Facility Infor	mation
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Company Name	Terra International (Canada) Inc.					
Facility Name	CF Industries Courtright Nitrogen Complex					
Facility Physical Address	161 Bickford Line, Courtright, ON, Canada, NON 1H0					
Facility Mailing Address	Same as physical address					
Spatial Coordinates of Facility	381104 Easting; 4735453 Northing					
Number of Employees	158					
NPRIID	2233					
2 Digit NAICS Code	31-33					
4 Digit NAICS Code	3253					
6 Digit NAICS Code	325313					

Parent Company 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%

Facility Contact

Public Contact	Joe Lasowski
Position	Environmental Engineer
Address	161 Bickford Line, Courtright, ON, Canada, NON 1H0
email	JLasowski@cfindustnes.com
Phone	519-867-2739 x1605
Fax	519-867-3173

Date of Summary

Reporting Year 2014 Summary Date June 1, 2015

Phase 1 Toxics Substances Reported

Formaldehyde, Methanol, Copper, Hexavalent Chromium, Sulphuric Acid, Asbestos, Zinc, Nickel

Phase 2 Toxics Substances Reported

Ammonia, Nitrate Ion, Nitric Acid, PM, PM10, PM2.5, CO, Nox, hexane, propane, butane and pentane

Copy of Certification:

As of June 1, 2015, I certify that I have read the report on the toxic substance reduction plan(s) for the toxics listed above and am familiar with their contents and to my knowledge the information contained in the report(s) is factually accurate and complies with the Toxics Reduction Act, 2009 and Ontario Regulation 455/09 (General) made under that Act.

The original version of this report is signed off by:

Highest Ranking Employee: Robb Aultman

Title: Plant Leader

Signature:___

Substance Name CAS # 50-00-0 Report Date: Plan Date: Uhile CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, 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 formaldehyde through the current and future pollution prevention and best management practices. While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: Plan Objectives: United State Court of the following objectives: Path Value CF Industries Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: United State Courtright Nitrogen Complex does not intend to reduce the use of formaldehyde, the plan was developed with the following objectives: Path Value CF Industries Courtright Nitrogen Courtright Nitrogen Courtright Nitrogen Courtright Nitrogen Courtright Nitrogen Courtright N	CF Ind	ustries Courtright	Nitrogen Comp	lex			
Substance Name FORMALDEHYDE CAS # 50-00-0 Report Date: June 1, 2015 Plan Date: 15-Dec-12 While CF Industries Courtright Nitrogen Complex does not intend to reduct the use of formaldehyde, 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 formaldehyde thror current and future pollution prevention and best management practices. Substance Accounting and Comparison 2013 2014 Delta Delta % Difference Accounting and Comparison 2013 2014 Delta Delta % Difference Accounting and Comparison Differences (Raw Materials) >100 to 1000 >100 to 1000 >-1 to -10 -2% C - Created 0 0 #N/A NA P - In a product that leaves the process 0 0 #N/A NA NA P - In a product that leaves the process 0 0 #N/A NA Summary of reasons for changes between 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 be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en In Implementing Plan Summary of additional actions taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken and those set out in the plan. Summary of differences between steps taken and those set out in the plan. Not Applicable	Toxic	s Reduction Public	Summary Repor	t			
Substance Name FORMALDEHYDE CAS # 50-00-0 Report Date: June 1, 2015 Plan Date: 15-Dec-12 While CF Industries Courtright Nitrogen Complex does not intend to reduct the use of formaldehyde, 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 formaldehyde thror current and future pollution prevention and best management practices. Substance Accounting and Comparison 2013 2014 Delta Delta % Difference Accounting and Comparison 2013 2014 Delta Delta % Difference Accounting and Comparison Differences (Raw Materials) >100 to 1000 >100 to 1000 >-1 to -10 -2% C - Created 0 0 #N/A NA P - In a product that leaves the process 0 0 #N/A NA NA P - In a product that leaves the process 0 0 #N/A NA Summary of reasons for changes between 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 be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en In Implementing Plan Summary of additional actions taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken and those set out in the plan. Summary of differences between steps taken and those set out in the plan. Not Applicable	nce Information and Plan Objective			<u> </u>			
Report Date: Plan Date: Date		FORMALDEHYDE			-		
Report Date: Plan Date: June 1, 2015		50-00-0	50-00-0				
Plan Date: 15-Dec-12 While CF Industries Courtright Nitrogen Complex does not intend to reduct the use of formaldehyde, the plan was developed with the following objectives: We will continue to operate in full compliance with all applicable environmental regulations; and		June 1, 2015	June 1, 2015				
the use of formaldehyde, the plan was developed with the following objectives: Plan Objectives and Targets		15-Dec-12					
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Units reported U-Enters the Process (Raw Materials) >100 to 1000 >100 to 1000 >-1 to -10 -2% C-Created 0 0 0 #N/A NA P-In a product that leaves the process 0 0 0 #N/A NA Summary of reasons for changes between current year and previous year. Insignificant change On-site releases from the facility to air, water and land, as well as on and off-site disposal and off-site recycling be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en In Implementing Plan Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions 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 steps and toxics reductions achieved as a result of those actions. Summary of differences between steps taken and those set out in the plan. Not Applicable	Substance Accounting and Comparison						
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C - Created 0 0 0 #N/A NA P - In a product that leaves the process 0 0 0 #N/A NA Summary of reasons for changes between 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 be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en In Implementing Plan Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions 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 steps and toxics reductions achieved as a result of those actions. Summary of differences between steps taken and those set out in the plan. Not Applicable				5 41: 40			
P-In a product that leaves the process 0 0 0 #N/A NA Summary of reasons for changes between 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 be viewed by searching for this facility at http://www.ec.gc.ca/inrp-npri/default.asp?lang=en in Implementing Plan Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions 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 steps and toxics reductions achieved as a result of those actions. Summary of differences between steps taken and those set out in the plan. Not Applicable							
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in the plan.							
Description of amendments to the plan. Not Applicable	calendar year that impacted the toxic, an	id a summary of the	Not Applicable				
	calendar year that impacted the toxic, ar steps and toxics reductions achieved as Summary of differences between steps t	d a summary of the a result of those actions.					

