

DATE: December 3, 2013

TO: Tania Steele

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

SUBJECT: **Plasti-Fab Ltd. – Plastic Foam Manufacturing – Information for Public Registries**

Tania,

Please find attached the TAC correspondence related to Plasti-Fab Ltd – foam manufacturing Facility file (5680.00) for distribution to the public registries. The documents included are:

- December 3, 2013 email from Eshetu Beshada, 1 page
- November 26, 2013 a memo from Muntaseer Ibn Azkar, 1 page
- November 25, 2013 e-mail from James Stibbard, 1 page
- November 20, 2013 e-mail from Caroline Boissonneault, 1 page
- November 18, 2013 e-mail from Cheryl Kubish, 1 page
- November 06, 2013 e-mail from Adara Kaita, 1 page
- November 06, 2013 e-mail from Kevin Jacobs, 1 page
- October 29, 2013 letter from Ryan Coulter, 1 page
- October 28, 2013 e-mail from Jim Crone, 1 page
- October 25, 2013 e-mail from Jason Kelly, 1 page

10 pages total

Thank you.

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

Beshada, Eshetu (CWS)

To: John Brazzale
Subject: FW: Plasti-Fab - Environmental Act Proposal Review
Attachments: Air Quality.pdf

Hello Mr. Brazzale,

The Public and Technical Advisory Committee review of the EAP submitted on behalf of Plasti-Fab Ltd has been completed. Attached is concerns forwarded by the Air Quality Section on potential Styrene emission to the ambient air and the amount of n-Pentane in Expandable Polystyrene Resin which does not comply with CCME's requirement. Please address the concerns and send your response directly to me.

Regards

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

Phone: (204) 945 7023
Fax: (204) 945 5229
E-mail: Eshetu.Beshada@gov.mb.ca

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DATE: 26 November 2013

TO: Eshetu Beshada
Environmental Approvals
Conservation and Water
Stewardship
160-123 Main Street, Winnipeg

FROM: Muntaseer Ibn Azkar
Air Quality–Environmental Programs
& Strategies
Conservation and Water Stewardship
1007 Century Street, Winnipeg

SUBJECT: Plasti-Fab Ltd. - Plastic Foam Mfg. Facility (File 5680.00)

Air Quality Section has reviewed the above proposal and provides the following comments:

- Expanded Polystyrene processing plant is a potential source of VOC, particularly styrene and pentane. The process flow diagram shows some fugitive and stack emissions of VOC's that may have some impact on surrounding air quality. Manitoba Ambient Air Quality Criteria (MAAQC) has 24-hour average standard for styrene which is $400 \mu\text{g}/\text{m}^3$ or 94 ppb. Air quality section has understood that no ambient air quality measurement has performed so far. It is recommended that the proponent should ensure the compliance of 24-hour average standard for styrene in the plant's surrounding area.
- The proponent should conform to the Canadian Council of Ministers of the Environment's (CCME) environmental guideline for the reduction of VOC emissions from the plastics processing industry (CCME PN 1276, July 1997). It has noticed in the provided material safety data sheet that the expandable polystyrene resin contains <7.0% n-Pentane which should be <5.0% according to CCME guideline (section 9.2).

Beshada, Eshetu (CWS)

From: Stibbard, James (CWS)
Sent: November-25-13 9:09 AM
To: Beshada, Eshetu (CWS)
Subject: Re: 5680.00 Plasti-Fab Ltd. EAP

Follow Up Flag: Follow up
Flag Status: Flagged

Dr. Beshada,

I reviewed the above noted EAP. The Report does not specifically state the source of domestic and process water for the facility, but as it is located in Winnipeg, the water most likely comes from the City of Winnipeg Water System.

Office of Drinking Water does not see any cause for concern respecting drinking water safety with this EAP.

IF you have any questions, please call.

Regards,

James Stibbard P. Eng.

Approvals Engineer

Office of Drinking Water

1007 Century Street

Winnipeg MB R3H 0W4

phone: (204) 945-5949

fax: (204) 945-1365

email: James.Stibbard@gov.mb.ca

website: www.manitoba.ca/drinkingwater

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Beshada, Eshetu (CWS)

From: Boissonneault, Caroline (CWS)

Sent: November-20-13 10:00 AM

To: Beshada, Eshetu (CWS)

Subject: RE: Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

Hello:

The Wildlife Branch does not have any concerns with this review.

Thank you.

Caroline Boissonneault

Wildlife Branch

Conservation and Water Stewardship

Tel.: 204-945-6810

Caroline.boissonneault@gov.mb.ca

Beshada, Eshetu (CWS)

From: Kubish, Cheryl (OFC)

Sent: November-18-13 8:26 AM

To: Beshada, Eshetu (CWS)

Cc: Schafer, Dave (OFC)

Subject: RE: Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

The Office of the fire Commissioner recommends that with the continued operation of this facility, an updated Fire Safety/Emergency Response Plan be filed with the local fire authority, the Winnipeg Fire Paramedic Service.

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

Beshada, Eshetu (CWS)

From: Kaita, Adara (CWS) on behalf of +WPG1212 - Conservation_Circulars (CWS)
Sent: November-06-13 11:22 AM
To: Beshada, Eshetu (CWS)
Subject: EA Proposal - File 5680.00 - Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

Follow Up Flag: Follow up
Flag Status: Flagged

Hi Eshetu,

The Watersheds and Protected Areas Branch has no concerns. The Lands Branch has no concerns, but notes the following:

Without limiting other necessary regulatory approvals the proponent shall, prior to development on Crown land, apply for and obtain the appropriate land tenure allocations in accordance with The Crown Lands Act, from the Crown Land and Property Agency.

Thanks,

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)

From: Jacobs, Kevin (CWS)

Sent: November-06-13 9:40 AM

To: Beshada, Eshetu (CWS)

Subject: RE: Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

Hello Eshetu,

I have no comments regarding the above proposal with respect to surface water quality.

Thank you,

Kevin Jacobs, M.Sc.

Senior Water Protection Officer

Water Science and Management Branch

Manitoba Conservation and Water Stewardship

123 Main Street Winnipeg, Manitoba R3C 1A5

Phone: 204 945 4304

Fax: 204 948 2357



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

October 29, 2013

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

RE: Plasti-Fab Ltd. - EPS Foam Manufacturing Facility
Client File No. 5680.00

Dear Ms. Braun:

MIT has reviewed the proposal under the Environment Act noted above and we do not have any concern.

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)

From: Crone, Jim (IEM)

Sent: October-28-13 10:14 AM

To: Beshada, Eshetu (CWS)

Subject: RE: Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

No comments

Jim Crone
Director
Energy Division
Department of Innovation, Energy and Mines
1200-155 Carlton Street
Winnipeg, Manitoba, R3C 3H8, Canada

204-945-1874 (work) 204-943-0031 (fax)
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www.manitobaenergy.ca

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Beshada, Eshetu (CWS)

From: Kelly, Jason (CWS)

Sent: October-25-13 3:51 PM

To: Beshada, Eshetu (CWS)

Subject: RE: Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility

Parks and Natural Areas Branch has reviewed the Request for review/comment - DUE NOVEMBER 26, 2013 - File 5680.00 Plasti-Fab Ltd. - Plastic Foam Mfg. Facility filed pursuant to the *Environment Act*. The Branch has no comments or concerns as it does not affect 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