS Code	325313
	Dany Information	
	Parent Company Name	CF Industries Holdings Inc.
-	Address	Suite 400 - 4 Parkway North, Deerfield, IL, USA, 60015-2590
	Percent Ownership (if available)	100.00%
یں acility Cont ⁼		100.0070
	Public Contact	Pana Pana
		Rene Rong
-	Position	Environmental Manager
	Address	161 Bickford Line, Courtright, ON, Canada, NON 1H0
	email	RRong@cfindustries.com
	Phone	519-867-2739 x1605
F	Fax	519-867-3173
	Reporting Year Summary Date	2020 September 30, 2021
(ckel, Ammonía, Nitrate Ion, Nitric Acid, Chromium (VI) Compounds, PM10, PM2.5,
(CO, NOx, Hexane, Propane, Butane an	d Pentane
	ances reported in 2019RY that did not me	et the reporting threshold in 2020RY:
i oxics substa		
oxics substa		
ioxics substa		
	- 4161 41	
Copy of Ce	rtification:	
Copy of Ce		
Copy of Ce As of Septer	mber 30, 2021, I certify that I have re	ead the report on the toxic substance reduction plan(s) for the toxics listed above and
Copy of Ce	mber 30, 2021, I certify that I have re	
Copy of Ce As of Septer am familiar v	mber 30, 2021, I certify that I have re with their contents and to my knowle	
Copy of Ce As of Septer am familiar v	mber 30, 2021, I certify that I have re with their contents and to my knowle	dge the information contained in the report(s) is factually accurate and complies with
Copy of Ce As of Septer am familiar v	mber 30, 2021, I certify that I have re with their contents and to my knowle	dge the information contained in the report(s) is factually accurate and complies with
Copy of Cer As of Septer am familiar v the Toxics R	mber 30, 2021, I certify that I have re with their contents and to my knowle	dge the information contained in the report(s) is factually accurate and complies with gulation 455/09 (General) made under that Act.
Copy of Cer As of Septer am familiar v the Toxics R The original	mber 30, 2021, I certify that I have re with their contents and to my knowle Reduction Act, 2009 and Ontario Reg version of this report is signed off by	dge the information contained in the report(s) is factually accurate and complies with gulation 455/09 (General) made under that Act.
Copy of Cer As of Septer am familiar v the Toxics R The original Highest Ra	mber 30, 2021, I certify that I have re with their contents and to my knowle Reduction Act, 2009 and Ontario Reg version of this report is signed off by nking Employee: Greg Kennette	dge the information contained in the report(s) is factually accurate and complies with gulation 455/09 (General) made under that Act.
Copy of Cer As of Septer am familiar v the Toxics R The original Highest Ra r Title: Gener	mber 30, 2021, I certify that I have re with their contents and to my knowle Reduction Act, 2009 and Ontario Reg version of this report is signed off by	dge the information contained in the report(s) is factually accurate and complies with gulation 455/09 (General) made under that Act.
Copy of Cer As of Septer am familiar v the Toxics R The original Highest Ra	mber 30, 2021, I certify that I have re with their contents and to my knowle Reduction Act, 2009 and Ontario Reg version of this report is signed off by nking Employee: Greg Kennette	dge the information contained in the report(s) is factually accurate and complies with gulation 455/09 (General) made under that Act.

	CF Indust	ries Courtright	Nitrogen Comp	olex	
	Toxics F	Reduction Public	Summary Repo	rt	
bstance	e Information and Plan Objective				
	Substance Name	COPPER (AND I	TS COMPOUNDS)		
	CAS #		nber applies to this su		
	Report Date:	September 30, 202			
	Plan Date:	15-Dec-12			
	Plan Objectives and Targets	the use of copper, we will continue environmental regu we will continue	s Courtright Nitrogen the plan was develop to operate in full com llations; and to manage and preve prevention and best	bed with the followin apliance with all app ent releases of copp	g objectives: licable per through current
xics Su	bstance Accounting and Comparison				-
	Pathways	2019	2020	Delta	Delta %
	Units reported	tonnes	tonnes	. 0.1 1	00/
	U - Enters the Process (Raw Materials)	>0 to 1	>0 to 1	>0 to -1	-9%
	C - Created P - In a product that leaves the process	0 >0 to 1	0 >0 to 1	NA >0 to -1	NA -9%
	Summary of reasons for changes between current year and previous year.	Insignificant			
		J. J			
)gress i	On-site releases from the facility to air, we be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken.	ater and land, as w http://www.ec.gc.ca calendar year to			-site recycling can
ogress i	On-site releases from the facility to air, we be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox	ater and land, as w http://www.ec.gc.ca calendar year to cics reductions he previous summary of the	a/inrp-npri/default.a		-site recycling can
ogress i	On-site releases from the facility to air, we be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a sumpart of the toxic, and a summary	ater and land, as w http://www.ec.gc.ca calendar year to cics reductions he previous summary of the sult of those actions.	a/inrp-npri/default.a		-site recycling can