Toxic	s Reduction Public	Summan/ Por	ort	
	- Tedacaon Fabric	Summary Rep		
e Information and Plan Objective	Tan			
Substance Name	COPPER (AND IT	S COMPOUND	S)	
CAS#	No single CAS nurr	ber applies to this	substance	<u> </u>
Report Date:	June 1, 2015			
Plan Date:	15-Dec-12			
Plan Objectives and Targets	the use of copper, to we will continue environmental regure we will continue	he plan was devel to operate in full co lations; and to manage and pro	en Complex does not in loped with the following ompliance with all appi event releases of copp est management practi	objectives: licable er through curre
bstance Accounting and Comparison				
Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>100 to 1000	>0 to 1	> -100 to -1000	-100%
C - Created	0	. 0	#N/A	NA
			>0 to 1	E 404
P - In a product that leaves the process	>0 to 1	>0 to 1	70101	54%
Summary of reasons for changes betwee current year and previous year. On-site releases from the facility to air be viewed by searching for this facility	no catalyst change	out	ite disposal and off-	
Summary of reasons for changes betwee current year and previous year. On-site releases from the facility to air.	no catalyst change	out	ite disposal and off-	
Summary of reasons for changes betwee current year and previous year. On-site releases from the facility to air be viewed by searching for this facility	no catalyst change water and land, as we at http://www.ec.gc.ca/	out	ite disposal and off-	
Summary of reasons for changes betwee current year and previous year. On-site releases from the facility to air, be viewed by searching for this facility in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the	no catalyst change water and land, as we at http://www.ec.gc.ca/	out Il as on and off-s inrp-npri/default.	ite disposal and off-	
Summary of reasons for changes betwee current year and previous year. On-site releases from the facility to air, be viewed by searching for this facility in Implementing Plan Summary of steps taken during the previous implement the plan and a summary of the achieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and	no catalyst change water and land, as we at http://www.ec.gc.ca/	out Il as on and off-s inrp-npri/default. Not Applicable	ite disposal and off-	

