

DATE: September 3, 2013

TO: Tania Steele

FROM: Eshetu Beshada, Ph.D., P.Eng.  
Environmental Engineer  
Mines and Wastewater Section  
123 Main Street  
Ste. 160 Union Station  
Winnipeg, Mb R3C 1A5  
Ph:204 945-7023

SUBJECT: **6409840 Manitoba Ltd. – Tritec Concrete – Information for Public Registries**

Tania,

Please find attached the TAC correspondence related to the 6409840 Manitoba Ltd – Tritec Concrete file (5658.00) for distribution to the public registries. The documents included are:

- August 29, 2013 email to Tritec Concrete, 1 page with attachment
- August 29, 2013 email from Sonja Bridges, 1 page
- August 29, 2013 e-mail from Cheryl Kubish, 1 page
- August 28, 2013 e-mail from Adara Kaita, 1 page
- August 28, 2013 e-mail from Rommel Molod with attachment, 2 pages
- August 27, 2013 e-mail from Laureen Janusz, 1 page
- August 27, 2013 e-mail from Richard Gray, 1 page
- August 19, 2013 e-mail from Jason Kelly, 1 page
- August 6, 2013 letter from Ryan Coulter, 1 page
- August 1, 2013 e-mail from Dr Shelley Buchan, 1 page
- July 31, 2013 e-mail from Dan Robert, 1 page

12 pages total

Thank you.

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Eshetu Beshada, Ph.D., P. Eng.

## Beshada, Eshetu (CWS)

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**From:** Firlotte, Nicole (CWS)

**Sent:** September-13-13 10:51 AM

**To:** Beshada, Eshetu (CWS)

**Subject:** FW: Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

Eshetu,

Due to staff limitations we apologize for the delayed response. Wildlife branch offered this comment. The cement batch plant is only 10 meters from Mill Creek, which empties into the Assiniboine River. Plastic cement and presumably powdered cement is highly alkaline and may kill aquatic animals and insects. Appropriate measures should be taken to ensure that both plastic cement and powdered cement are not allowed to enter Mill Creek at any time.

Nicole

Nicole Firlotte, MSc

Manager, Biodiversity, Habitat and Endangered Species Section

Conservation and Water Stewardship

204-945-6998

email: [nicole.firlotte@gov.mb.ca](mailto:nicole.firlotte@gov.mb.ca)

 Please consider the environment before printing this e-mail

## Beshada, Eshetu (CWS)

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**From:** Beshada, Eshetu (CWS)  
**Sent:** August-29-13 2:59 PM  
**To:** 'tritec.concrete@gmail.com'  
**Subject:** Tritec Concrete EAP - Additional Information Required  
**Attachments:** Air Quality.docx; ECEB.pdf; OFC.pdf

Hello Jamie

The Environment Act Proposal submitted by Tritec Concrete has been reviewed by the Technical Advisory Committee and the Public. The following are some of the comments you need to address before we proceed with the process.

1. Complete process description of the concrete batch plant.
2. Maximum operating schedule (hours/day, days/year).
3. Maximum production rate (tons/hour, tons/year, yd<sup>3</sup>/hour, yd<sup>3</sup>/year).
4. List of emission activities.
5. Control methods to be used for emissions.
6. The proposal identifies that dust can be an issue, I would like to see a better description of how dust is currently managed on-site.
7. The proposal indicates that there is a discharge area for truck wash water, when I inspected the site in May 2013, there was no evidence of a bermed area for wash water. The owner told me that they rinse the trucks and use the wash water as a dust suppressant in the yard. Any leftover concrete in the trucks is poured into molds to form concrete blocks prior to rinsing of the trucks. The information in the proposal does not jive with current practices at the site. Some clarification might be required .

I have attached the original comments for your information. Please review all the attached comments but address only those listed above.

If you have any question regarding this please do not hesitate to call me.

Regards

**Eshetu Beshada, PhD, P. Eng.**  
*Environmental Approvals Branch*  
*Manitoba Conservation and Water Stewardship*  
**REGULAR MAIL** - 160-123 Main Street (BOX 80)  
**COURIERS** - 2<sup>nd</sup> Floor 123 Main Street  
*Winnipeg, MB R3C 1A5*

*Phone:* (204) 945 7023  
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*E-mail:* [Eshetu.Beshada@gov.mb.ca](mailto:Eshetu.Beshada@gov.mb.ca)

## Beshada, Eshetu (CWS)

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**From:** Bridges, Sonja (CWS)  
**Sent:** August-29-13 1:25 PM  
**To:** Beshada, Eshetu (CWS)  
**Subject:** Client File 5658.00 - Tritec Concrete EAL Proposal

Good Afternoon Eshetu,

My apologies for not getting this to you yesterday, but we had a power outage here at the office and I lost the email I was preparing to send to you. I have reviewed the proposal prepared by Tritec Concrete and wish to offer the following comments:

1. The proposal identifies that dust can be an issue, I would like to see a better description of how dust is currently managed on-site.
2. The proposal indicates that there is a discharge area for truck wash water, when I inspected the site in May 2013, there was no evidence of a bermed area for wash water. The owner told me that they rinse the trucks and use the wash water as a dust suppressant in the yard. Any leftover concrete in the trucks is poured into molds to form concrete blocks prior to rinsing of the trucks. The information in the proposal does not jive with current practices at the site. Some clarification might be required .