	CF Indus	tries Courtright	Nitrogen Com	olex	
	Toxics	Reduction Public	: Summary Repo	ort	
stance	e Information and Plan Objective				
	Substance Name	COBALT (AND ITS	COMPOUNDS)		
	CAS #	No single CAS nur	nber applies to this s	ubstance	
	Report Date:	September 30, 202	21		
	Plan Date:	27-Nov-17			
			s Courtright Nitroger alt, the plan was dev		
	Plan Objectives and Targets	 we will continue environmental regulation we will continue 	to operate in full con	npliance with all app ent releases of cob	alt through current
s Su	bstance Accounting and Comparison				
	Pathways	2019	2020	Delta	Delta %
	Units reported U - Enters the Process (Raw Materials)	kg	kg	>0 to 1	00/
	C - Created	>0 to 1	>0 to 1	>0 to -1 NA	-9% NA
	P - In a product that leaves the process	>0 to 1	>0 to 1	>0 to -1	-9%
	Summary of reasons for changes between				
	current year and previous year.	Insignificant			
ress i	On-site releases from the facility to air, w be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to	/ater and land, as w http://www.ec.gc.c calendar year to			f-site recycling can
ress i	On-site releases from the facility to air, w be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous	vater and land, as w http://www.ec.gc.c calendar year to xics reductions the previous summary of the	a/inrp-npri/default.a		F-site recycling can
ress i	On-site releases from the facility to air, w be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a	vater and land, as w http://www.ec.gc.c calendar year to xics reductions the previous summary of the sult of those actions.	a/inrp-npri/default.a		f-site recycling can

	CF Indust	ries Courtright	Nitrogen Comp	blex	
	Toxics F	Reduction Public	Summary Repo	rt	
bstanc	e Information and Plan Objective				
	Substance Name	ZINC (AND ITS C	OMPOUNDS)		
	CAS #		ber applies to this si	ubstance	
	Report Date:	September 30, 202			
	Plan Date:	15-Dec-12			
	Plan Objectives and Targets	the use of zinc, the we will continue environmental regu we will continue	s Courtright Nitrogen plan was developed to operate in full com lations; and to manage and preve prevention and best	with the following on apliance with all app ent releases of zinc	bjectives: licable through current
cics Su	Ibstance Accounting and Comparison			Datta	
	Pathways	2019	2020	Delta	Delta %
	Units reported U - Enters the Process (Raw Materials)	>0 to 1	tonnes >0 to 1	>0 to -1	-9%
	C - Created	0	0	NA	NA
	P - In a product that leaves the process	>0 to 1	>0 to 1	>0 to -1	-9%
	Summary of reasons for changes between current year and previous year.	Insignificant			
gress	On-site releases from the facility to air, we be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken.	http://www.ec.gc.ca			-site recycling can
gress	be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox	http://www.ec.gc.ca calendar year to cics reductions he previous summary of the	a/inrp-npri/default.a		-site recycling can
gress	be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a statement of the steps taken.	http://www.ec.gc.ca calendar year to cics reductions he previous summary of the sult of those actions.	a/inrp-npri/default.a		-site recycling can

CF Industries Courtright Nitrogen Complex Toxics Reduction Public Summary Report Substance Information and Plan Objective NICKEL (AND ITS COMPOUNDS EXCEPT NICKEL CARBONYL) Substance Name CAS # No single CAS number applies to this substance Report Date: September 30, 2021 Plan Date: 1-Dec-14 While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of nickel, the plan was developed with the following objectives: we will continue to operate in full compliance with all applicable Plan Objectives and Targets environmental regulations; and we will continue to manage and prevent releases of nickel through current and future pollution prevention and best management practices. **Toxics Substance Accounting and Comparison** Pathways 2019 2020 Delta Delta % Units reported tonnes tonnes U - Enters the Process (Raw Materials) >0 to 1 >0 to 1 >0 to -1 -9% NA C - Created NA 0 0 P - In a product that leaves the process >0 to 1 >0 to 1 >0 to -1 -9% Summary of reasons for changes between Insignificant current year and previous year. On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling can be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en Progress in Implementing Plan Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions Not Applicable achieved as a result of the steps taken. Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the Not Applicable steps and toxics reductions achieved as a result of those actions Summary of differences between steps taken and those set out Not Applicable in the plan. Description of amendments to the plan. Not Applicable

