.ciiity i	Information	
	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
	Spatial Coordinates of Facility	381104 Easting; 4735453 Northing
	Number of Employees	158
	NPRI ID	2233
	2 Digit NAICS Code	31-33
	4 Digit NAICS Code	3253
	6 Digit NAICS Code	325313
arent C	ompany 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%
acility C	Contact	
	Public Contact	Joe Lasowski
	Position	Environmental Engineer
	Address	161 Bickford Line, Courtright, ON, Canada, N0N 1H0
	email	JLasowski@cfindustries.com
	Phone	519-867-2739 x1605
	Fax	519-867-3173
nte of Su	mmary Reporting Year Summary Date	2013 June 1, 2014
ase 1 To	oxics Substances Reported	
	Formaldehyde, Methanol, Copper, Hexa	avalent Chromium, Sulphuric Acid, Asbestos, Chlorine, Zinc
ase 2 To	oxics Substances Reported	
	Ammonia, Nitrate Ion, Nitric Acid, PM10	), PM2.5, CO, Nox, hexane, propane, butane and pentane
	Certification:	

As of June 1, 2014, 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 Em	ı <b>ployee:</b> Robb Aı	ultman	
Title: Plant Leader	f-na	WIN	
la	51 ~ 24		

Toxics F	Reduction Public	Summary Repo	rt		
Information and Plan Objective					
Substance Name	FORMALDEHYDE				
CAS #	50-00-0				
Report Date:	30-May-13				
Plan Date:	15-Dec-12		-		
Plan Objectives and Targets	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 current and future pollution prevention and best management practices.				
stance Accounting and Comparison					
Pathways	2012	2013	Delta	Delta %	
Units reported	tonnes	tonnes			
U - Enters the Process (Raw Materials)	>100 to 1000	>100 to 1000	> -100 to -1000	-26%	
C - Created P - In a product that leaves the process	0	0	#N/A #N/A	NA NA	
Summary of reasons for changes between current year and previous year.	decrease in usage of	of materials contain	ing substance		
On-site releases from the facility to air, we be viewed by searching for this facility at				ite 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			
Summary of steps taken during the previous implement the plan and a summary of the to	xics reductions the previous summary of the	Not Applicable  Not Applicable			

#### CF Industries Courtright Nitrogen Complex **Toxics Reduction Public Summary Report** Substance Information and Plan Objective Substance Name COPPER (AND ITS COMPOUNDS) No single CAS number applies to this substance CAS# Report Date: 30-May-13 Plan Date: 15-Dec-12 While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of copper, 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 copper through current and future pollution prevention and best management practices. Toxics Substance Accounting and Comparison Pathways 2012 2013 Delta Delta % Units reported tonnes tonnes U - Enters the Process (Raw Materials) >0 to 1 >100 to 1000 >100 to 1000 3183298% C - Created #N/A NA P - In a product that leaves the process >0 to 1 >0 to 1 >0 to -1 -10% Summary of reasons for changes between catalyst change out 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

Of mousi	tries Courtright	Nitrogen Comp	olex	
Toxics F	Reduction Public	Summary Repo	rt	
e Information and Plan Objective				
Substance Name	ZINC (AND ITS C	OMPOUNDS)	-	
CAS#		nber applies to this s	ubstance	
Report Date:	30-May-13			
Plan Date:	15-Dec-12			
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce the use of zinc, the plan was developed with the following objectives:    we will continue to operate in full compliance with all applicable environmental regulations; and			
bstance Accounting and Comparison	we will continue	to manage and prev	vent releases of zinc it management pract	
Pathways	2012	2013	Delta	Delta %
Units reported	tonnes	tonnes	Duite	D0100.76
U - Enters the Process (Raw Materials)	>0 to 1	>100 to 1000	>100 to 1000	56081%
IC - Created	0	0	#N/A	NA .
C - Created P - In a product that leaves the process	0 >0 to 1	0 >0 to 1	#N/A >0 to -1	-34%
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, whose viewed by searching for this facility at	>0 to 1  catalyst change ou ater and land, as w	>0 to 1 t	>0 to -1	-34%
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, w.	>0 to 1  catalyst change ou ater and land, as w	>0 to 1 t	>0 to -1	-34%
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, whose viewed by searching for this facility at	>0 to 1  catalyst change ou ater and land, as we http://www.ec.gc.ca	>0 to 1 t	>0 to -1	-34%
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, 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 to	>0 to 1  catalyst change ou ater and land, as we http://www.ec.gc.ca	>0 to 1 t ell as on and off-sit /inrp-npri/default.a	>0 to -1	-34%
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, 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 to achieved as a result of the steps taken.  Summary of additional actions taken during the calendar year that impacted the toxic, and a	>0 to 1  catalyst change ou ater and land, as whitp://www.ec.gc.ca calendar year to xics reductions  the previous summary of the esult of those actions.	>0 to 1 t ell as on and off-sit /inrp-npri/default.a Not Applicable	>0 to -1	-34%

