Plan Summary Preview

Company Details

Company Legal Name

Federal White Cement Ltd.

Company Address

355151 35th Line, Woodstock (Ontario)

Report Details

NPRI ID

5946

Facility Name

Woodstock Plant

Facility Address

3551551 35th Line, Woodstock (Ontario)

Update Comments

Activities

Contacts

Select the Facility Contacts

Facility Contacts

Please assign the appropriate contact under each category below.

Public Contact: *

Antonio Lopes

Highest Ranking Employee

George Doumet

Person responsible for Toxic Substance Reduction Plan preparation

Erik Martinez

Organization Validation

Company and Parent Company Information

Company Details

Company Legal Name: *	Federal White Cement Ltd.
Company Trade Name: *	Federal White Cement Ltd.
Business Number: *	874368061

Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	355151 35th Line
City *	Woodstock
Province/Territory **	Ontario
Postal Code: **	N0J1J0

Physical Address

Address Line 1	355151 35th Line
City	Woodstock
Province/Territory **	Ontario
Postal Code **	N0J1J0
Additional Information	
Land Survey Description	
National Topographical Description	

Parent Companies

Federal White Cement Ltd.

Company Legal Name: *	Federal White Cement Ltd.

Percentage owned: *	100.00
Business Number: **	101754935

Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	Pender Street West
City *	Vancouver
Province/Territory **	British Columbia
Postal Code: **	V6C1M2
Country *	

Physical Address

Address Line 1	Pender Street West
City	Vancouver
Province/Territory **	British Columbia
Postal Code **	V6C1M2
Country	
Additional Information	
Land Survey Description	
National Topographical Description	

Facility Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future

reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data will be modified.

Facility Information

Facility Name: *	Woodstock Plant
NAICS Code: *	327310
NPRI Id: *	5946
ON Reg 127/01 Id	

Facility Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	355155 35th Line
City *	Woodstock
Province/Territory **	Ontario
Postal Code: **	N0J1J0

Physical Address

Address Line 1	3551551 35th Line
City	Woodstock
Province/Territory **	Ontario
Postal Code **	N0J1J0
Additional Information	
Land Survey Description	
National Topographical Description	

Geographical Address

Latitude **	43.09890
Longitude **	-80.89430
UTM Zone **	17
UTM Easting **	508357
UTM Northing **	4772115

Contact Validation

The information in this section was copied from the Single Window Information Manager (SWIM) at the time the plan summary was created. Please verify the information and update it where required. Please note that any changes made here will only be reflected in this plan summary. To ensure updates reflected in future reports, please ensure the information is updated in SWIM. After making updates in SWIM, return here and click the "Refresh" button to trigger a reload of the SWIM information. Please note all previously entered data will be modified.

Contacts

Public Contact

First Name: *	JP
Last Name: *	Zannier
Position: *	Plant Operations Manager
Telephone: *	5194855410
Ext	7420
Fax	5194855892
Email: *	jpzannier@federalwhite.com

Mailing Address

Delivery Mode	General Delivery
PO Box	
Rural Route Number	

Address Line 1

	355151 35th Line
City *	Embro
Province/Territory **	Ontario
Postal Code: **	N0J1J0

Highest Ranking Employee

First Name: *	George
Last Name: *	Doumet
Position: *	President
Telephone: *	6046839641
Ext	7404
Fax	6046833924
Email: *	gdoumet@candoumanagement.com

Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	1020 - 789 Pender Street West
City *	Vancouver
Province/Territory **	British Columbia
Postal Code: **	V6C1H2

Person responsible for the Toxic Substance Reduction Plan preparation

First Name: *	Erik
Last Name: *	Martinez

Position: *	Environmental Consultant
Telephone: *	5198840510
Ext	2342
Fax	
Email: *	emartinez@craworld.com

Mailing Address

Delivery Mode	
PO Box	
Rural Route Number	
Address Line 1	651 Colby Drive
City *	Waterloo
Province/Territory **	Ontario
Postal Code: **	N2V 1C2

Employees

Employees

Number of Full-time Employees: *

67

Copy of Certifications of Plan

Copy of Certifications of Plan

Upload Document

A copy of the certification statement(s) from the Highest Ranking Employee and the Licensed Planner(s), for the Toxic Substance Reduction Plan for which the Plan Summary is being submitted are required. Please upload a single document containing all certifications.
Do not upload any certification statements that are dated after December 31. If this applies, click "?" (Help) for more information.

Comments

Website address where the Plan Summary is posted for the public

File Name	Date
Certification Page.pdf	30/12/2013 11:05:43 AM

Plan Summary Submission

Electronic Submission

Company Name

Federal White Cement Ltd.

Facility Name

Woodstock Plant

Report Submitted By (authorized delegate)

George Doumet

☒ I, the authorized delegate, acknowledge that by pressing the "Continue" button, I am electronically submitting the facility TRA Plan Summary for the identified facility.