	CF Indust	ries Courtright	Nitrogen Com	olex	
	Toxics F	Reduction Public	: Summary Repo	ort	
Substance	e Information and Plan Objective				
	Substance Name	SULPHURIC ACID			
	CAS #	7664-93-9			
	Report Date:	September 30, 202	21		
	Plan Date:	15-Dec-12			
	Plan Objectives and Targets	sulphuric acid, our	ational (Canada) Inc. goal is to further min tinuous improvemen ices.	imize the potential fo	or sulphuric acid
Toxics Su	bstance Accounting and Comparison		1		
	Pathways	2019	2020	Delta	Delta %
	Units reported	tonnes	tonnes	5 40 to 100	000/
	U - Enters the Process (Raw Materials)	>100 to 1000	>100 to 1000	> -10 to -100	-28%
	C - Created P - In a product that leaves the process	0	0	NA NA	NA NA
	Summary of reasons for changes between current year and previous year.	Decrease in purcha			
Progress i	On-site releases from the facility to air, we be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous	http://www.ec.gc.ca	a/inrp-npri/default.a		-site recycling can
	implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a st	he previous	Not Applicable		
	steps and toxics reductions achieved as a res Summary of differences between steps taken in the plan.		Not Applicable		
	Description of amendments to the plan.		Not Applicable		

Substance Name	PM10			
CAS #		nber applies to this s	ubstance	
Report Date:	September 30, 202		abolance	
Plan Date:	15-Dec-13			
Plan Objectives and Targets	the creation of part objectives: we will continue environmental regu we will continue through current and	s Courtright Nitrogen iculate matter, the pl to operate in full con ilations; and to manage and prev d future pollution pre	an was developed v npliance with all app ent releases of part	with the followin plicable ticulate matter
	practices.			
ostance Accounting and Comparison	2040	2020	Dalta	Delte %
Pathways Units reported	2019 tonnes	2020 tonnes	Delta	Delta %
U - Enters the Process (Raw Materials)	0	0	NA	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-11%
P - In a product that leaves the process	0	0	NA	NA
Summary of reasons for changes betwee current year and previous year.	Decrease in produc	ction and natural gas	C C	
current year and previous year. On-site releases from the facility to a be viewed by searching for this facili n Implementing Plan	air, water and land, as w	ell as on and off-si	te disposal and off	f-site recycling
current year and previous year. On-site releases from the facility to a be viewed by searching for this facili	air, water and land, as w ity at http://www.ec.gc.ca vious calendar year to he toxics reductions	ell as on and off-si	te disposal and off	f-site recycling
current year and previous year. On-site releases from the facility to a be viewed by searching for this facili n Implementing Plan Summary of steps taken during the prev implement the plan and a summary of the	air, water and land, as w ity at http://www.ec.gc.ca vious calendar year to he toxics reductions rring the previous nd a summary of the	ell as on and off-si a/inrp-npri/default.a	te disposal and off	f-site recycling
current year and previous year. On-site releases from the facility to a be viewed by searching for this facili n Implementing Plan Summary of steps taken during the prev implement the plan and a summary of the achieved as a result of the steps taken. Summary of additional actions taken du calendar year that impacted the toxic, a	air, water and land, as w ity at http://www.ec.gc.ca vious calendar year to he toxics reductions rring the previous nd a summary of the s a result of those actions.	ell as on and off-si a/inrp-npri/default.a	te disposal and off	f-site recycling