CF Indust	ries Courtright	Nitrogen Com	plex			
Toxics F	Reduction Public	Summary Repo	ort			
nce Information and Plan Objective	-					
Substance Name	ZINC (AND ITS C	OMPOUNDS)				
CAS#	No single CAS num		substance	-		
Report Date:	June 1, 2015					
Plan Date:	15-Dec-12					
Plan Objectives and Targets	the use of zinc, the we will continue environmental regu we will continue	plan was developed to operate in full co- lations; and to manage and pre-	en Complex does not in ad with the following ob ampliance with all appli event releases of zinc t ast management praction	ojectives: icable hrough current		
Substance Accounting and Comparison						
Pathways	2013	2014	Delta	Delta %		
Units reported	tonnes	tonnes	1001 1000			
U - Enters the Process (Raw Materials)	>100 to 1000	>0 to 1	> -100 to -1000	-100%		
C - Created P - In a product that leaves the process	0 >0 to 1	0 >0 to 1	#N/A >0 to 1	NA 54%		
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, we		ell as on and off-s		ite recycling can		
be viewed by searching for this facility at ss in Implementing Plan Summary of steps taken during the previous		/inrp-npri/derault.a	asp?lang=en			
implement the plan and a summary of the to: achieved as a result of the steps taken.		Not Applicable				
Summary of additional actions taken during to calendar year that impacted the toxic, and a steps and toxics reductions achieved as a restantial toxics.	summary of the	Not Applicable				
Summary of differences between steps taker in the plan.	n and those set out	Not Applicable				
Description of amendments to the plan.		Not Applicable				

CF Indus	tries Courtright	Nitrogen Com	plex	
Toxics	Reduction Public	Summary Rep	ort	
e Information and Plan Objective				
Substance Name	NICKEL (AND ITS	COMPOUNDS	EXCEPT NICKEL C	ARRONYI \
CAS#	No single CAS numi			WINDONTE)
Report Date:	June 1, 2015		000000100	-
Plan Date:	1-Dec-14			
Plan Objectives and Targets	the use of nickel, the we will continue to environmental regula we will continue to	e plan was develop o operate in full co ations; and o manage and pre	en Complex does not ped with the following ompliance with all app event releases of nick st management pract	objectives: licable
bstance Accounting and Comparison				
Pathways Units reported	2013 tonnes	2014 tonnes	Delta	Delta %
U - Enters the Process (Raw Materials)	>10 to 100	>0 to 1	> -10 to -100	4000/
C - Created	0	0	#N/A	-100% NA
P - In a product that leaves the process	>0 to 1	>0 to 1	>0 to 1	54%
Summary of reasons for changes between current year and previous year.	no catalyst change of	out		7.02
On-site releases from the facility to air, we be viewed by searching for this facility at Implementing Plan	ater and land, as wel http://www.ec.gc.ca/i	l as on and off-si nrp-npri/default.a	ite disposal and off- asp?lang=en	site recycling ca
Summary of steps taken during the previous implement the plan and a summary of the to achieved as a result of the steps taken.		Not Applicable		
implement the plan and a summary of the too	he previous	Not Applicable		
implement the plan and a summary of the toy achieved as a result of the steps taken. Summary of additional actions taken during to calendar year that impacted the toxic, and a step in the step in t	he previous summary of the sult of those actions.			

