# GENERAL

## Related Sections

#### Section 01060 – Regulatory Requirements

#### Section 01550 – Traffic Control

#### Section 01561 – Environmental Protection

#### Section 02230 – Site Preparation for Pipelines, Utilities and Associated Structures

## References

### Ontario Provincial Standards for Roads and Public Works (OPSS)

#### OPSS.MUNI 506 Construction Specification for Dust Suppressants (Nov 2017)

#### OPSS.MUNI 2501 Material Specification for Calcium Chloride (Nov 2017)

#### OPSS.MUNI 2503 Material Specification for Magnesium Chloride Solid and Magnesium Chloride Solution (Nov 2017)

## Delivery Storage and Handling

### .1 Supply water and/or calcium chloride in quantities and at times as required in order to mitigate the impacts of dust, or as directed by the Consultant.

### .2 Store bags of calcium chloride solid in weatherproof enclosures a minimum of 30m away from watercourses, wetlands and other environmentally sensitive areas shown on the Contract Drawings.

# PRODUCTS

## OPSS.MUNI 506 is amended as follows:

### **506.04.01 Submission Requirements** The second and third paragraph are deleted and replaced by the following:

Dust suppressants shall not contain waste material.

### **506.05.02 Calcium Chloride Solid, Calcium Chloride Solution, and Calcium-Magnesium Chloride Blend** The first sentence is deleted and replaced by the following:

Calcium chloride solid and calcium chloride solution shall be according to OPSS.MUNI 2501. Calcium-magnesium chloride blend shall not be used on Regional projects.

### **506.05.03 Magnesium Chloride Solid and Magnesium Chloride Solution** is deleted in its entirety and replaced by the following:

Magnesium chloride solid and magnesium chloride solution shall be according to OPSS.MUNI 2503. Magnesium chloride solution may be substituted for magnesium chloride solid.

# EXECUTION

## OPSS.MUNI 506 is amended as follows:

### **506.07.01 General** The third sentence ofis deleted and replaced by the following:

Approved dust suppressants other than water, calcium chloride solid and calcium chloride solution blend shall be applied according to the manufacturer’s guidelines and application rates.

### **506.07.01 General** is further amendedby the addition of the following:

#### *Imminent Precipitation* Do not apply products if precipitation is occurring or forecast to occur before the product sets or cures.

#### *Proximity to Water* Ensure that dust suppressants do not enter and contaminate waterbodies, including surface and groundwater. Do not allow the product to leave the roadway.

#### *Sensitive Environments* Application rates near sensitive environments (e.g. *marshes) must* be closely monitored. *[Consultant to discuss with the Region a suitable dust suppressant for dust control in environmentally sensitive areas]*

#### *Flooding* Do not apply products to areas of roads that are subject to flooding.

### **506.09 Measurement and Payment** is deleted and replaced by the following:

All costs associated with the work of this Section shall be included in the Lump Sum price(s) for Item No(s). [ ] in the Bid Form.

### **506.10 Basis of Payment** isamendedby the addition of the following:

No extra compensation will be paid for any sweeping, cleaning, or the application of calcium chloride or water ordered and applied on Saturdays, Sundays or holidays.

**END OF SECTION**