	City of Wetaskiwin Policy:	WINTER STREET MAINTENANCE
Policy # 3201	Approved: December 12, 2011 Res. No: 444/11	Revised: February 9, 2015 Res. No: 47/15

Policy Statement

To set the winter snow and ice control standards in order to provide a safe and reliable transportation network throughout the City while protecting the environment and providing excellent customer service.

Definitions

Bare Pavement – Under normal conditions bare pavement should be no more than 2 cm of snow cover on a roadway surface and clear of loose snow.

Drifting – Windblown snow on roadways that collects in a manner that inhibits the free movement of vehicles

Ice Control – All de-icing agents that promote the melting of snow or ice from a roadway or the abrasive materials deposited onto the roadway to promote traction.

Snow Plowing – Pushing accumulated snow from a roadways surface, either to the side or the centre of the roadway, in order to maintain no less than one vehicle lane in each direction.

Snow Removal – The process of removing snow from a roadway for transportation to snow storage sites.

Windrow – The plowing of snow into a long continuous pile for storage or to facilitate removal.

Standards

Service Levels

1. Snow plowing and removal shall follow the list of priorities and triggers as outlined in Table A (Snow Plowing) and Table B (Snow Removal).
2. Targets will provide the time estimates in which the snow maintenance services will be provided, subject to the limitations identified in this policy.



3. Ice control will be provided during snow, frost, freezing rain or other events that require traction control as identified by Public Works staff, Protective Services, or by upon response to issues identified by members of the public. Initial ice control operations will typically follow the priorities set out in Table A and Table B with specific application for hazardous locations.

Table A: Snow Plowing

Priority	Location	Trigger	Target
Priority One	Snow plowing as per Snow Plow Map Location A	5 cm snow accumulation	Plow within 24 hours
Priority Two	Snow Plowing as Per Snow Plowing map Location B	5cm snow accumulation	Plow within 72 hours
Priority Three	Snow Plowing as per Snow Plowing Map Location C	20 cm snow accumulation	Plow within 168 Hours

Table B: Snow Removal

Priority	Location	Trigger	Target
Priority One	Snow removal as per Snow Removal Map Area One	5 cm snow accumulation	Windrow within 48 hours
Priority Two	Snow removal as per Snow Removal Map Area Two	5cm snow accumulation	Windrow within 72 hours
Priority Three	Snow removal as per Snow Removal Map Area Three	10 cm snow accumulation	Windrow within 96 hours
Priority Four	Residential Maintenance	Upon direction of Administration with a minimum of 20 cm of compacted snow	One residential cleaning, curb to curb to bare pavement will be completed per winter season.

Note: A lower priority will typically only commence upon completion of the higher priority. If necessary, resources will be rotated back to higher priority locations before lower priority locations are completed to ensure roadways remain clear.

Alleyways within the City will be maintained to ensure municipal services can be provided at the discretion of Administration.



Certain equipment is used specifically on lower priority roadways. If resources allow, those priorities may begin early to maximize equipment efficiency.

Limitations:

1. Service levels may be impacted by the following:
 - a. Available resources
 - b. Council approved budget
 - c. Equipment failures
 - d. Weather conditions
 - e. Appropriate maintenance scheduling
2. The City will make necessary adjustments to service levels when the noted limitations are encountered.

Winter Maintenance Programs

Snow Removal:

- Snow removal will be done from curb to curb to achieve bare pavement.
- Snow removal may include
 - Windrowing of snow to an appropriate location on the roadway.
 - Removal of windrows will occur once all priorities have been completed other than residential snow removal; except on roadways where windrow removal must occur immediately for safety precautions.

Snow Plowing:

- Snow plowing will be conducted to remove accumulated snow from the roadway in order to allow for safe traffic passage.
- If plowing is required because of drifting only the specific area or lane impacted by the drifting will be plowed.

Ice Control:

- Ice control will occur at the same time as snow removal and snow plowing whenever necessary.
- Where road conditions present a significant hazard multiple applications of ice control may be applied as identified by Public Works staff, Protective Services, or by calls from the public.

Ice Control Management Plan:

- All codes of Practice established by the Transportation Association of Canada will be followed in the ice control process.

Sidewalk and Trail Maintenance:

- All City sidewalks will be cleared within forty-eight (48) hours whenever possible.
- The clearing of City trails will begin once all City sidewalks are cleared.
- Snow will not typically be hauled away from trail and sidewalk clearing.

