

# Beaver Hills & Rivers Edge Vehicle Rally March 9, 2019

Thank you for your interest in the 2019 Beaver Hills / Rivers Edge Vehicle rally.

Location: Agora Hall at Strathcona County Community Centre (401 Festival Ln, Sherwood Park)

## Schedule of Events

- 8:50am – Registration tables open
- 9:50am – Registration closes
- 10:00am – Morning races begin
- 11:30am – Beaver vote on Beaver's Choice
- 11:30am – Pre-ordered lunches are distributed
- 12:30pm – Voting for Cub's Choice and Scout's Choice
- 12:45pm – Presentation of Beaver's Choice Trophies
- 1:00pm – Beaver craft starts
- 1:00pm – Afternoon races (Cubs and Scouts only) begin
- 1:30pm – Beaver craft finishes (Beavers are allowed to leave at this time)
- ~2:30pm – Ceremony for trophies

### EARLY BIRD SPECIAL

\$10 per youth before Feb 15, 2019

\$20 per youth after Feb 15

1. Please ensure that each Vehicle has the following information written on the bottom:  
a) Youth Name b) Group Number c) Year
2. Please use a separate form to submit each section within the same group.
3. Registration is not complete until payment is received in full – allow time for mailing of cheques.
4. Each youth registration includes Lunch (Hamburger, bag of chips and bottled water).
5. Please order additional meals for Leaders AND Parents at the bottom of the form.
6. Leaders must ensure that each youth gets a copy of the rally rules (last two pages of this document).
7. Once registration is complete, you will receive an email to confirm spelling of names and lunch order quantities – it is your responsibility to review this summary and notify immediately of any corrections required.
8. No food or beverage will be allowed along tracks. See the schedule of events for lunch timing.
9. The space along tracks are for the youth and leaders running the races – all other leaders or parents have to be out of this area.
10. All Groups are required to fill out and submit all necessary Scouts Canada Forms, this includes having all parents that are attending the event complete the Code of Conduct form ahead of time.

### Registration Procedure

1. Each Youth will hand a completed tracker form and their vehicle to the registration table
2. Vehicle will be weighed
3. Vehicle will be sized
4. Youth will verify their name and be assigned a track number – vehicle is then taken away to the track holding area
5. At this point, youth, leaders and parents are no longer allowed to adjust or modify the vehicle.

### Pit Stop

If time permits: any vehicle that is rejected at the registration table for being overweight or oversized, can visit the PIT area, where there will be assistance available for removing weight and reducing dimensions. The youth and vehicle must then return to the back of the registration line

The Pit Stop is NOT for:

- Addition of weight



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## Additional Youth wishing to Race

Contact Leader:

Group:

	First Name	Last Name	Section Beavers/Cubs/Scouts	Myscout #
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				

## Leader (Volunteer) for running the races

	First Name	Last Name	E-mail	Myscout #
5				
6				
7				
8				
9				
10				
11				
12				
13				

## Lunch at vehicle rally March 9, 2019

Please complete one form per section

Group: \_\_\_\_\_

Section: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

**Meals to be picked up by group's section.**

**These will be ready for pick-up starting at 11:30 based on registration received date.**

\_\_\_\_\_ number of Meals\* (each meal includes a hamburger, a bag of chips, and bottled water)

\* Please indicate the total number of meals for your entire section. Add up the number of youth plus the number of extra meals your section is paying for (don't forget to buy meals for leaders and parents – meals for parents and leaders are not included in the youth registration fees).

# 2019 Official Rally Regulations

1. **VEHICLES** – Must be new this year, last year’s model is not permitted to race in this year's meets. The vehicle must have been made during this Scouting Year.
2. **RACING** – youth must wear a nationally approved uniform for the entire race day  
     All Beaver Buggies must be raced by a Beaver  
     All Kub Kars must be raced by a Cub  
     All Semi Trucks must be raced by a Scout
3. **WHEELS AND AXLES** – You must use the wheels and axles (nails) provided in the kit. Unofficial wheels and axles will disqualify a vehicle from racing. Washers and bushings are prohibited. Vehicles shall not ride on any type of springs.
4. **CLEARANCE** – There is a guide rail down the centre of each track, not all tracks are the same. Vehicle chassis must have at least 0.95cm (3/8 inch) clearance to the track to avoid dragging on the guide rail (see pictures on next page).
5. **FRONT** – Some tracks have a vertical post (dowel) as a starting mechanism, each vehicle **MUST** be able to be placed on the starting line and held back by the post. (See pictures on next page for minimum size details). A vehicle may need to be raced backwards if it does not align on the start post properly. The front of the vehicle must have a flat and centered horizontal surface, no less than 2.5cm (1 inch) in length.
6. **DIMENSIONS:**