#### **CF Industries Courtright Nitrogen Complex Toxics Reduction Public Summary Report** Substance Information and Plan Objective Substance Name CHROMIUM (VI) COMPOUNDS CAS# No single CAS number applies to this substance Report Date: 30-May-13 Plan Date: 15-Dec-12 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 Plan Objectives and Targets 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 2012 2013 Delta Delta % Units reported kg kg U - Enters the Process (Raw Materials) ٥ #N/A NA C - Created 0 0 #N/A NA P - In a product that leaves the process 0 #N/A NA Summary of reasons for changes between no change 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

#### **Toxics Reduction Public Summary Report**

Substance Info	mation and	Plan Ob	jective
Substance min	mmauvn anu	FIGH VI	lection.

Substance Name	SULPHURIC ACID	
CAS#	7664-93-9	
Report Date:	30-May-13	. 1
Plan Date:	15-Dec-12	

Plan Objectives and Targets

While Terra International (Canada) Inc. does not intend to reduce the use of sulphuric acid, our goal is to further minimize the potential for sulphuric acid losses through continuous improvements and our commitment to best management practices.

Toxics Substance Accounting and Comparison

Pathways	2012	2013	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>100 to 1000	>100 to 1000	> -10 to -100	-10%
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.	Insignificant change	Э		

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

		stries Courtright	_	•	· · ·
	Toxic:	s Reduction Public	Summary Rep	ort	
bstance	Information and Plan Objective				
	Substance Name	CHLORINE			
	CAS#	7782-50-5			
	Report Date:	30-May-13			
	Plan Date:	15-Dec-12			
	Plan Objectives and Targets	minimize the poter	ace or eliminate chlo ntial for spills throug st management pra	h continuous imp	acility and to further rovements and our
	stance Accounting and Comparison				
	Pathways	2012	2013	Delta	Delta %
	Units reported	_			
	U - Enters the Process (Raw Materials) C - Created				
	P - in a product that leaves the process	-4			
ļ	Summary of reasons for changes between current year and previous year.	Due to successful threshold in 2013 a Reduction Plan for	reductions in use, ( and the facility is no Chlorine.	hlorine did not m longer required to	eet the reporting o maintain a Toxics
	An Exit Record was submitted to the O	ntario's Toxic Reduct	tion Program via S	WIM.	
	,				
	Summary of steps taken during the previous implement the plan and a summary of the achieved as a result of the steps taken.		Not Applicable		
	implement the plan and a summary of the	toxics reductions g the previous a summary of the	Not Applicable		
	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	toxics reductions g the previous a summary of the result of those actions.	Not Applicable		

¥ 31

Tavias I	tries Çourtright Reduction Public	Summany Dana			
		- Cummary Nepo	<u> </u>		
Information and Plan Objective	Tenneston Gozali				
Substance Name	ASBESTOS (TOTAL)				
CAS#	1332-21-4				
Report Date:	30-May-13				
Plan Date:	15-Dec-12				
Plan Objectives and Targets	□ we will continue environmental regu	loped with the follow to operate in full con lations; and our ongoing program	mpliance with all ap		
stance Accounting and Comparison	T	-	1 54	B.11.0/	
Pathways	2012 tonnee	2013 tonnes	Delta	Delta %	
Units reported	tonnes	White:			
U - Enters the Process (Raw Materials)	-				
C - Created	-				
P - In a product that leaves the process					
Summary of reasons for changes between	Did not meet reporting threshold due to decreased disposals				
current year and previous year.	Did not meet repon	ing threshold due to	o decreased disposi		
An Exit Record was submitted to the Ont	<u> </u>				
	ario's Toxic Reducti				
An Exit Record was submitted to the Ontender Implementing Plan  Summary of steps taken during the previous implement the plan and a summary of the to	ario's Toxic Reducti	on Program via S\			
An Exit Record was submitted to the Onto 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	ario's Toxic Reductions  calendar year to exics reductions  the previous summary of the esult of those actions.	on Program via S\ Not Applicable			

