

**Appendix B –  
Liner Installation Photos**

**Liner Installation Photos – Dunnottar Passive Filter  
September 03-06, 2014**



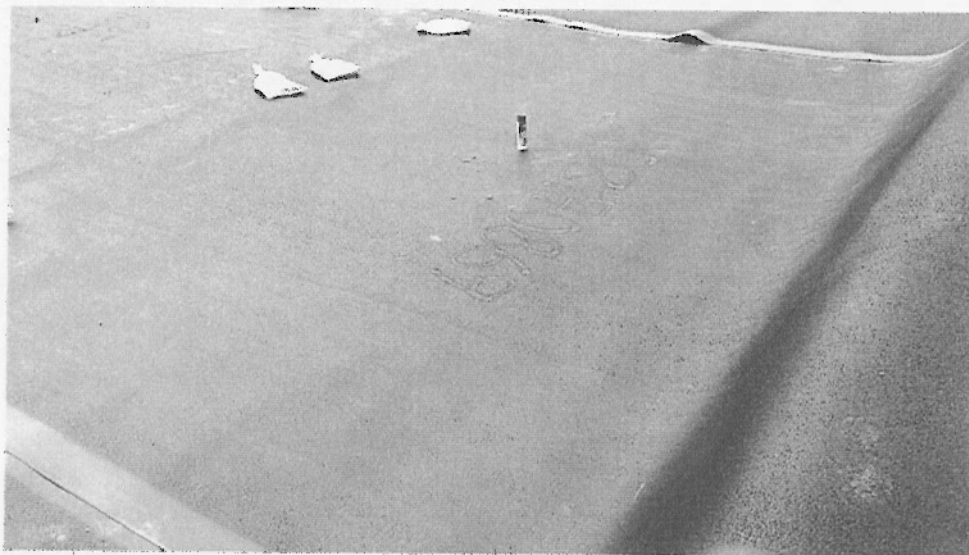
1. Placing First Roll in Cell #2 by hand



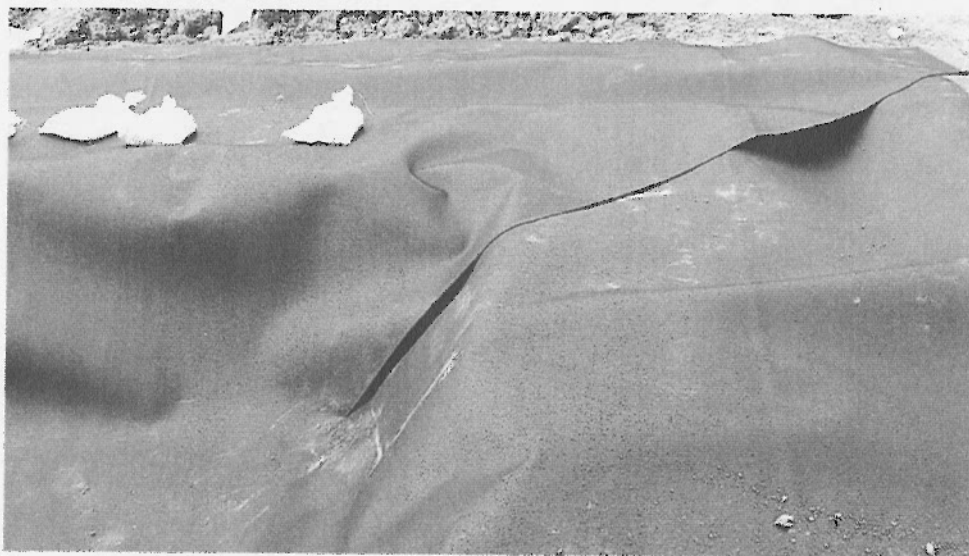
2. Part way through placement in Cell #2