Information and Plan Objective Substance Name	PM2.5			
CAS #	-	ber applies to this s	ubstance	
Report Date:	September 30, 202			
Plan Date:	15-Dec-13	1		
	15-Dec-15			
Plan Objectives and Targets	the creation of parti objectives: we will continue environmental regu we will continue	s Courtright Nitrogen iculate matter, the pl to operate in full con ilations; and to manage and prev d future pollution pre	an was developed v npliance with all app ent releases of part	vith the followin blicable iculate matter
ostance Accounting and Comparison	1			
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	NA	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-12%
P - In a product that leaves the process	0	0	NA	NA
	U	Ū		
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air	Decrease in produc	ction and natural gas	usage ie disposal and off	
Summary of reasons for changes between current year and previous year.	Decrease in produc	ction and natural gas	usage ie disposal and off	
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air be viewed by searching for this facility	Decrease in product, water and land, as we at http://www.ec.gc.ca	ction and natural gas	usage ie disposal and off	
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air be viewed by searching for this facility n Implementing Plan Summary of steps taken during the previo implement the plan and a summary of the	Decrease in product , water and land, as we at http://www.ec.gc.ca bus calendar year to toxics reductions	ction and natural gas ell as on and off-sit a/inrp-npri/default.a	usage ie disposal and off	
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air be viewed by searching for this facility n Implementing Plan Summary of steps taken during the previo implement the plan and a summary of the achieved as a result of the steps taken. Summary of additional actions taken durin calendar year that impacted the toxic, and	Decrease in product , water and land, as we at http://www.ec.gc.ca bus calendar year to toxics reductions ang the previous d a summary of the a result of those actions.	ction and natural gas ell as on and off-sit a/inrp-npri/default.a Not Applicable	usage ie disposal and off	

Substance Name	CO			
CAS #	630-08-0			
Report Date:	September 30, 202	1		
Plan Date:	15-Dec-13	1		
Plan Objectives and Targets	 While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of carbon monoxide, the plan was developed with the following objectives: we will continue to operate in full compliance with all applicable environmental regulations; and 			
	• we will continue to	manage and preve	nt releases of carbon vention and best mar	
stance Accounting and Comparison	1			
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	NA	NA
C - Created P - In a product that leaves the process	>100 to 1000	>100 to 1000 0	> -10 to -100 NA	-10% NA
Summary of reasons for changes between				
current year and previous year.		tion and natural gas	C	
	ater and land, as w http://www.ec.gc.ca calendar year to	ell as on and off-sit	e disposal and off-	site recycling
current year and previous year. On-site releases from the facility to air, w be viewed by searching for this facility at n Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the too	ater and land, as w http://www.ec.gc.ca calendar year to kics reductions he previous summary of the	ell as on and off-sit //inrp-npri/default.a	e disposal and off-	site recycling
current year and previous year. On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the toy achieved as a result of the steps taken. Summary of additional actions taken during t calendar year that impacted the toxic, and a	ater and land, as w http://www.ec.gc.ca calendar year to kics reductions he previous summary of the sult of those actions.	ell as on and off-sit //inrp-npri/default.a	e disposal and off-	site recycling

	Reduction Public	······································		
Information and Plan Objective	1			
Substance Name	NOx			
CAS #	11104-93-1			
Report Date:	September 30, 202	1		
Plan Date:	15-Dec-13			
Plan Objectives and Targets	the creation of nitro objectives: we will continue environmental regu we will continue	gen oxides, the plar to operate in full cor lations; and to manage and prev	n Complex does not in n was developed with npliance with all app vent releases of nitro evention and best ma	n the following licable gen oxides
stance Accounting and Comparison				
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	NA	NA
C - Created	>100 to 1000	>100 to 1000	> -10 to -100	-10%
P - In a product that leaves the process	0	0	NA	NA
Summary of reasons for changes between current year and previous year.	Decrease in produc	ction and natural gas	susage	
On-site releases from the facility to air, wa				-site recycling
be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous of implement the plan and a summary of the tox achieved as a result of the steps taken.	calendar year to	Not Applicable		

Substance Name	n-hexane			
CAS #	110-54-3			
Report Date:	September 30, 202	1		
Plan Date:	15-Dec-13			
Plan Objectives and Targets	environmental regu	xane, the plan was o operate in full comp lations; and o manage and preve	developed with the f pliance with all appli nt releases of n-hex	ollowing cable ane through
stance Accounting and Comparison	0010		D. //.	Dalla 0/
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes	NIA	NIA
U - Enters the Process (Raw Materials)	0	0	NA	NA -12%
C - Created P - In a product that leaves the process	>1 to 10	>1 to 10	>0 to -1 NA	-12% NA
Summary of reasons for changes between				
current year and previous year.	Decrease in natural	0 0		
current year and previous year. On-site releases from the facility to air, v be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken.	vater and land, as we t http://www.ec.gc.ca	ell as on and off-sit		-site recycling
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to	vater and land, as we t http://www.ec.gc.ca s calendar year to oxics reductions the previous summary of the	ell as on and off-sit /inrp-npri/default.a		-site recycling
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and a	vater and land, as we t http://www.ec.gc.ca s calendar year to oxics reductions the previous summary of the esult of those actions.	ell as on and off-sit /inrp-npri/default.a Not Applicable		-site recycling