Sub	s	ta	nce	Information	and Plan	Objective

IIIOIIII GII GII GII GDJGGGTG	· · · · · · · · · · · · · · · · · · ·
Substance Name	CHROMIUM (VI) COMPOUNDS
CAS#	No single CAS number applies to this substance
Report Date:	June 1, 2015
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.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	kg	kg		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA
C - Created	0	0	#N/A	NA
P - In a product that leaves the process	0	0	#N/A	NA
Summary of reasons for changes between current year and previous year.	no change			

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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

	CF Indust	ries Courtright	Nitrogen Com	olex		
			Summary Repo			
ance	Information and Plan Objective					
	Substance Name	SULPHURIC ACID				
	CAS#	7664-93-9				
	Report Date:	June 1, 2015				
	Plan Date:	15-Dec-12	<u> </u>		-	
	Plan Objectives and Targets	sulphuric acid, our	ational (Canada) Inc. goal is to further min ntinuous improvemen tices.	imize the potential	for sulphuric acid.	
Sub	stance Accounting and Comparison					
ļ	Pathways Units reported	2013	2014	<u>De</u> lta	Delta %	
	U - Enters the Process (Raw Materials)	tonnes	tonnes			
	C - Created	>100 to 1000	>100 to 1000	>10 to 100	8%	
	P - In a product that leaves the process	0	0	#N/A	NA NA	
	IL - III a blodder niar leaves nie blocess	0	0	#N/A	l NA	
Ì		191				
	Summary of reasons for changes between current year and previous year.	Insignificant chang				
		ter and land, as w	ell as on and off-site	e disposal and off	-site recycling ca	
ess in	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h	ter and land, as w http://www.ec.gc.ca calendar year to	ell as on and off-site	e disposal and off	-site recycling ca	
ss in	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at harmonic limplementing Plan Summary of steps taken during the previous of implement the plan and a summary of the tox	ter and land, as we have a second and land, as we have a second a	ell as on and off-site //inrp-npri/default.as Not Applicable	e disposal and off	-site recycling ca	
ss in	current year and previous year. On-site releases from the facility to air, was be viewed by searching for this facility at hard limplementing 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. Summary of additional actions taken during the calendar year that impacted the toxic, and a service of the steps taken.	ter and land, as we have a second and land, as we have a second a	ell as on and off-site //inrp-npri/default.as Not Applicable	e disposal and off	-site recycling c	

CF Indust	ries Courtright	Nitrogen Comp	lex	
Toxics F	Reduction Public	Summary Repo	rt	
ce Information and Plan Objective				· _
Substance Name	ASBESTOS (TOTAL)		
CAS#	1332-21-4			
Report Date:	June 1, 2015			
Plan Date:	15-Dec-12			
Plan Objectives and Targets	□ we will continue environmental regu	eloped with the follow to operate in full com lations; and our ongoing program	pliance with all ap	
substance Accounting and Comparison			.	
Pathways	2013	2014	Delta	Delta %
Units reported U - Enters the Process (Raw Materials)	tonnes 0	tonnes	#N/A	NA NA
C - Created	0	0	#N/A	NA NA
P - In a product that leaves the process	0	0	#N/A	NA NA
Summary of reasons for changes between current year and previous year.	No change			
On-site releases from the facility to air, wa	ater and land, as w	ell as on and off-sit	e disposal and of	f-site recycling ca
be viewed by searching for this facility at sin Implementing Plan Summary of steps taken during the previous	http://www.ec.gc.ca	a/inrp-npri/default.a	sp?lang=en	
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 calendar year to cics reductions	a/inrp-npri/default.a	sp?lang=en	
s 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	sp?lang=en	
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 steps.	calendar year to cics reductions he previous summary of the sult of those actions.	a/inrp-npri/default.a	sp?lang=en	