Residential Maintenance:

- A complete residential snow removal will normally be completed once per winter and will only begin when all other road priorities completed and are in safe condition.
- Residential road clearing will be completed from curb to curb and to bare pavement.
- All snow will be hauled away from the roadway.
- A minimum of 20 cm of snow must accrue before residential snow removal will begin.

Parking Lot Snow Removal:

- City owned parking lots will be cleared with the snow stockpiled in the parking lot where appropriate.
- When appropriate the snow will be removed and taken to an approved snow storage facility.

Snow Storage Sites

- Snow removed from City roadways will be transported and stored at approved snow storage locations.

Airport Snow Removal

- Snow removal at the airport will be completed as per the requirements of the Airport Winter Maintenance Procedures.

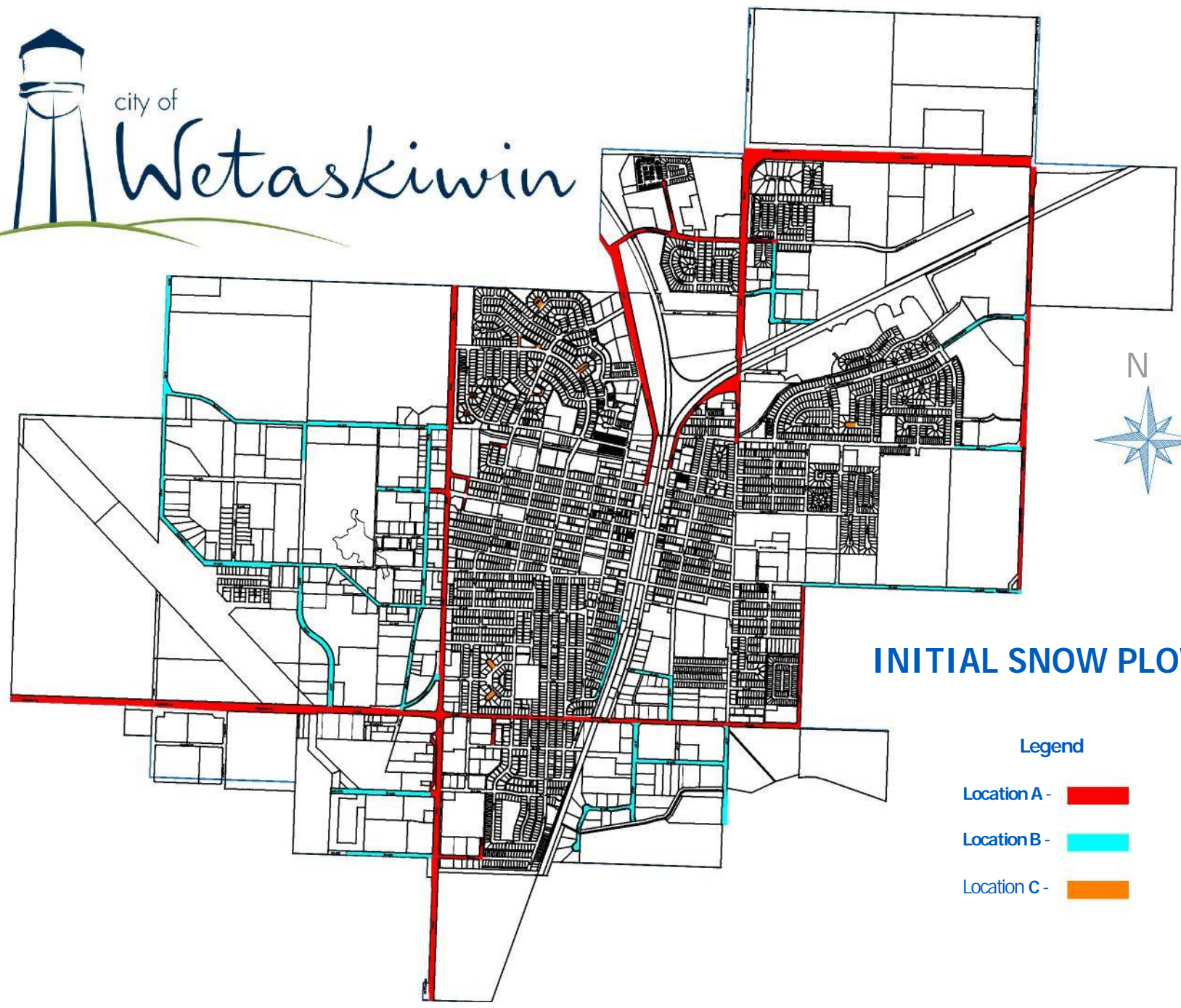


- Airport specific snow maintenance equipment and staff will ensure that airport maintenance is a high priority.
- If all snow maintenance is complete at the airport the equipment and staff may then be utilized for other maintenance throughout the City. If conditions at the airport change due to further, accumulation of snow, drifting or any other reason while the equipment and staff are working elsewhere in the City the equipment and staff will return to the airport to continue maintenance.
- If circumstances warrant other City staff and equipment may be used for airport snow maintenance.