Regards,

Sonja Bridges,  
Environment Officer  
Manitoba Conservation and Water Stewardship  
1007 Century Street  
Winnipeg MB R3H 0W4  
Ph: (204) 918-4271  
[sonja.bridges@gov.mb.ca](mailto:sonja.bridges@gov.mb.ca)  
Emergency Response Line: 944-4888 or toll free 1-855-944-4888  
**\*\*Please note the new address\*\***

## **Beshada, Eshetu (CWS)**

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**From:** Kubish, Cheryl (OFC)

**Sent:** August-29-13 1:50 PM

**To:** Beshada, Eshetu (CWS)

**Cc:** Schafer, Dave (OFC)

**Subject:** FW: Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

With respect to the continued operation of the batch plant, the Office of the Fire Commissioner recommends that a fire safety /emergency response plan, in conformance with 2.8 of the Manitoba Fire Code, be filed with the RM of Cartier Fire Department.

Cheryl Kubish  
Administrative Assistant  
Office of the Fire Commissioner  
508-401 York Avenue  
Winnipeg MB R3C 0P8  
Phone: 945-3328  
Fax: 948-2089

E-Mail address: [Cheryl.Kubish@gov.mb.ca](mailto:Cheryl.Kubish@gov.mb.ca)

## **Beshada, Eshetu (CWS)**

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**From:** Kaita, Adara (CWS) on behalf of +WPG1212 - Conservation\_Circulars (CWS)  
**Sent:** August-28-13 3:35 PM  
**To:** Beshada, Eshetu (CWS)  
**Subject:** EA Proposal - Tritec Concrete - Concrete Batch Plant - File: 5658.00

Hi Eshetu,

The Watersheds and Protected Areas Branch and the Lands Branch have no concerns with the EA proposal.

Thank you,

**Adara Kaita**

Crown Land Programs and Policy Manager  
Conservation and Water Stewardship  
Box 25, 200 Saulteaux Crescent  
Winnipeg, MB R3J 3W3  
Cell: (204) 945-6301  
F: (204) 948-2197

## **Beshada, Eshetu (CWS)**

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**From:** Molod, Rommel (CWS)

**Sent:** August-28-13 9:20 AM

**To:** Beshada, Eshetu (CWS)

**Cc:** Streich, Laurie (CWS); Ibn Azkar, Muntaseer

**Subject:** RE: Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

Eshetu, attached are the AQ comments on the proposal.

Thanks for the opportunity to review.

Rommel

## **Comments on Tritec Concrete**

The followings are the comments on the proposal:

- Tritec Concrete is a concrete batch plant which manufactures ready mix concrete for distribution. The materials that will be handled and used in the manufacturing process are: concrete powder ash, coarse and fine aggregates, admixtures, and water. The air quality section has concerns regarding emissions from this type of plant. Inadequate control measures may result increasing level of PM<sub>2.5</sub> and PM<sub>10</sub> in the surrounding concrete batch plant. Types of controls may include baghouses, water sprays, enclosures, hoods, curtains etc.
- The following information are required to assess the potential impact on air quality in the surrounding concrete batch plant:
  1. Complete process description of the concrete batch plant.
  2. Type of concrete batch plant (truck-mixed/central-mixed).
  3. Maximum operating schedule (hours/day, days/year).
  4. Maximum production rate (tons/hour, tons/year, yd<sup>3</sup>/hour, yd<sup>3</sup>/year).
  5. List of emission activities.
  6. Control methods to be used for emissions.
- Provided that the dust removal devices (bag houses) and other pollution control measures (e.g., use of curtains, pavement of high vehicle traffic area, sweeping etc.) are appropriately operated and maintained. The Manitoba Heavy Construction Association (MHCA)'s "Best Management Practice for Ready Mix Concrete Plants Manual" is also followed. It is expected that concerns regarding air pollution will be addressed.
- It is suggested that the EA Clause regarding noise nuisance be included.



