

Univar Solutions
99 Lawson Crescent
Winnipeg, MB, R3P 0T3
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Attn: Environmental Stewardship Division

Subject: Bulk Capacity Expansion – Univar Solutions @ 99 Lawson Crescent

Hello,

We would like to apply for an alteration to our Environmental License (# 3213) in order to add additional bulk storage to our facility for a new product.

Please find the attached supporting documentation detailing the proposed changes and potential environmental effects of the alteration.

Sincerely,

Quality Assurance & EHS Coordinator

204 928 7237

Ryan.smith@univarsolutions.com

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Notice of Alteration Form



File No. :	Environment Act Licence No. : 3213	
Legal name of the Licencee: Univar Solutions Ltd.		
Name of the development:		
Category and Type of development per Classes of Development Regulation: Manufacturing Bulk materials handling facilities		
Licencee Contact Person: Ryan Smith		
Mailing address of the Licencee: 99 Lawson Crescent		
City: Winnipeg	Province: MB	Postal Code: R3P 0T3
Phone Number: (204) 990-7625 Fax:		Email: ryan.smith@univarsolutions.com
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Same as above		
Phone:	Mailing address:	
Fax:		
Email address:		
Short Description of Alteration (<i>max 90 characters</i>): Addition of bulk storage for new product - Hydrochloric Acid		
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>		
If No, please explain: Credit Card payment will be issued		
Date: 2022-08-17	Signature:	
	Printed name: Ryan Smith	
A complete Notice of Alteration (NoA) consists of the following components: <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input checked="" type="checkbox"/> 1 hard copy and 1 electronic copy of the NoA detailed report (see " Information Bulletin - Alteration to Developments with Environment Act Licences ") <input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance)		Submit the complete NoA to: Director, Environmental Approvals Branch Manitoba Conservation and Climate 1007 Century Street Winnipeg, Manitoba R3H 0W4 EABDirector@gov.mb.ca For more information: Phone: (204) 945-8321 Fax: (204) 945-5229 https://www.gov.mb.ca/sd/permits_licenses_approvals/eal/licence/index.html
Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin – Environment Act Proposal Report Guidelines")		

Current situation:

Univar Solutions (located at 99 Lawson Crescent) is an industrial chemical distribution facility. In the main warehouse, packaged goods are received, stored, and shipped, with some custom blending occurring. In the tank farm (layout pictured in the figure to below), product is transloaded from bulk tanker trucks, and rail cars into the storage tanks. Product is also loaded into smaller packaging in the blend room, and into trucks for delivery to customers.

The current storage capacity is 1,480,400 liters of storage in tanks (railcars not included). The products stored in tanks are: Xylene, Methanol, Ethyl Acetate, Butyl Acetate, Mineral Spirits, Methyl Isobutyl Carbinol, Toluene, Propyl Alcohol, Methyl N-Amyl Ketone, and Van Sol 53. They are all flammable solvent liquids. The tanks that are inside the dyke containment system are all single walled containers. The tanks that are outside the dyke wall are double walled containers. All tanks are registered with the petroleum storage division.

Proposed Changes:

The proposed change would see the addition of 1 additional storage tank of approximately 120,000 Liters.

This would be a new product at our facility in Winnipeg, but it is handled at a number of our other facilities in Canada. The new product proposed to be handled is Hydrochloric acid. The tank would be placed on an engineered concrete slab, with an additional retention dyke. In addition to the tank and dyke, an acid scrubbing system would be installed to ensure any vented air is free of harmful vapors. Product would arrive via railcar, and be offloaded into the tank for transferring to trucks and smaller containers.

The yard is paved & graded in order to contain any spills, and a valve (stays closed) will be located in the berm which allows us to prevent unintended releases to the ground underneath or the municipal drainage system. There are no sewers or manholes within the yard. The tanks are all grounded to prevent the chance of static buildup.

Although the new product being handled is different from our typical products, we have experience and set procedures from other branches that we will be able to implement, the overall environmental effect I expect will not be significant.

Univar Solutions Canada is the legal name of the company.

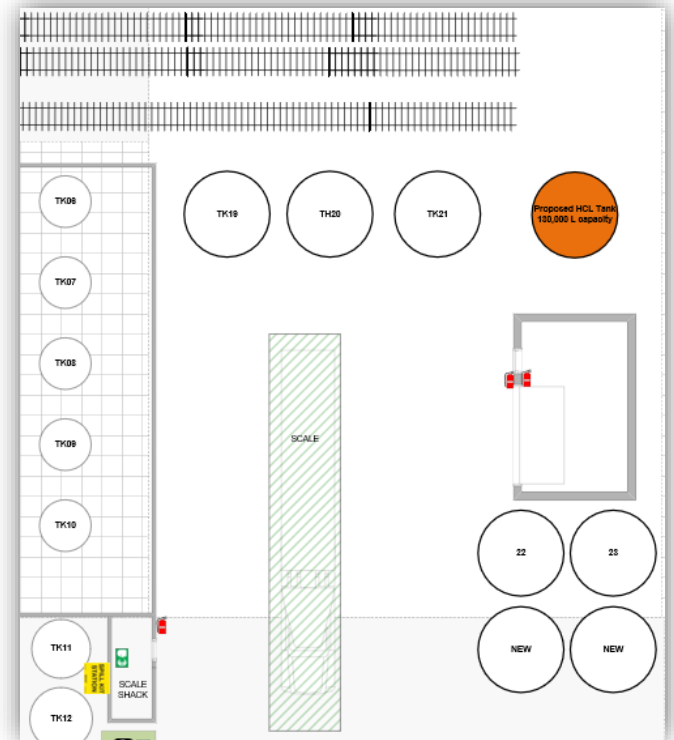


Figure 1. Tank farm Layout. The orange circle represent the proposed new tank.