	CF Indust	ries Courtright	Nitrogen Com	plex			
	Toxics F	Reduction Public	Summary Repo	ort			
ice [Information and Plan Objective						
[Substance Name	methanol					
ľ	CAS#	67-56-1					
- [Report Date:	June 1, 2015			*		
- [Plan Date:	15-Dec-12	<u> </u>				
į	Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of methanol, 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 methanol through current and future pollution prevention and best management practices.					
	stance Accounting and Comparison						
	Pathways	2013	2014	Delta	Delta %		
	Units reported	tonnes	tonnes				
	U - Enters the Process (Raw Materials)	0	0	#N/A	NA NA		
	C - Created	>1 to 10	>1 to 10	>0 to -1	-11%		
Ľ	P - In a product that leaves the process	0	0	#N/A	NA NA		
- ls	Summary of reasons for changes between						
(current year and previous year. On-site releases from the facility to air, was be viewed by searching for this facility at h	ter and land, as w	tion of product that ell as on and off-sit /inrp-npri/default.a	e disposal and off	-site recycling ca		
c C k	current year and previous year. On-site releases from the facility to air, wa	ter and land, as w	ell as on and off-sit	e disposal and off	-site recycling ca		
s in i	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h	iter and land, as we http://www.ec.gc.ca	ell as on and off-sit	e disposal and off	-site recycling ca		
s in i	current year and previous year. On-site releases from the facility to air, was be viewed by searching for this facility at hardward plan. Summary of steps taken during the previous of motion and a summary of the tox motions.	atter and land, as weattp://www.ec.gc.ca	ell as on and off-sit /inrp-npri/default.a	e disposal and off	-site recycling ca		
c t t s in i s i	Current year and previous year. On-site releases from the facility to air, was be viewed by searching for this facility at hard limplementing Plan Summary of steps taken during the previous amplement the plan and a summary of the toxachieved as a result of the steps taken. Summary of additional actions taken during the calendar year that impacted the toxic, and a steps.	tter and land, as weattp://www.ec.gc.ca	ell as on and off-sit /inrp-npri/default.a Not Applicable	e disposal and off	-site recycling ca		

	tries Courtright	Nitrogen Comp	lex		
Toxics	Reduction Public	Summary Repor	rt		
Information and Plan Objective				<u>. </u>	
Substance Name	PM				
CAS#	No single CAS number applies to this substance				
Report Date:	June 1, 2015				
Plan Date:	Triggered for 2014	Reporting Year - Pla	n due by Dec 31 20	015	
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to rect the creation of particulate matter, the plan was developed with the follo objectives: we will continue to operate in full compliance with all applicable environmental regulations; and we will continue to manage and prevent releases of particulate matter through current and future pollution prevention and best management practices.				
stance Accounting and Comparison					
Pathways	2013	2014	Delta	Deita %	
Units reported	tonnes	tonnes	#N/A	NA -	
U - Enters the Process (Raw Materials) C - Created	>10 to 100	>10 to 100	>1 to 10	NA 7%	
P - In a product that leaves the process	0	0	#N/A	NA NA	
Summary of reasons for changes between current year and previous year.	increase to site-spe	ecific emission factor			
On-site releases from the facility to air, v				-site recycling o	
On-site releases from the facility to air, we be viewed by searching for this facility at Implementing Plan	t http://www.ec.gc.ca			-site recycling c	
On-site releases from the facility to air, we be viewed by searching for this facility at	t http://www.ec.gc.ca			-site recycling o	
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 to	s calendar year to oxics reductions	/inrp-npri/default.as		-site recycling o	
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 trachieved as a result of the steps taken. Summary of additional actions taken during calendar year that impacted the toxic, and a	s calendar year to oxics reductions the previous a summary of the result of those actions.	/inrp-npri/default.as		-site recycling	

CF Industries Courtright Nitrogen Complex Toxics Reduction Public Summary Report Substance Information and Plan Objective Substance Name PM10 CAS# No single CAS number applies to this substance Report Date: June 1, 2015 Plan Date: 15-Dec-13 While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of particulate matter, the plan was developed with the following 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 particulate matter through current and future pollution prevention and best management practices. Toxics Substance Accounting and Comparison **Pathways** 2013 2014 Delta Delta % Units reported tonnes tonnes U - Enters the Process (Raw Materials) #N/A 0 NA >10 to 100 C - Created >10 to 100 >1 to 10 P - In a product that leaves the process n #N/A NA Summary of reasons for changes between increase to site-specific emission factor 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.

Not Applicable

Not Applicable

Summary of differences between steps taken and those set out

Description of amendments to the plan.

in the plan.