Substance Name	propane			
CAS #	74-98-6			
Report Date:	September 30, 202	1		
Plan Date:	15-Dec-13			
Plan Objectives and Targets	the creation of prop • we will continue to environmental regul • we will continue to	Courtright Nitrogen ane, the plan was de operate in full comp ations; and manage and preve prevention and best	eveloped with the fo bliance with all appli nt releases of propa	bllowing objectives icable ane through currer
stance Accounting and Comparison			Dalka	Delta %
Pathways	2019	2020	Delta	Delta %
Units reported U - Enters the Process (Raw Materials)	tonnes 0	tonnes 0	NA	NA
C - Created	>1 to 10	>1 to 10	>0 to -1	-12%
P - In a product that leaves the process	0	0	NA	-12%
Summary of reasons for changes between	Decrease in natural	das usade		
current year and previous year.			a disposal and off	f cito roovoling o
current year and previous year. On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken.	vater and land, as we http://www.ec.gc.ca	ell as on and off-sit		f-site recycling ca
On-site releases from the facility to air, we be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the totachieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps and toxics reductions achieved as a result of the steps achieved as a result of the steps and toxics reductions achieved as a result of the steps achieved achieved as a result of the steps achieved achieved achieved as a result of the steps achieved	vater and land, as we that http://www.ec.gc.ca calendar year to xics reductions the previous summary of the esult of those actions.	ell as on and off-sit /inrp-npri/default.a		f-site recycling ca
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a	vater and land, as we that http://www.ec.gc.ca calendar year to xics reductions the previous summary of the esult of those actions.	ell as on and off-sit /inrp-npri/default.a Not Applicable		f-site recycling ca

CF Industries Courtright	t Nitrogen Complex
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Substance Name	BUTANE AND ALL	LIS ISOMERS			
CAS #	106-97-8				
Report Date:	September 30, 202	21			
Plan Date:	15-Dec-13				
Plan Objectives and Targets	 the creation of buta we will continue to environmental regulation we will continue to the second seco	s Courtright Nitrogen ane, the plan was dev o operate in full comp lations; and o manage and preven n prevention and best	veloped with the foll pliance with all appli nt releases of butan	owing objectives cable e through currer	
bstance Accounting and Comparison					
Pathways	2019	2020	Delta	Delta %	
Units reported	tonnes	tonnes			
U - Enters the Process (Raw Materials)	0	0	NA	NA	
C - Created	>1 to 10	>1 to 10	>0 to -1	-12%	
P - In a product that leaves the process	0	0	NA	NA	
Summary of reasons for changes between current year and previous year.	Decrease in natura	al gas usage			
On-site releases from the facility to air, be viewed by searching for this facility a				-site recycling	
	at http://www.ec.gc.ca			-site recycling	
be viewed by searching for this facility a n Implementing Plan Summary of steps taken during the previou implement the plan and a summary of the t	at http://www.ec.gc.ca is calendar year to oxics reductions g the previous a summary of the	a/inrp-npri/default.a		-site recycling	
be viewed by searching for this facility a n Implementing Plan Summary of steps taken during the previou implement the plan and a summary of the t achieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and a	at http://www.ec.gc.ca as calendar year to oxics reductions g the previous a summary of the result of those actions.	a/inrp-npri/default.a		-site recycling	