	tries Courtright	Nitrogen Comp	plex				
Toxics!	Reduction Public	Summary Repo	ort				
ice Information and Plan Objective							
Substance Name	methanol						
CAS#	67-56-1						
Report Date:	30-May-13						
Plan Date:	15-Dec-12	15-Dec-12					
Plan Objectives and Targets	the use of methance we will continue environmental regu we will continue	s Courtright Nitrogen ol, the plan was deve to operate in full con llations; and to manage and prev collution prevention a	eloped with the follon phance with all appearance with all appearance with all appearance with all appearance of me	owing objectives: oplicable			
Substance Accounting and Comparison							
Pathways	2012	2013	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	14%			
C - Created P - In a product that leaves the process							
C - Created	>1 to 10 0 increase in air emis	>1 to 10 0 sions due to produce	>0 to 1 #N/A tion increase	14% NA			
C - Created 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, we be viewed by searching for this facility at	>1 to 10 0 increase in air emis ater and land, as we http://www.ec.gc.ca.	>1 to 10 0 sions due to produce	>0 to 1 #N/A tion increase	14% NA			
C - Created 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, we be viewed by searching for this facility at its in Implementing Plan  Summary of steps taken during the previous implement the plan and a summary of the tox	>1 to 10 0 increase in air emis ater and land, as we http://www.ec.gc.ca/	>1 to 10 0 sions due to produce	>0 to 1 #N/A tion increase	14% NA			
C - Created 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, we be viewed by searching for this facility at sin 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 the calendar year that impacted the toxic, and a step in the process.	>1 to 10 0 increase in air emis ater and land, as we http://www.ec.gc.ca. calendar year to xics reductions the previous summary of the sult of those actions.	>1 to 10 0 sions due to product ell as on and off-site /inrp-npri/default.as	>0 to 1 #N/A tion increase	14% NA			

9. 9.

	CF Indust	rles Courtright	<b>Nitrogen Comp</b>	lex	
	Toxics F	Reduction Public	Summary Repor	t	
ce I	Information and Plan Objective				
	Substance Name	PM10			
Ì	CAS#	No single CAS nun	nber applies to this su	bstance	
ľ	Report Date:	30-May-13	•		
	Plan Date:	15-Dec-13			
	Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to red the creation of particulate matter, the plan was developed with the follow 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.			
ub!	stance Accounting and Comparison	<u> </u>	-		
	Pathways	2012	2013	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	>0 to 1	6%
ļ	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, wa	Insignificant chang		e disposal and of	-site recycling c
	be viewed by searching for this facility at I	http://www.ec.gc.ca	ı/inrp-npri/default.as	p?lang=en	
	Summary of steps taken during the previous implement the plan and a summary of the tox	Not Applicable			
	Summary of steps taken during the previous	the previous summary of the summary of the summary of the sult of those actions.	Not Applicable		

	Toxics !	Reduction Public	Summary Repo	rt		
e į	nformation and Plan Objective					
- [	Substance Name	PM2.5				
Ī	CAS#	No single CAS number applies to this substance				
[	Report Date:	30-May-13				
Ī	Plan Date:	15-Dec-13				
	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.				
	stance Accounting and Comparison					
	Pathways	2012	2013	Delta	Delta %	
	Units reported U - Enters the Process (Raw Materials)	tonnes	tonnes			
	C - Created	0	0	#N/A	NA NA	
	P - In a product that leaves the process	>10 to 100	>10 to 100	>0 to 1 #N/A	6% NA	
k	Summary of reasons for changes between current year and previous year.  On-site releases from the facility to air, wa	the facility to air, water and land, as well as on and off-site disposal and off-				
(	ho viewed by constitut for this facility at 1	http://www.	ell as on and off-site	disposal and off	-site recycling c	
ţ	be viewed by searching for this facility at	http://www.ec.gc.ca	ell as on and off-site /inrp-npri/default.as	e disposal and off p?lang=en	-site recycling c	
in I	be viewed by searching for this facility at	http://www.ec.gc.ca	ell as on and off-site /inrp-npri/default.as  Not Applicable	e disposal and off p?lang=en 	site recycling c	
n I	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 dics reductions he previous summary of the	/inrp-npri/default.as	e disposal and off p?lang=en	site recycling c	
in I s	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 statement as the steps taken.	calendar year to cics reductions  the previous summary of the sult of those actions.	/inrp-npri/default.as	e disposal and off p?lang=en	site recycling c	

