Snow removal approach

Spreading of de-icing products

- A new approach to the use of de-icing products has been implemented for the 2019/2020 season. Three types of spreading quality according to a specific zone and associated risks

- The objective is to focus our efforts and resources on critical areas of operations while maintaining a high standard of security

- Quality 1
- Quality 2
- Quality 3

Quality of surface treatments – detailed sectors

Quality 1

- Use of de-icing products to maintain the surface at a maximum of 10% ice (ice patch)
- During precipitations, tolerance threshold is 25%

Quality 2

- Use of de-icing products to maintain the surface at a maximum of 25% ice (ice patch)
- During precipitations, the tolerance threshold is 50%
- Mechanical work for de-icing

Quality 3

- Tolerance between 50 and 100% ice
- Mechanical work only
- No use of de-icing products
- Use of stone only

Spreading plan– runways, taxiways & perimeter roads

Quality 1

Quality 2

Quality 3

Spreading plan – apron and remote parking
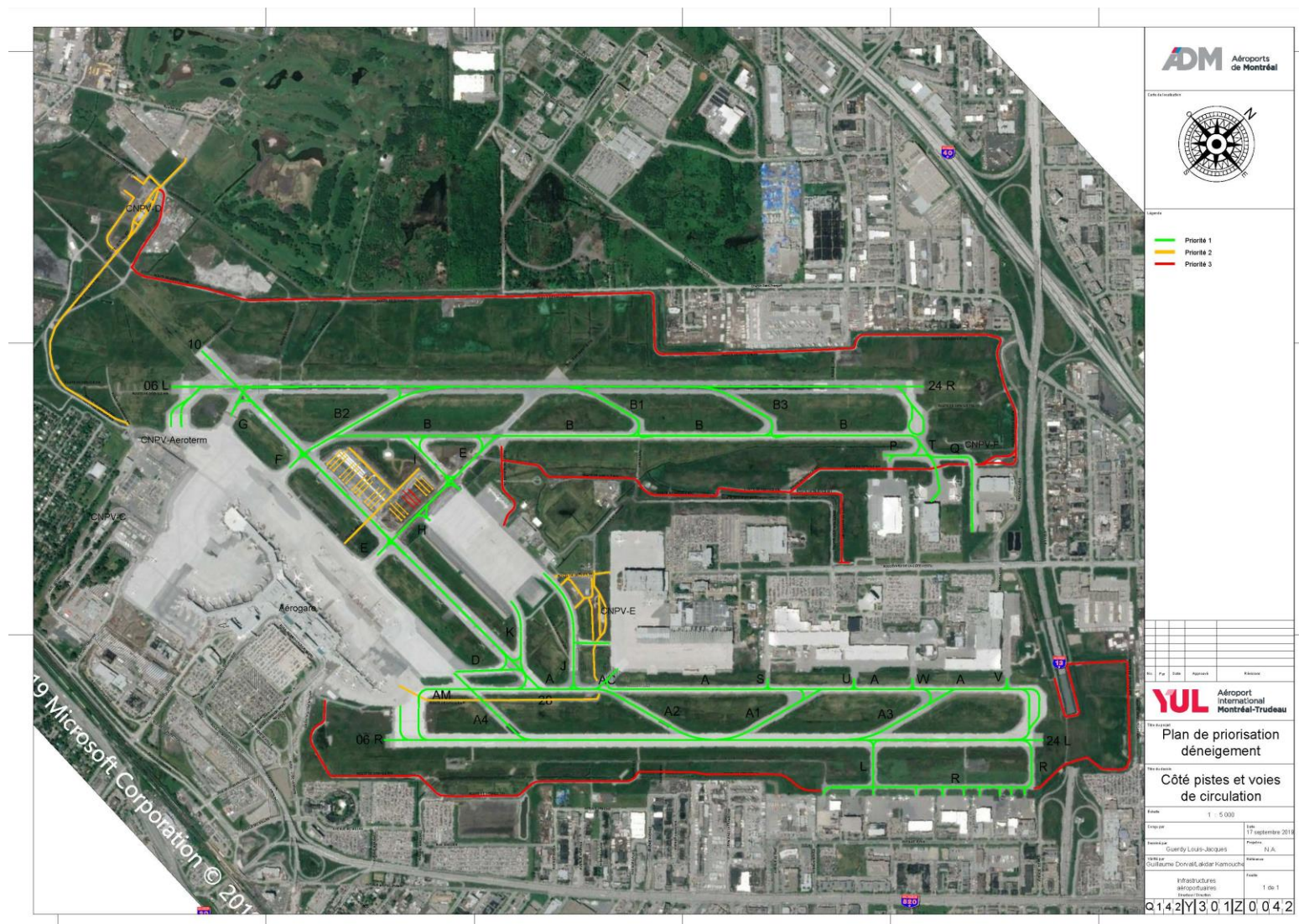
Quality 1
Quality 2
Quality 3

Risks identified by sector according to the quality level

Quality 1: Runways and taxiways

- No identified risk, status quo ☑

Quality 2: Certain areas of the apron & remote parking

- Presence of ice (ice patch) at most 25%
- Aircraft approach more difficult for handlers if they do not respect the guide lines ☑

Quality 3: Perimeter paths and clusters

- 50 to 100% covered in ice
- Possibility of increased numbers of service calls or towing
- Possibility of equipment failure
- FOD ice delamination

Mitigation measures:

- Raise awareness and train our operators – respect for speed, adapting their driving, etc.

- Educate partners – respect for speed, signage and marking lines. Adapting their driving according to the condition of the surface

Online priority management

- Partners snow removal requests sent to our Snowdesk

- Prioritization of the requests by the SGAT based on ETA or EDT

- Requests forwarded on the tablet to the person in charge of snow removal on the apron

- Execution of request

- Closing of request in the system

Benefits

- Effective communication between the SGAT and the person in charge of snow removal

- Less risk of forgetting

- Traceability of requests

- KPI to measure efficiency (response time)

Apron management

- Guide line sweeping
- Continuous sweeping of lines for pilots

Thank you

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