Severe Snowfall Event:




In the event of a severe snowfall that presents an imminent and severe threat to transportation in the City a severe snowfall response may be initiated by the City Manager. A severe snowfall response will restore immediate mobility to the City, not to address roadway capacity. This severe snowfall response may include:

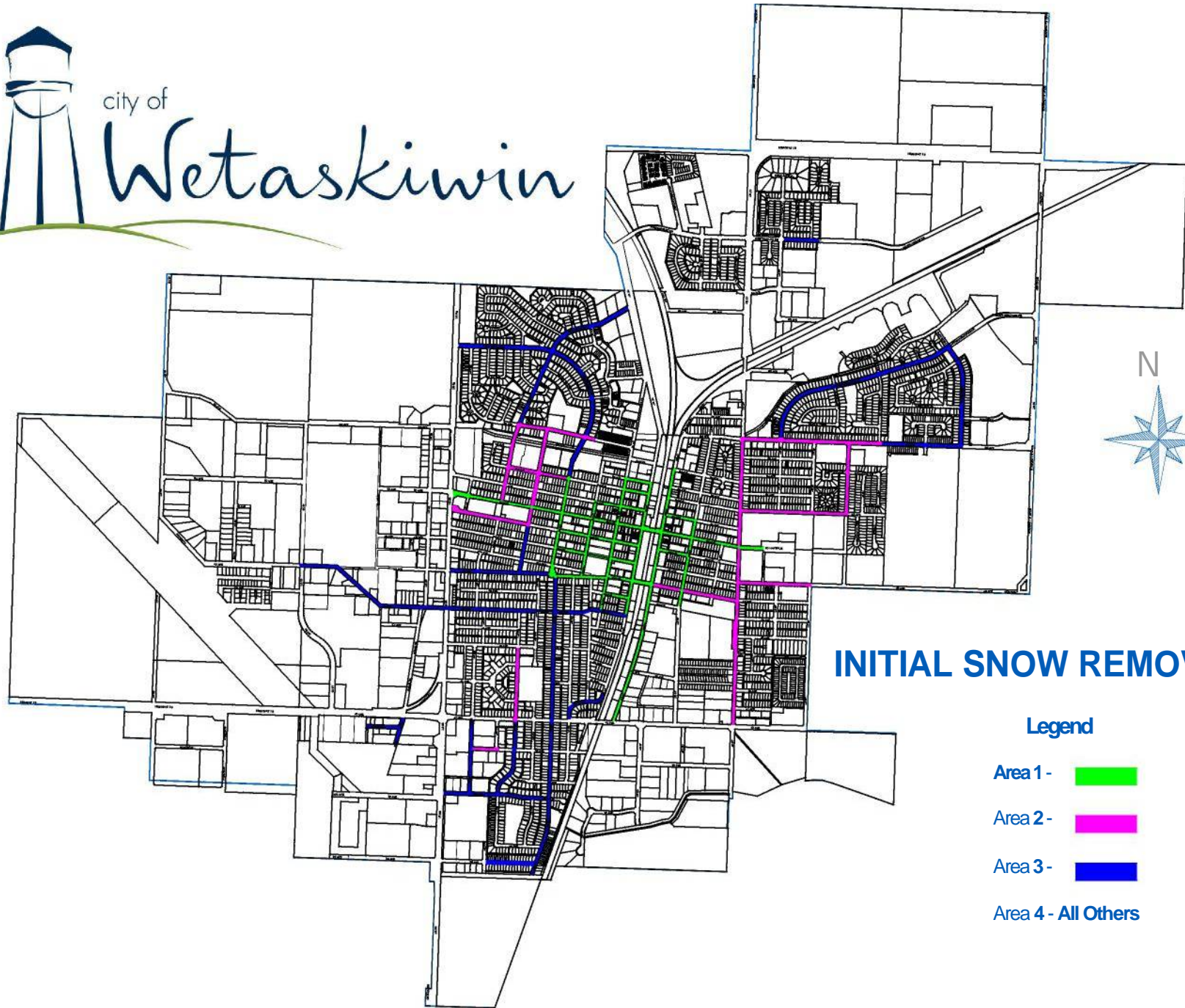
- Deployment of all available resources to ensure mobility of the roadway network.
- Declaration of a parking ban on all roads.