9	ı	bstance	Information	and Plan	Objective

ntormation and Pian Objective				
Substance Name	CO			
CAS#	630-08-0			
Report Date:	30-May-13			
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	2012	2013	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	> -10 to -100	-6%
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

#### **CF Industries Courtright Nitrogen Complex Toxics Reduction Public Summary Report** Substance Information and Plan Objective Substance Name NOx CAS# 11104-93-1 30-May-13 Report Date: Plan Date: 15-Dec-13 While CF Industries Courtright Nitrogen Complex does not intend to reduce the creation of nitrogen oxides, 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 nitrogen oxides through current and future pollution prevention and best management practices. Toxics Substance Accounting and Comparison **Pathways** 2012 2013 Delta Delta % Units reported tonnes tonnes U - Enters the Process (Raw Materials) 0 #N/A 0 >100 to 1000 C - Created >100 to 1000 >10 to 100 5% P - In a product that leaves the process 0 #N/A NA Summary of reasons for changes between Insignificant change 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

#### **Toxics Reduction Public Summary Report**

#### Substance Information and Plan Objective

Substance Name	n-hexane		
CAS#	110-54-3		
Report Date:	30-May-13		
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	2012	2013	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	-6%
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	)		

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	propane
CAS#	74-98-6
Report Date:	30-May-13
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	2012	2013	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	-6%
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	•		

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

#### **Toxics Reduction Public Summary Report**

Substance	Information a	nd Plan Objective

Substance Name	butane
CAS#	106-97-8
Report Date:	30-May-13
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	2012	2013	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	-6%
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	•		

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

e	hetanca	Information	and Dian	Objective
эu	DSMILLE	micomiauon	anu rian	Objective

Substance Name	pentane
CAS#	109-66-0
Report Date:	30-May-13
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	2012	2013	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	-6%
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	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

#### **Toxics Reduction Public Summary Report**

nd Plan Objective	and	formatio	Substance In
nd Plan Objective	and	formatio	Substance In

INIONINA GON AND I INIO ODJECTIVE	
Substance Name	Ammonia
CAS#	7664-41-7
Report Date:	30-May-13
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	2012	2013	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>1 to 10	>1 to 10	> -1 to -10	-22%
	>100,000 to	>100,000 to		
C - Created	1,000,000	1,000,000	>-10,000 to -100,000	-9%
	>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 decreas	se .		

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 Name	Nitrate Ion
CAS#	No single CAS number applies to this substance
Report Date:	30-May-13
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 nitrate ion, 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 nitrate ion through current and future pollution prevention and best management practices.

Toxics Substance Accounting and Comparison

Pathways	2012	2013	Delta	Delta %
Units reported	tonnes	tonnes		
U - Enters the Process (Raw Materials)	>10 to 100	>10 to 100	> -10 to -100	-21%
C - Created	>10,000 to 100,000		>1000 to 10,000	4%
P - In a product that leaves the process	>10,000 to 100,000	>10,000 to 100,000	>1000 to 10,000	4%
Summary of reasons for changes between current year and previous year.	production decreas	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

	ries Courtright	Nitrogen Com	plex		
Toxics f	Reduction Public	_			
e Information and Plan Objective					
Substance Name	Nitric Acid				
CAS#	7697-37-2				
Report Date:	30-May-13				
Plan Date:	15-Dec-13				
Plan Objectives and Targets	While CF Industries Courtright Nitrogen Complex does not intend to reduce 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 through current and future pollution prevention and best management practices.				
ubstance Accounting and Comparison					
Pathways	2012	2013	Delta	Delta %	
Units reported	tonnes	tonnes	(I) 1/A		
U - Enters the Process (Raw Materials)	0	0 >100,000 to	#N/A	NA	
C - Created	>10,000 to 100,000	1,000,000	>10,000 to 100,000	15%	
P - In a product that leaves the process	>10,000 to 10,000	>1000 to 10,000	>1000 to 10,000	31%	
Summary of reasons for changes between	production increase	ı			
Current year and previous year.  On-site releases from the facility to air, we be viewed by searching for this facility at		ll as on and off-si		ite recycling ca	
On-site releases from the facility to air, w		ll as on and off-si		ite recycling ca	
On-site releases from the facility to air, we be viewed by searching for this facility at	http://www.ec.gc.ca/	ll as on and off-si		ite recycling ca	
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 to	http://www.ec.gc.ca/ calendar year to xics reductions the previous summary of the	ill as on and off-si inrp-npri/default.a		ite recycling ca	
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 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.	ill as on and off-si finrp-npri/default.a		ite recycling c	