

CITY OF BLOOMINGTON

Ice Rink Maintenance Roundtable

March 9, 2016

University of Northwestern
MPSTMA Spring Workshop

1. Number of rinks
30 Rinks at 14 sites including 2 dedicated broomball rinks at one site.
2. Types/sizes (paved, asphalt, ag lime, grass, temporary, other)
8 aglime, 4 paved asphalt, 17 grass. 4 temporary rinks erected each year
Hockey rinks are 200 'x 85' or 165'x 65', general skating areas vary by location.
3. Number of personnel to maintain
8 personnel on a daily basis (4 sweeper tractors, 2 blowers, 2 tank trucks).
4. Start/end date (typically)
We strive to have skate able ice by Winter break and go until at least President's Day.
5. Flooding type (hose, tanker, other)
We begin hose flooding where possible and also use a tank truck. A tank truck is used for daily Maintenance.
6. Ice maintenance equipment (pictures/ video if possible)
Pictures and Video will be attached to this message.
7. Time to complete process (daily maintenance practices)
Approximately 4 hours each day.
8. Split shift / OT
We offer overtime to come back in and flood in the evenings with the tank truck or have staff come in early to hose flood.
9. Pre-season preparations
Spray vegetation growth in rinks periodically to keep it under control, inspect and repair boards, netting and goals, paint existing rink boards, grade temporary rink areas, erect temporary rinks. Install netting, clean warming house buildings, place trash and recycle receptacles, roll out rubber matting, haul goals to locations. Paint broomball rinks after build up.
10. Lining / painting
The red and blue lines on the boards are painted each year. The broomball rinks are lined.

11. Warming house hours

Varies for each site; larger sites are staffed M-F 4-9, Sat. Noon-9, Sunday 1-9 & school release days

12. Special equipment

Sweeper Tractors, Blower Tractors, Ice Shavers

13. Snow event cleanup

Park Maintenance crews remove snow after their plow routes are complete. Loaders remove snow on the general areas, large blowers remove the snow in the hockey rinks and then the rinks are swept and the rest of the snow removed with the daily maintenance blowers. The rinks are then flooded if time allows.

14. Edging

Edging is done by hand with scrapers made from used Zamboni blade sections.

15. Zamboni

We currently do not operate a Zamboni outdoors.

16. Goals

Goals are hand made with 2" pipe and chain link fence.

17. Gate boards / board holders

Gate boards are placed at select sites with hanger brackets attached to the outside of the rink near the entrance.

18. What determines your start of flooding (temp, frost, other)

We like to have at least 3" of frost in the ground before we start flooding. We do, however pack snow on the rinks if available to help with buildup. We avoid flooding when the temperatures are predicted to be in the high twenties or above thirty degrees.

19. Rink off season use

Our broomball rinks are used as an off leash dog area in the summer. Double gates made of chain link are installed. Other rinks are used by Park and Rec for their summer programs. Paved rinks are used for roller hockey.

20. Additional information

Each year, one permanent rink is rebuilt.