3. Cell #2 Placement Complete



4. Panel Labeling



5. Rough fitting corners



6. Test Seam before welding begins



7. Welding in Cell #2- white line indicates 125 mm (5") overlap



8. Machine assisted placement in Cell #1



9. Clamp detail – ½” diameter bars on clamp prevent marring of liner



10. Partially Completed Cell #1



11. Completed placement in Cell #1



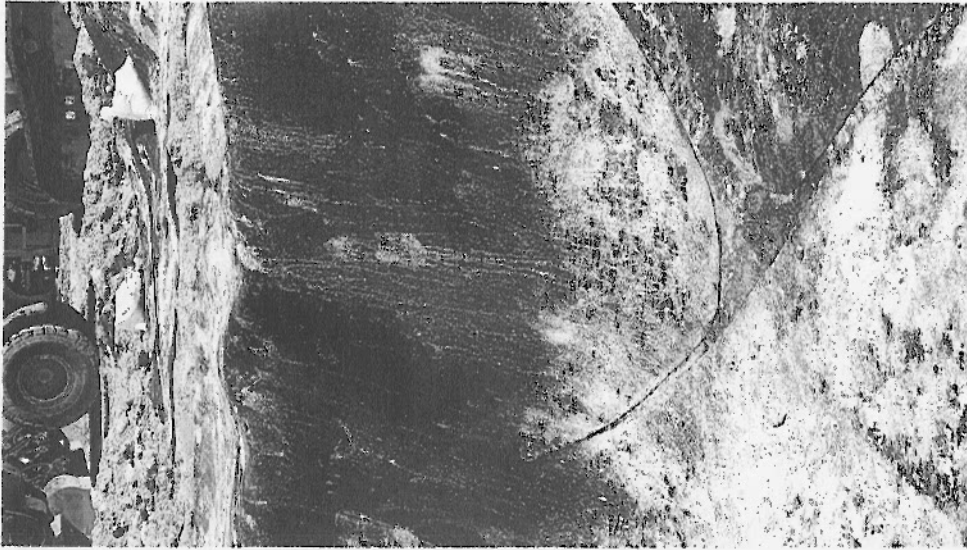
12. View of both cells – final butt seam welding



13. Cell #1 Placement and Wedge Welding Complete



14. Cell #2 Placement and Wedge Welding Complete



15. Leistered corner detail – cleaning and grinding to follow



16. T- weld reinforcement detail along butt seams



17. Extrusion welding on complex sloped corner



18. Finished Pipe Penetration in Cell #2 (with geo-cushion and drain pipe)





19. Finished Pipe Penetration in Cell #1 – with geo-cushion and drain pipe

# Warning / Avertissement



NAME / NOM Kristine Shields, CAO	TELEPHONE / TÉLÉPHONE 204-389-4962
REPRESENTING / REPRÉSENTANT Village of Dunnottar	
ADDRESS / ADRESSE 44 Whytewold Road, Matlock, MB	POSTAL CODE / CODE POSTAL R0C 2B0

On or about the / Le ou vers le  day of / jour d   at / à  M / h  at / à

(day / jour) (month / mois) (year / année) (time / heure) (am / pm)

LOCATION / LIEU   
(city, town, municipality / ville, municipalité)

Did unlawfully commit the following offence contrary to: / A commis l'infraction suivante contrairement au :

<input checked="" type="checkbox"/> The Environment Act / Loi sur l'environnement	<input type="checkbox"/> The Dangerous Goods Handling and Transportation Act / Loi sur la manutention et le transport des marchandises dangereuses	<input type="checkbox"/> Other / Autre	<input type="checkbox"/>
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Regulation / Règlement

NUMBER / NUMÉRO	SECTION / ARTICLE
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OFFENCE: / INFRACTION: Failure to comply with Environment Act Licence No. 2704 R, specifically clauses 18 and 20.

INSTRUCTIONS: / INSTRUCTIONS :  
File a Notice of Alteration by October 15, 2014, pursuant to Section 14 of *The Environment Act* for approval of the alteration to the development as licensed, including a detailed liner installation report that incorporates statements by the engineer that was on site at all times during the installation of the liner and photos and drawings that clearly illustrate the installation of the liner.