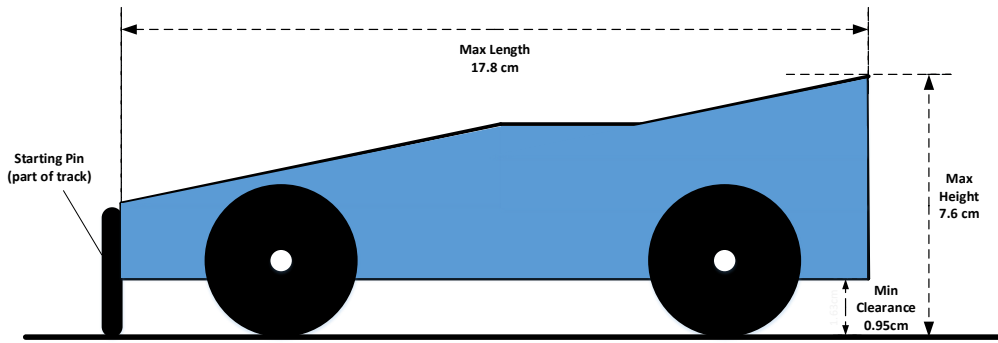
	Beaver Buggy	Kub Kar	Semi Truck
Width (max)	7 cm	7 cm	8.5 cm
Length (min)	10 cm	10 cm	36 cm
Length (max)	17.8 cm	17.8 cm	44.5 cm
Height (max)	7.6 cm	7.6 cm	11.5 cm
Weight (max)	142.00 g	142.00 g	907.00 g

Vehicles will be checked with a **sizing box** and **scale** on race day. Vehicles will not be allowed to race if they do not meet the conditions above. In the event of a discrepancy in weight or size between the equipment on the registration table and other equipment (perhaps a scale you have at home or at work) the race table equipment measurements will be used.

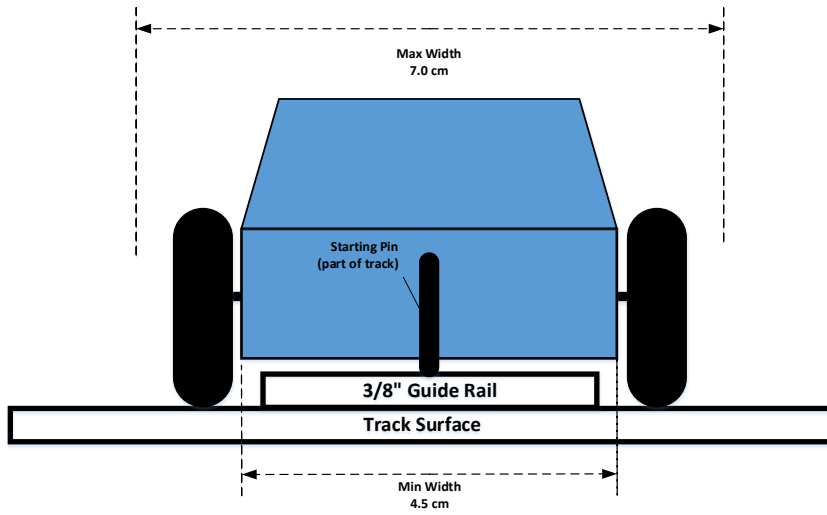
7. **DETAILS** - Details such as antennas, smoke stacks, feathers, detachable parts, and any other detail are permissible and encouraged. However, these additional details must not cause any vehicle to exceed the maximum weight or dimensions listed above.
8. **ATTACHMENTS** – All vehicles must be freewheeling with no starting device.
9. **CONSTRUCTION** – Any type of wood construction is permissible. The wood block supplied with the kit need not be used, but all vehicles must be built from wood.
10. **INSPECTION** – Each vehicle must pass inspection at the official registration table(s) before it may compete. Any inspector has the right to disqualify those vehicles which do not meet these specifications. **Vehicles cannot be modified or lubricated after registration is complete (this also applies during the lunch break).**
11. **LUBRICATION** – **No oil or wet lubricants are permitted.** Only dry type lubrication (such as graphite) is permissible. Lubrication shall not soil the track or interfere with subsequent races on that track. Lubrication is not permitted after registration.
12. **ABSENTEE** – On the day of the race, a youth may designate a substitute racer (another youth in approved uniform) if the owner is not able to attend the full event, however, each youth can only race one vehicle on race day.

It is recommended that each Vehicle have the following information written on the bottom:  
 Youth Name, Group Number and Year

### SIDE VIEW



### FRONT VIEW



### TOP VIEW