Substances

11104-93-1, Nitrogen oxides (expressed as NO2)

11104-93-1, Nitrogen oxides (expressed as NO2)

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use nitrogen oxides.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of nitrogen oxides at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of nitrogen oxides at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use nitrogen oxides.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Nitrogen oxides are created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of nitrogen oxides at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

630-08-0, Carbon monoxide

630-08-0, Carbon monoxide

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use carbon monoxide.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of carbon monoxide at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of carbon monoxide at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years

☒ or

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use carbon monoxide.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Carbon monoxide is created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of carbon monoxide at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

7446-09-5, Sulphur dioxide

7446-09-5, Sulphur dioxide

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use sulphur dioxide.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of sulphur dioxde at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of sulphur dioxide at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use sulphur dioxide.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Sulphur dioxide is created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of sulphur dioxide at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

NA - 16, Ammonia (total)

NA - 16, Ammonia (total)

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use ammonia (total).

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of ammonia (total) at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of ammonia (total) at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity	Quantity	Unit

target			
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use ammonia (total).

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Ammonia (total) is created during clinker production in the rotary kiln.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of ammonia (total) at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

NA - M08, Total Particulate Matter

NA - M08, Total Particulate Matter

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use total particulate matter.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of total particulate matter at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of Total PM at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use total particulate matter.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

Total particulate matter is created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment. Fugitive dust emissions of Total PM are created from vehicle traffic on unpaved roads, wind erosion on stockpiles and process equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance

Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of total particulate matter at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

NA - M09, PM10 - Particulate Matter <= 10 Microns

NA - M09, PM10 - Particulate Matter <= 10 Microns

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use PM10.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of PM10 at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of PM10 at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use PM10.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

PM10 is created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment. Fugitive dust emissions including PM10 are created from vehicle traffic on unpaved roads, wind erosion on stockpiles and process equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of PM10 at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan

NA - M10, PM2.5 - Particulate Matter <= 2.5 Microns

NA - M10, PM2.5 - Particulate Matter <= 2.5 Microns

Substances Section Data

Statement of Intent

Are the following included in the Facility's TRA Plan?

Use

Is there a statement that the owner or operator of the facility intends to reduce the use of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the use of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the use of the toxic substance at the facility: **

The Facility does not use PM2.5.

Creation

Is there a statement that the owner or operator of the facility intends to reduce the creation of the toxic substance at the facility?: *

No

If ‘yes’, exact statement of the intent that is included in the facility’s TRA Plan to reduce the creation of the toxic substance at the facility: **

If ‘no’, reason in the facility’s TRA Plan for no intent to reduce the creation of the toxic substance at the facility: **

There were no options identified that can be implemented by FWC to reduce the creation or releases of PM2.5 at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Objectives, Targets and Description

Objectives

Objectives in plan: *

Federal White Cement Ltd. prides itself on technological innovation in order to manufacture various grades of white cement in an environmentally responsible manner. FWC will strive to reduce the creation of PM2.5 at the facility. Further, this plan will determine the technical and economic feasibility of each option to determine which, if any, are viable for implementation at this time.

Use Targets

What is the targeted reduction in use of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of targets

Creation Targets

What is the targeted reduction in creation of the toxic substance at the facility? *

No quantity target		Quantity	Unit
☒	or		

What is the targeted timeframe for this reduction? *

No timeline target		years
☒	or	

Description of Target

Reasons for Use

Why is the toxic substance used at the facility?: *

This substance is not used at the facility

Summarize why the toxic substance is used at the facility: **

The Facility does not use PM2.5.

Reasons for Creation

Why is the toxic substance created at the facility?: *

As a by-product

Summarize why the toxic substance is created at the facility: **

PM2.5 is created during clinker production in the rotary kiln and as products of combustion of natural gas, propane, and petroleum coke used in the rotary kiln and other process related equipment. Fugitive dust emissions including PM2.5 is created from vehicle traffic on unpaved roads, wind erosion on stockpiles and process equipment.

Toxic Reduction Options for Implementation

Description of the toxic reduction option(s) to be implemented

Is there a statement that no option will be implemented?: *

Yes, we are not implementing

If you answered “No” to this question, please add the option(s) under the appropriate Toxic Substance Reduction Categories (e.g. Materials or feedstock substitution, Product design or reformulation, etc.).

If you answered “Yes” please select the appropriate reason(s) in the picklist below for why no option was implemented for this substance at your facility. You may choose to provide an explanation in the text box that is beneath the picklist.

Materials or feedstock substitution

Empty

Product design or reformulation

Empty

Equipment or process modifications

Empty

Spill or leak prevention

Empty

On-site reuse, recycling or recovery

Empty

Improved inventory management or purchasing techniques

Empty

Good operator practice or training

Empty

Identify at least one reason why no option to reduce the use or creation of this substance was implemented at your facility:

Select the applicable reason or reasons **

Explanation of the reasons why no option will be implemented

There were no options identified that can be implemented by FWC to reduce the creation or releases of PM2.5 at this time. More extensive analysis involving the potential reductions from the use of a more efficient burner needs to be performed to assess the feasibility of this potential reduction option.

Rationale for why the listed options were chosen for implementation

General description of any actions undertaken by the owner and operator of the facility to reduce the use and creation of the toxic substance at the facility that are outside of the plan

License Number of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who made recommendations in the toxic substance reduction plan for this substance (First Name Last Name)

License Number of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (format TSRPXXXX): *

TSRP0005

Name of the toxic substance reduction planner who has certified the toxic substance reduction plan for this substance (First Name Last Name)

What version of the plan is this summary based on?: *

New Plan