(add additional pages if necessary / ajouter des pages s'il y a lieu)

COMPLIANCE/REINSPECTION DATE: / OBSERVATION DES INSTRUCTIONS OU DATE DE RÉINSPECTION : N/A

ENVIRONMENT OFFICER / AGENT DE L'ENVIRONNEMENT Slobhan Burland Ross I.D. # / N° D'IDENTIFICATION E190

ADDRESS: / ADRESSE : 160 - 123 Main Street, Winnipeg, MB TELEPHONE: / TÉLÉPHONE : 204-945-7015

RECEIVED BY: / REÇU PAR : \_\_\_\_\_ DATE: / DATE : \_\_\_\_\_  
(signature / signature)

FAILURE TO COMPLY WITH THE ABOVE WARNING TO THE SATISFACTION OF THIS DEPARTMENT OR A REPRESENTATIVE OF THIS DEPARTMENT MAY RESULT IN PROSECUTION UNDER THE LAW. /

L'INOBSERVATION DE L'AVERTISSEMENT CI-DESSUS À LA SATISFACTION DE CE MINISTÈRE OU D'UNE PERSONNE LE REPRÉSENTANT PEUT DONNER LIEU À UNE POURSUITE JUDICIAIRE.

# Manitoba



Conservation and Water Stewardship

Environmental Stewardship Division

Environmental Approvals Branch

123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5

T 204 945-8321 F 204 945-5229

[www.gov.mb.ca/conservation/eal](http://www.gov.mb.ca/conservation/eal)

File: 914.20.

September 23, 2014

Ms. Kristine Shields, CAO  
Village of Dunnottar  
44 Whytefold Road  
Matlock, MB R0C 2B0

Dear Ms. Shields:

**Re: Compliance Issues – Environment Act Licence No. 2704 R**

This letter is in regards to compliance with Environment Act Licence No. 2704 R, specifically clause 18 regarding the specifications of the liner to be installed under the passive filter system and clause 20 regarding receiving approval of the assigned Environment Officer prior to covering the liner.

It was brought to the attention of Environmental Approvals Branch by the submission of the liner testing report, dated September 12, 2014, that a high density polyethylene liner (HDPE) was installed at the Village of Dunnottar wastewater treatment lagoon facility rather than the polyvinyl chloride (PVC) liner that was proposed by the Village and was specified in Environment Act Licence No. 2704 R issued January 10, 2014. The change to the development as licenced is considered an alteration and as such, pursuant to Section 14 of *The Environment Act*, a Notice of Alteration was required to be submitted and approval obtained prior to the alteration being made.

Upon discussion with your consultant on September 19, 2014 it was further confirmed that the liner was covered prior to receiving authorization from an Environment Officer in non-compliance with clause 20 of Environment Act Licence No. 2704 R.

You are hereby required to submit a Notice of Alteration, along with the \$500 fee, no later than October 15, 2014, that describes the alteration to the development. The notice shall include a detailed report of the liner installation including signed and sealed statements by a professional engineer that was present at all times during the installation, photographs and drawings that clearly describe the installation and a summary of all tests carried out during the installation. Upon review of the Notice of Alteration, you may be required to remove all or part of the cover material to facilitate the inspection of the installed liner. Should it be determined that the liner was not installed pursuant to our standard requirements, you may be required to

remove the liner and reinstall it accordingly. A revised Environment Act Licence will be issued with necessary limits, terms and conditions.

Please find attached a Warning ticket for the above-noted offence. Failure to comply with the terms and conditions of your Environment Act Licence in the future may result in prosecution pursuant to *The Environment Act*.

Should you have any questions please do not hesitate to contact me at (204) 945-7015.

Yours truly,



Siobhan Burland Ross, M.Eng, P.Eng.  
Manager

**Attachment**

c: Tracey Braun, Director, Environmental Approvals Branch  
Don Labossiere, Director, Environmental Compliance and Enforcement  
Donna Smiley, Provincial Manager, Environmental Compliance and Enforcement  
Ian Parkinson, P.Eng., Dillon Consulting Limited  
Dave Shwaluk, Manitoba Water Services Board