		•	Nitrogen Comp			
		eduction Public	Summary Repor			
	nformation and Plan Objective	Inua s				
	Substance Name	PM2.5		-b4	····	
	CAS#	June 1, 2015	ber applies to this su	JOSTATICE		
	Report Date:	115-Dec-13				
<u> </u>	Plan Date:	115-Dec-13				
F	Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of particulate matter, 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 particulate matter through current and future pollution prevention and best management practices.				
ubs	stance Accounting and Comparison					
F	Pathways	2013	2014	Delta	Delta %	
	Units reported	tonnes	tonnes			
	U - Enters the Process (Raw Materials)	0	0	#N/A	NA	
	C - Created	>10 to 100	>10 to 100	>1 to 10	8%	
JF	P - In a product that leaves the process	0	0	#N/A	NA NA	
Г						
i I	Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h	ter and land, as w			f-site recycling o	
l t s in l	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h Implementing Plan	ter and land, as we ttp://www.ec.gc.ca	ell as on and off-site		f-site recycling c	
in l	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h	ter and land, as we http://www.ec.gc.ca	ell as on and off-site		f-site recycling c	
t in i	current year and previous year. On-site releases from the facility to air, wa be viewed by searching for this facility at h Implementing Plan Summary of steps taken during the previous of the tox implement the plan and a summary of the tox	ter and land, as we ter an	ell as on and off-site /inrp-npri/default.as		f-site recycling c	
iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	Current year and previous year. On-site releases from the facility to air, was be viewed by searching for this facility at hard limplementing 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. Summary of additional actions taken during the calendar year that impacted the toxic, and a second content of the steps.	ter and land, as we http://www.ec.gc.ca calendar year to ics reductions he previous summary of the sult of those actions.	ell as on and off-site /inrp-npri/default.as Not Applicable		f-site recycling of	

Substance Information and Plan Objective

Substance Name	CO
CAS#	630-08-0
Report Date:	June 1, 2015
Plan Date:	15-Dec-13
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 prevent releases of carbon monoxide through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA NA
C - Created	>100 to 1000	>100 to 1000	>1 to 10	3%
P - In a product that leaves the process	0	0	#N/A	NA NA
Summary of reasons for changes between current year and previous year.	Insignificant change	e		,

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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

Substance In	formation	and Plan	Objective

Substance Name	NOx			
CAS#	11104-93-1			
Report Date:	June 1, 2015			
Plan Date:	15-Dec-13			
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of nitrogen oxides, 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 nitrogen oxides through current and future pollution prevention and best management practices.			

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA
C - Created	>100 to 1000	>100 to 1000	> -1 to -10	-1%
P - In a product that leaves the process	0	0	#N/A	NA_
Summary of reasons for changes between current year and previous year.	Insignificant change	9		

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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

Substance Information and Plan Objective

Substance Name	n-hexane
CAS#	110-54-3
Report Date:	June 1, 2015
Plan Date:	15-Dec-13
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of nhexane, 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 n-hexane through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA NA
C - Created	>1 to 10	>1 to 10	>0 to 1	2%
P - In a product that leaves the process	0	0	#N/A	NA NA
Summary of reasons for changes between 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?tang=en

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

Substance	Information	and Plan	Objective
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Substance Name	propane
CAS#	74-98-6
Report Date:	June 1, 2015
Plan Date:	15-Dec-13
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of propane, 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 propane through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA
C - Created	>1 to 10	>1 to 10	>0 to 1	2%
P - In a product that leaves the process	0	0	#N/A	NA
Summary of reasons for changes between 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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

Substance Information and Plan Objective	Substance	Information	and Plan	Objective
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Substance Name	BUTANE AND ALL ITS ISOMERS		
CAS#	106-97-8		
Report Date:	June 1, 2015		
Plan Date:	15-Dec-13		
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of butane, 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 butane through current and future pollution prevention and best management practices.		