## Beshada, Eshetu (CWS)

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**From:** Janusz, Laureen R (CWS)  
**Sent:** August-27-13 1:27 PM  
**To:** Beshada, Eshetu (CWS)  
**Cc:** Klein, Geoff (CWS); Long, Jeff (CWS)  
**Subject:** EAP 5658.00 Tritec Concrete due August 27 2013

Hi Eshetu,

Fisheries Branch has reviewed this proposal for the *continued operation of a concrete batch plant at 18 Main Street in St. Eustache in the Rural Municipality of Cartier, Manitoba. The plant will produce ready mix concrete for distribution at construction projects.*

Mill Creek runs along the one boundary of the concrete plant and does support fish species. The proponent indicates that the wash out area is surrounded by a berm and they let the water evaporate. We would want a clause that ensures there is no release of wash out water to the creek or any other area that might lead to a surface water. It does appear from the aerial provided that some of the riparian area adjacent to the creek has been retained. Would it be possible to include a clause that requires the current treed area remain intact?

Thanks Eshetu.

Laureen Janusz  
Fisheries Science and Fish Culture Section  
Fisheries Branch  
Conservation and Water Stewardship  
Phone: 204 945-7789  
Cell: 204 793-1154  
Email: [Laureen.Janusz@gov.mb.ca](mailto:Laureen.Janusz@gov.mb.ca)

## Beshada, Eshetu (CWS)

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**From:** Gray, Richard (MLG)  
**Sent:** August-27-13 10:35 AM  
**To:** Beshada, Eshetu (CWS)  
**Cc:** Shaler, Samantha (MLG)  
**Subject:** 5658.00 Tritec Concrete Batch Plant, St. Eustache

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Please be advised that our office has no concerns with this Environment Act Proposal.

*Richard Gray, Planner  
Manitoba Local Government  
Community and Regional Planning  
1-2210 Saskatchewan Ave. West  
Portage la Prairie, MB R1N 0X1  
Phone: 1 (204) 239-3347  
Fax: 1 (204) 239-3459  
e-mail: [Richard.Gray@gov.mb.ca](mailto:Richard.Gray@gov.mb.ca)*

## **Beshada, Eshetu (CWS)**

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**From:** Kelly, Jason (CWS)  
**Sent:** August-19-13 8:50 AM  
**To:** Beshada, Eshetu (CWS)  
**Subject:** Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

Parks and Natural Areas Branch has reviewed the proposal filed pursuant to the Environment Act for Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00. The Branch has no comments to offer as this does not impact any parks or ecological reserves.

Jason Kelly, M.N.R.M.  
Ecological Reserves and Protected Areas Specialist  
Parks and Natural Areas Branch  
Conservation and Water Stewardship  
Box 53, 200 Saulteaux Cres  
Winnipeg, MB R3J 3W3

Phone: 204-945-4148  
Cell:  
Fax: 204-945-0012

Email: [Jason.Kelly@gov.mb.ca](mailto:Jason.Kelly@gov.mb.ca)



**Infrastructure and Transportation**

Highway Planning and Design Branch  
Environmental Services Section  
1420 - 215 Garry St., Winnipeg, MB R3C 3P3  
T (204) 619-4359 F (204) 945-0593

August 6, 2013

Tracey Braun, M. Sc.  
Director, Environmental Approvals Branch  
Manitoba Conservation and Water Stewardship  
123 Main St., Suite 160  
Winnipeg, MB R3C 1A5

RE: Tritec Concrete Batch Plant at Saint Eustache  
Client File No 5658.00

Dear Ms. Braun:

MIT has reviewed the proposal noted above and we do not have concerns with the development as proposed.

Thank you very much for providing us the opportunity to review the proposal.

Sincerely,

Ryan Coulter, M. Sc., P. Eng.  
Manager of Environmental Services

## Beshada, Eshetu (CWS)

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**From:** Buchan, Shelley (HEALTH)  
**Sent:** August-01-13 2:17 PM  
**To:** Beshada, Eshetu (CWS)  
**Subject:** FW: Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Eshetu

I don't have any specific health concerns for the community other than for measures to be put into place to minimize dust and noise for any surrounding households. From the quality of the aerial photographs I can not tell how close the nearest residential building is.

Thanks

Shelley

DR SHELLEY BUCHAN  
Medical Officer of Health /Medecin hygieniste  
Southern Health-Santé Sud  
180 Centenaire Drive  
Southport, MB R0H 1N1  
Tel: 204 428 2726 Fax: 204 428 2779  
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Web: [www.southernhealth.ca](http://www.southernhealth.ca)

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## Beshada, Eshetu (CWS)

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**From:** Roberts, Dan (CWS)  
**Sent:** July-31-13 10:13 AM  
**To:** Beshada, Eshetu (CWS)  
**Subject:** Request for review & comment - Due Aug. 27, 2013 - Tritec Concrete - File: 5658.00

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

No concerns.

## Dan Roberts

Water Resource Officer  
Water Control Works and Drainage Licensing Section  
Conservation and Water Stewardship  
Box 640, 201 Fourth Ave. S., Swan River, MB R0L 1Z0  
Cell: (204) 281-2122, Fax: 734-3733