

Mountain Air Bike Skills Course Redevelopment

SURVEY 2 ENGAGEMENT SUMMARY

May 29, 2023



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LANDSCAPE ARCHITECTURE | CIVIL ENGINEERING | URBAN FORESTRY

Prepared for:



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WHAT WE HEARD

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Introduction

The City of Burnaby engaged residents about what they think of the proposed design for Mountain Air Bike Skills Course Redevelopment between January 9 to January 23, 2023. An online survey was conducted to gather feedback from the mountain biking community and other members of the community to learn their thoughts on the detailed design, new features and layout and how current and new users envision using the course. A total of 622 people completed the survey.

We asked respondents five areas of interest to gauge their level of satisfaction and seek additional input:

- flow trails
- jump lines
- pump track
- BMX
- enhanced plaza space

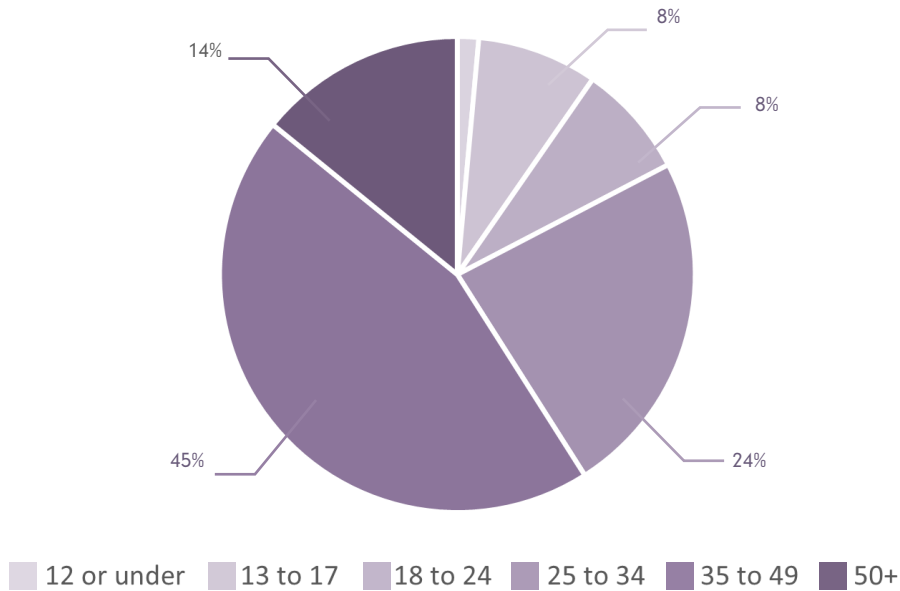
The survey was promoted through various methods, including through the City website, social media, the local newspaper, email correspondence, posters and eNewsletter. Through the survey, the project team was able to gather valuable insights and suggestions from the community. The responses provided a deeper understanding of the community's needs and preferences, which will be taken into consideration during the design process.