Information and Plan Objective					
Substance Name	Pentane and its isc	mers			
CAS #	109-66-0				
Report Date:	September 30, 202	1			
Plan Date:	15-Dec-13				
Plan Objectives and Targets	 While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of pentane, the plan was developed with the following objectives we will continue to operate in full compliance with all applicable environmental regulations; and we will continue to manage and prevent releases of pentane through current and future pollution prevention and best management practices. 				
ostance Accounting and Comparison	0040		Diffe	D. H. M	
Pathways Units reported	2019 tonnes	2020 tonnes	Delta	Delta %	
U - Enters the Process (Raw Materials)	0	0	NA	NA	
C - Created	>1 to 10	>1 to 10	>0 to -1	-12%	
P - In a product that leaves the process	0	0	NA	NA	
Summary of reasons for changes between current year and previous year.	Decrease in natura	l gas usage			
On-site releases from the facility to air, w be viewed by searching for this facility at				-site recycling c	
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan	http://www.ec.gc.ca			-site recycling c	
On-site releases from the facility to air, w be viewed by searching for this facility at	: http://www.ec.gc.ca			-site recycling c	
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to	calendar year to xics reductions the previous summary of the	a/inrp-npri/default.as		^z -site recycling c	
On-site releases from the facility to air, w be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a	calendar year to xics reductions the previous summary of the sult of those actions.	a/inrp-npri/default.as		-site recycling c	

	1				
Substance Name	Ammonia				
CAS #	7664-41-7				
Report Date:	September 30, 202	21			
Plan Date:	15-Dec-13				
Plan Objectives and Targets	the use or creation objectives: • we will continue to environmental regu • we will continue to	of ammonia, the p o operate in full con lations; and o manage and prev	en Complex does not int lan was developed with mpliance with all applica vent releases of ammoni n and best management	the following ble a through	
stance Accounting and Comparison					
Pathways	2019	2020	Delta	Delta %	
Units reported	tonnes	tonnes			
U - Enters the Process (Raw Materials)	>1 to 10	>0 to 1	> -1 to -10	-96%	
	>100,000 to	>100,000 to			
C - Created	1,000,000	1,000,000	>-10,000 to -100,000	-6%	
P - In a product that leaves the process	>100,000 to 1,000,000	>100,000 to 1,000,000	> -1000 to -10,000	-4%	
Summary of reasons for changes between	Decrease in Ammonia production and Decrease in total effluent loading of process water brought on site				
		ight on site			
current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken.	ater and land, as w http://www.ec.gc.ca calendar year to	ight on site ell as on and off-	•	ite recycling	
On-site releases from the facility to air, we be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a sisteps and toxics reductions achieved as a result Summary of differences between steps taken	ater and land, as w http://www.ec.gc.ca calendar year to cics reductions he previous summary of the sult of those actions.	ight on site ell as on and off- a/inrp-npri/default	•	ite recycling	
On-site releases from the facility to air, we be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a sisteps and toxics reductions achieved as a result	ater and land, as w http://www.ec.gc.ca calendar year to cics reductions he previous summary of the sult of those actions.	ight on site ell as on and off- a/inrp-npri/default Not Applicable Not Applicable	•	ite recycling	

Substance Name	Nitrate Ion			
CAS #		nber applies to this s	ubstance	
Report Date:	September 30, 202		abotanoo	
Plan Date:	15-Dec-13	••		
Plan Objectives and Targets	the use or creation objectives: we will continue environmental regu we will continue	of nitrate ion, the pla to operate in full con llations; and to manage and prev	Complex does not in in was developed with appliance with all appli- ent releases of nitrate and best managemen	h the followir cable e ion through
stance Accounting and Comparison				
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>10 to 100	> -1 to -10	-2%
C - Created	>10,000 to 100,000	>10,000 to 100,000	> -1000 to -10,000	-9%
P - In a product that leaves the process Summary of reasons for changes between	>10,000 to 100,000 Decrease in AN pro	>10,000 to 100,000	> -1000 to -10,000 > -1000 to -10,000 e in effluent loading of	-9%
P - In a product that leaves the process	>10,000 to 100,000 Decrease in AN pro brought on site water and land, as w	>10,000 to 100,000 oduction and Change ell as on and off-sit	> -1000 to -10,000	-9% f process wa
P - In a product that leaves the process Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, be viewed by searching for this facility a	>10,000 to 100,000 Decrease in AN pro brought on site water and land, as w at http://www.ec.gc.ca	>10,000 to 100,000 oduction and Change ell as on and off-sit	> -1000 to -10,000	-9% f process wa
P - In a product that leaves the process Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, be viewed by searching for this facility a Implementing Plan Summary of steps taken during the previou implement the plan and a summary of the t	>10,000 to 100,000 Decrease in AN probrought on site water and land, as w at http://www.ec.gc.ca s calendar year to oxics reductions the previous a summary of the	>10,000 to 100,000 oduction and Change ell as on and off-sit a/inrp-npri/default.a	> -1000 to -10,000	-9% f process wa
 P - In a product that leaves the process Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, be viewed by searching for this facility a Implementing Plan Summary of steps taken during the previou implement the plan and a summary of the tachieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and a summary of the tachieved the toxic. 	 >10,000 to 100,000 Decrease in AN probrought on site water and land, as water and land, as water the theorem of the second s	>10,000 to 100,000 oduction and Change ell as on and off-sit a/inrp-npri/default.a	> -1000 to -10,000	-9% f process wa