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	0	0	#N/A	NA.
C - Created	>1 to 10	>1 to 10	>0 to 1	2%
P - in a product that leaves the process	0	0	#N/A	NA NA
Summary of reasons for changes between 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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

CF Industries Courtright Nitrogen Complex

Toxics Reduction Public Summary Report

Substance Information	and Plan Objective
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Substance Name	Pentane and its isomers
CAS#	109-66-0
Report Date:	June 1, 2015
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.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	T 0 _	0	#N/A	NA NA
C - Created	>1 to 10	>1 to 10	>0 to 1	2%
P - In a product that leaves the process	0	0	#N/A	NA.
Summary of reasons for changes between current year and previous year.	Insignificant change	1		

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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

Substance	Information	and Plan	Oblective

Substance Name	Ammonia
CAS#	7664-41-7
Report Date:	June 1, 2015
Plan Date:	15-Dec-13
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the use or creation of ammonia, 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 ammonia through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2013	2014	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>1 to 10	>1 to 10	> -1 to -10	-34%
	>100,000 to	>100,000 to		
C - Created	1,000,000	1,000,000	>10,000 to 100,000	7%
	>100,000 to	>100,000 to		
P - In a product that leaves the process	1,000,000	1,000,000	>1000 to 10,000	3%
Summary of reasons for changes between current year and previous year.	production increase on site	e and decrease in	effluent loading of proce	ess water broug

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

Summary of steps taken during the previous calendar year to implement the plan and a summary of the toxics reductions achieved as a result of the steps taken.	Not Applicable
Summary of additional actions taken during the previous calendar year that impacted the toxic, and a summary of the steps and toxics reductions achieved as a result of those actions.	Not Applicable
Summary of differences between steps taken and those set out in the plan.	Not Applicable
Description of amendments to the plan.	Not Applicable

CF Industries Courtright Nitrogen Complex Toxics Reduction Public Summary Report Substance Information and Plan Objective Substance Name Nitrate Ion No single CAS number applies to this substance CAS# Report Date: June 1, 2015 Plan Date: 15-Dec-13 While CF Industries Courtright Nitrogen Complex does not intend to reduce the use or creation of nitrate ion, 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 nitrate ion through current and future pollution prevention and best management practices. Toxics Substance Accounting and Comparison Delta 2013 2014 Delta % Units reported tonnes tonnes U - Enters the Process (Raw Materials) >10 to 100 >10 to 100 > -1 to -10 -11% C - Created >10,000 to 100,000 | >10,000 to 100,000 >1000 to 10,000 2% P - In a product that leaves the process >10,000 to 100,000 | >10,000 to 100,000 | >1000 to 10,000 production increase and decrease in effluent loading of process water brought Summary of reasons for changes between 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.

Not Applicable

Description of amendments to the plan.

	tries Courtright				
Toxics	Reduction Public	Summary Repo	ort		
Information and Plan Objective					
Substance Name	Nitric Acid				
CAS#	7697-37-2				
Report Date:	June 1, 2015				
Plan Date:	15-Dec-13				
Plan Objectives and Targets	the creation of nitric objectives: we will continue environmental regumental regumental we will continue	c acid, the plan was to operate in full con plations; and to manage and prev	n Complex does not in developed with the formpliance with all appoint releases of nitricand best manageme	ollowing licable acid through	
estance Accounting and Comparison				<u> </u>	
Pathways	2013	2014	Delta	Delta %	
Units reported	tonnes	tonnes		2010 /0	
U - Enters the Process (Raw Materials)	0	0	#N/A	NA	
	>100,000 to	>100,000 to			
C - Created	1,000,000	1,000,000	> -1000 to -10,000	-4%	
P - In a product that leaves the process	>1000 to 10,000	>10,000 to 100,000	>1000 to 10,000	26%	
Summary of reasons for changes between current year and previous year. On-site releases from the facility to air, we	increase in nitric sh				
be viewed by searching for this facility at	http://www.ec.gc.ca	/inm-nori/default a	e disposal allo oli-: sp?lang=en	site recycling c	
Summary of steps taken during the previous implement the plan and a summary of the totachieved as a result of the steps taken.	calendar year to	Not Applicable			
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				
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 to calendar year that impacted the toxic, and a	calendar year to xics reductions the previous summary of the sult of those actions.	Not Applicable			

6		