

## SUMMARY OF COMMENTS / RECOMMENDATIONS

**PROPONENT:** Red River Galvanizing Inc.  
**PROPOSAL NAME:** Red River Galvanizing Inc.  
**CLASS OF DEVELOPMENT:** CLASS 1  
**TYPE OF DEVELOPMENT:** Manufacturing and Industrial Plant  
**CLIENT FILE NO:** 4836.00

### OVERVIEW:

A proposal was filed by Mr. Grant Arklie of Red River Galvanizing Inc. for the construction and operation of a plant to hot dip galvanize metal at Oxford Street in Lot 3, Plan 35536 WLTO in the Rural Municipality of Springfield.

Production processes involved in the operation are: cleaning and degreasing, pickling, hot dip galvanizing, and shipping and receiving of steel components. There is a potential for emissions of particulate matter including metals; and caustic and acid vapours. Proposed initial operation is 7:30 a.m. till 3:30 p.m., 5 days per week with occasional work on Saturdays.

The Department provided the Technical Advisory Committee with information on the Proposal and made public notification in the Winnipeg Free Press. The closing date for comments was August 17, 2002. The following summarizes the responses:

### RELEVANT COMMENTS FROM THE PUBLIC

Seven citizens submitted comments supporting the Development.

One citizen submitted comments or concerns regarding the Development. They were as follows:

- Comment 1: Increase traffic.  
Response: *Shipping times will be within day shift hours. Traffic can be directed from the south where the impact will be minimal.*  
Disposition: No further action needed.
- Comment 2: Increased noise.  
Response: *Shipping times will be within day shift hours. Traffic can be directed from the south where the impact will be minimal. All processing takes place within the plant.*  
Disposition: The Licence addresses noise.
- Comment 3: Need for dust abatement on Oxford Street.  
Response: *Dust suppression is applied once per year by the R.M. of Springfield. The proponent has suggested approaching Council, if necessary, to increase the frequency of abatement. Alternatively, the proponent proposes that they and other businesses in the area absorb the cost of applying suppression when and if needed.*  
Disposition: No further action needed.
- Comment 4: Acidic emissions.  
Response: *The facility will use sulphuric acid which is less corrosive than hydrochloric acid. The proponent states that levels of acid are typically not detectable within a short distance of the process.*  
Disposition: The Licence addresses the modelling and ongoing monitoring of acid emissions and the abatement of same if they are a concern.
- Comment 5: Base metal emissions.  
Response: *The proponent states that there are no emissions of metals except for zinc.*  
Disposition: The Licence addresses the modelling and ongoing monitoring of metallic emissions and the abatement of same if they are a concern.
- Comment 6: Ground water depletion.  
Response: *The amount of water required is minimal once the initial processing has been established. The proponent has offered to have this initial water demand trucked to the site.*  
Disposition: The proponent has been requested to apply for a water rights licence.
- Comment 7: Ground water contamination.  
Response: *All hazardous liquids are contained in proper storage containers with approved secondary and tertiary containment.*  
Disposition: The Licence addresses the storage of liquids.

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Comment 8: Disposal of wastewater.  
Response: *The process does not generate wastewater.*  
Disposition: No further action needed.

**RELEVANT COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:**

1. **Manitoba Culture, Heritage & Citizenship – Historical Resources Branch** – has no concerns.

*No response necessary.*

Disposition: No action needed.

2. **Manitoba Industry, Trade and Mines – Petroleum Branch** – did not respond.

*No response necessary.*

Disposition: No action needed.

3. **Manitoba Intergovernmental Affairs** – did not respond.

*No response necessary.*

Disposition: No action needed.

4. **Manitoba Conservation – Policy Coordination Branch - Conservation Programs Division – Climate Change Branch** – has the following comments:

- 1) No information is provided on the anticipated levels of substances in the outdoor ambient air off the plant property. The proponent should undertake air dispersion modeling to estimate off property maximum concentration levels for the acids and zinc.

*The proponent replied that calculated estimates indicate air dispersion modeling is not necessary.*

Disposition: The Licence requires the submission of the air quality dispersion model results and any appropriate abatement actions necessary as a result of the data gathered.

- 2) Caustic and acidic and metallic emissions without control equipment may be a concern. Emission data can only be determined from stack emission data combined with annual production figures and metal usage.

*The proponent has been requested to perform and submit an air quality dispersion modelling analysis.*

Disposition: The Licence provides for emission quantification, assessment and control as needed.

5. **Environment Canada – Canadian Environment Review Agency** – comment that the application of the *Canadian Environmental Assessment Act* with respect to this project will not be required.

*No response necessary.*

Disposition: No further action needed.

6. **Manitoba Agriculture and Food – Soils and Crops Branch - Agricultural Resources Section** – has identified no concerns.

*No response necessary.*

Disposition: No action needed.

7. **Manitoba Highways and Transportation - Highway Planning and Design** – has no concerns with this project.

*No response necessary.*

Disposition: No action needed.

8. **Manitoba Health - Public Health Branch - Environmental Health Unit** – had the following comments.

- 1) The immediate vicinity of the proposed plant is an established industrial park which should not be impacted by this operation.

*No response necessary.*

Disposition: No action needed.

- 2) The nearest two residents should not be affected.

*No response necessary.*

Disposition: No action needed.

- 3) Potential noise problems should be recognized in the Licence.

*No response necessary.*

Disposition: The Licence addresses noise issues.

- 4) Operational monitoring and measurements of emissions of this particular plant should be a part of the licence.

*No response necessary.*

Disposition: The Licence provides for this.

**PUBLIC HEARING:**

There were no requests for public hearings.

**RECOMMENDATIONS:**

A Licence considering the above relevant concerns as well as those of the Approvals Branch be prepared and issued. Responsibility for enforcement of the Licence should be transferred to the Region.

**PREPARED BY:**

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