INITIAL SNOW PLOW

Legend

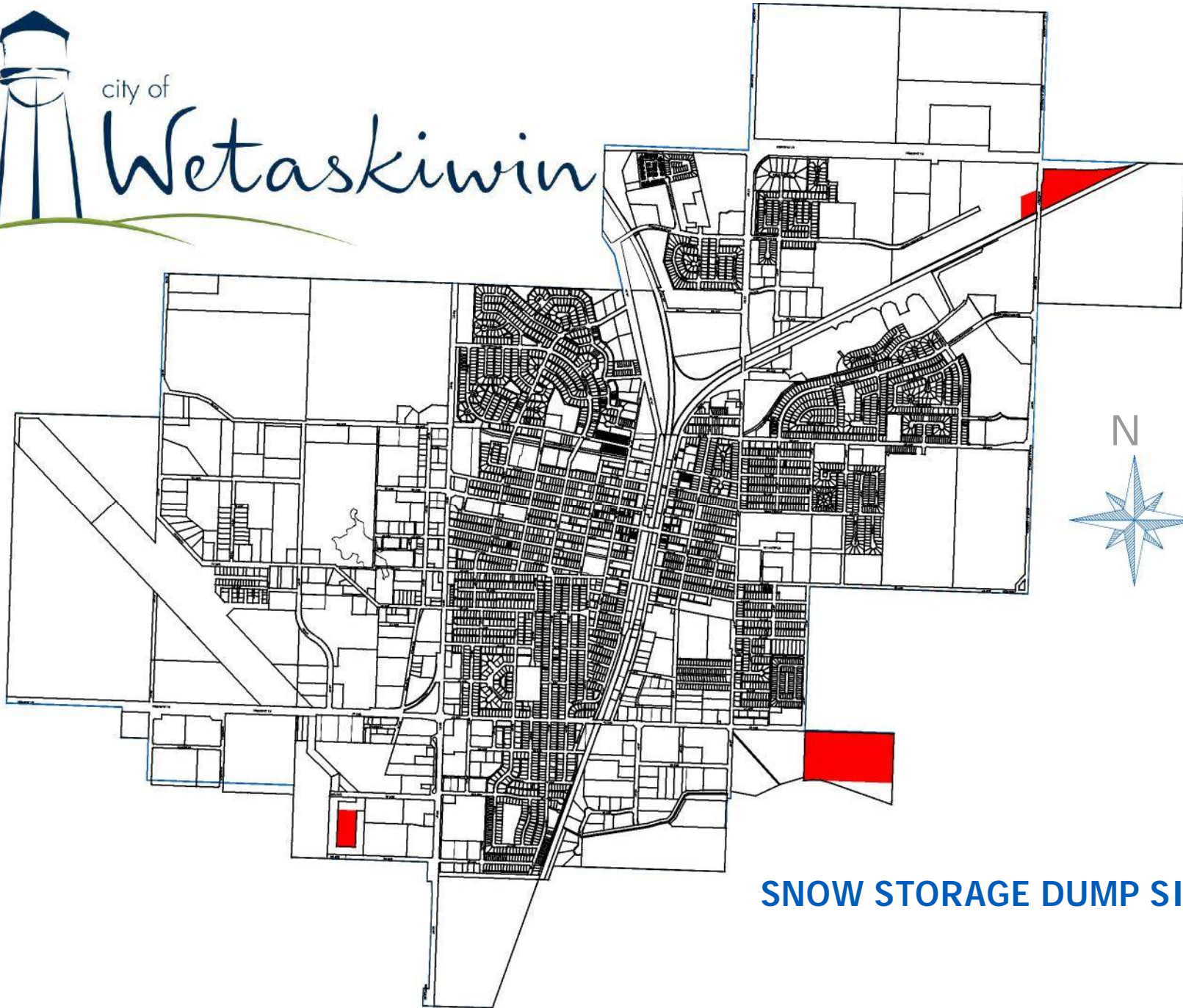
- Location A - 
- Location B - 
- Location C - 



INITIAL SNOW REMOVAL

Legend

- Area 1 - 
- Area 2 - 
- Area 3 - 
- Area 4 - All Others



SNOW STORAGE DUMP SITES