Substance Name	Nitric Acid			
CAS #	7697-37-2			
Report Date:	September 30, 202	1		
Plan Date:	15-Dec-13	. I		
Plan Objectives and Targets	 While CF Industries Courtright Nitrogen Complex does not intend to reduct the creation of nitric acid, the plan was developed with the following objectives: we will continue to operate in full compliance with all applicable environmental regulations; and we will continue to manage and prevent releases of nitric acid throug current and future pollution prevention and best management practices. 			
stance Accounting and Comparison				
Pathways	2019	2020	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	NA	NA
C - Created	>10,000 to 100,000	>10,000 to 100,000	> -1000 to -10,000	-9%
P - In a product that leaves the process	>10,000 to 100,000		> -100 to -1000	-3%
Summary of reasons for changes between current year and previous year.	Decrease in nitric a	>10,000 to 100,000	> -100 to -1000	shipped
Summary of reasons for changes between	Decrease in nitric a	>10,000 to 100,000 Icid production and D ell as on and off-sit	> -100 to -1000 Decrease in nitric acid e disposal and off-s	shipped
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, v be viewed by searching for this facility at	Decrease in nitric a /ater and land, as w http://www.ec.gc.ca calendar year to	>10,000 to 100,000 Icid production and D ell as on and off-sit	> -100 to -1000 Decrease in nitric acid e disposal and off-s	shipped
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, v be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to	Decrease in nitric a /ater and land, as w http://www.ec.gc.ca calendar year to xics reductions the previous summary of the	>10,000 to 100,000 Incid production and C ell as on and off-sit a/inrp-npri/default.a	> -100 to -1000 Decrease in nitric acid e disposal and off-s	shipped
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, v be viewed by searching for this facility at Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and a	Decrease in nitric a vater and land, as w http://www.ec.gc.ca calendar year to xics reductions the previous summary of the sult of those actions.	>10,000 to 100,000 Incid production and D ell as on and off-sit a/inrp-npri/default.a	> -100 to -1000 Decrease in nitric acid e disposal and off-s	shipped

	CF Indust	ries Courtright	Nitrogen Comp	olex		
	Toxics F	Reduction Public	: Summary Repo	ort		
tance	e Information and Plan Objective					
	Substance Name	CHROMIUM (VI) CO	MPOUNDS			
	CAS #	No single CAS nun	nber applies to this su	ubstance		
	Report Date:	September 30, 202				
	Plan Date:	15-Dec-12				
	Plan Objectives and Targets	 Plan Objectives While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of hexavalent chromium, the plan was developed with the following objectives: we will continue to operate in full compliance with all applicable environmental regulations; and we will continue to manage and prevent releases of hexavalent chromium through current and future pollution prevention and best management practices. 				
s Su	bstance Accounting and Comparison					
	Pathways	2019	2020	Delta	Delta %	
	Units reported	kg	kg			
	U - Enters the Process (Raw Materials)	0	0	NA	NA	
	C - Created	0	0	NA	NA	
	P - In a product that leaves the process	0	0	NA	NA	
	Summary of reasons for changes between current year and previous year.	No catalyst changeout in 2019 or 2020				
	On-site releases from the facility to air, wa	ater and land, as w		la dianaaal and of		
ess i	be viewed by searching for this facility at in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken.	http://www.ec.gc.ca			f-site recycling can	
ressi	in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a sisteps and toxics reductions achieved as a result.	http://www.ec.gc.ca calendar year to ics reductions ne previous summary of the sult of those actions.	a/inrp-npri/default.a		t-site recycling can	
ress	in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the tox achieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a st	http://www.ec.gc.ca calendar year to ics reductions ne previous summary of the sult of those actions.	a/inrp-npri/default.a		t-site recycling can	