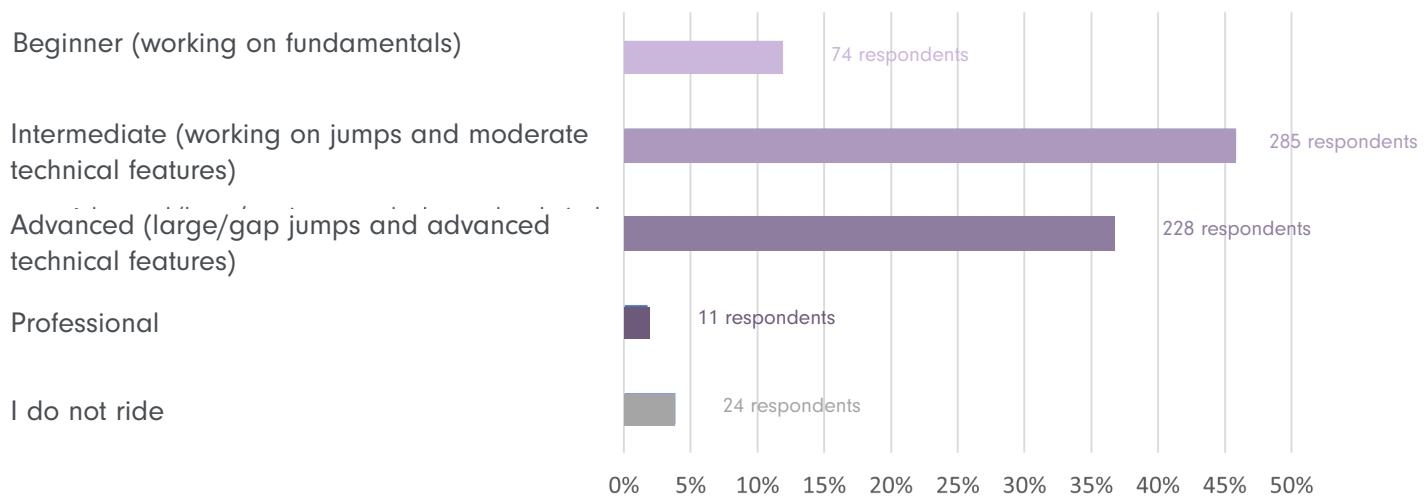
WHO WE HEARD FROM

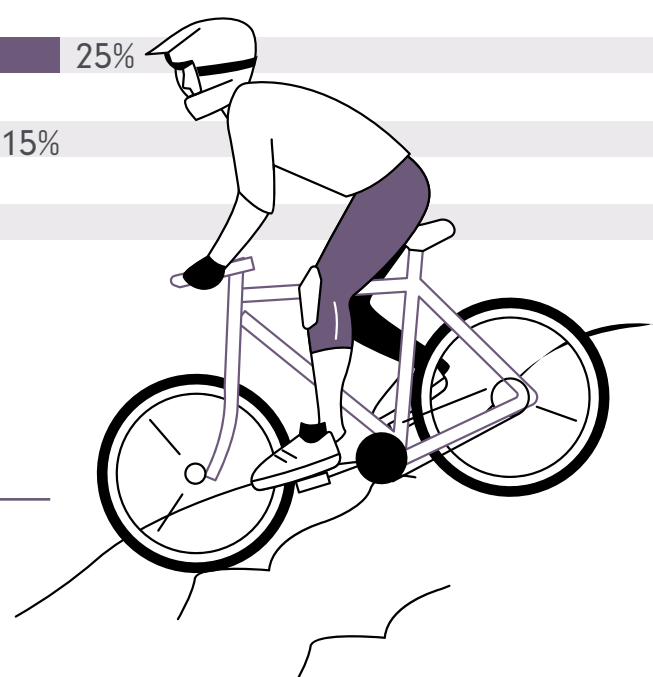
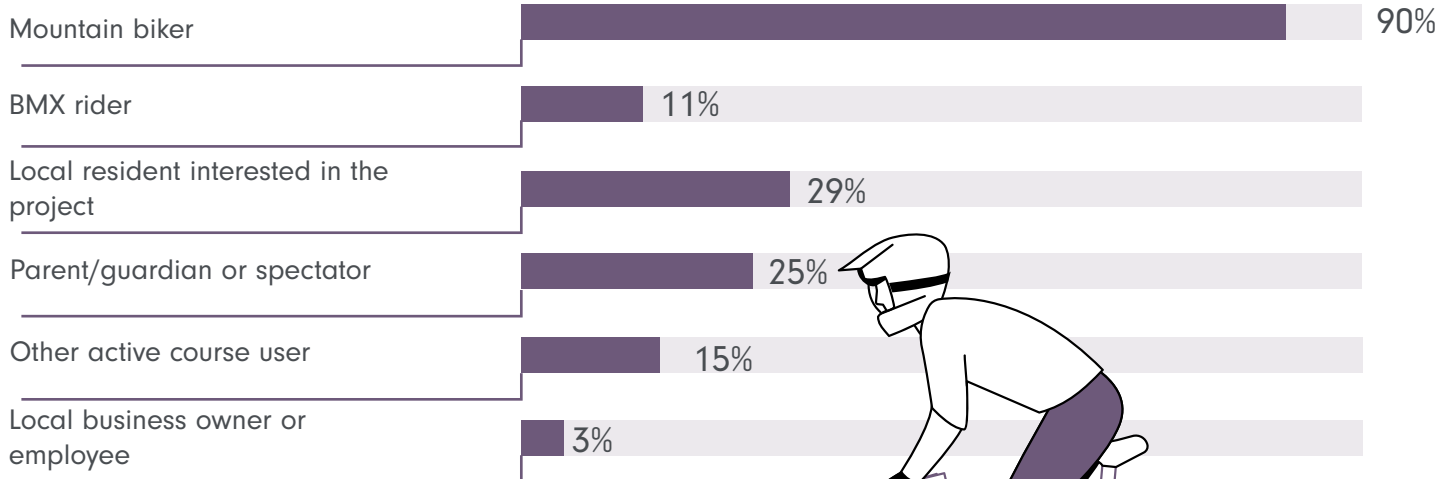
Demographics

How old are you?



What is your bike experience level?





Key takeaways

The demographics showed no significant changes compared to the first round of engagement. However, there was a slight decrease in BMX users and mountain bikers, while all other categories saw an increase. The biggest increase was seen in local residents who showed interest in the project.

The rest of the demographics were in line with the biking community’s usual trends, with most survey respondents falling between the age range of 35-49, followed by 25-35. The majority of respondents had an intermediate level of biking experience, although there were still a fair number of advanced riders. Additionally, it’s worth noting that 80% of survey participants reported not having completed the initial online survey in August 2022.

WHAT WE HEARD

1 / Flow Trail



Please rate your satisfaction with the proposed flow trail section of the course.



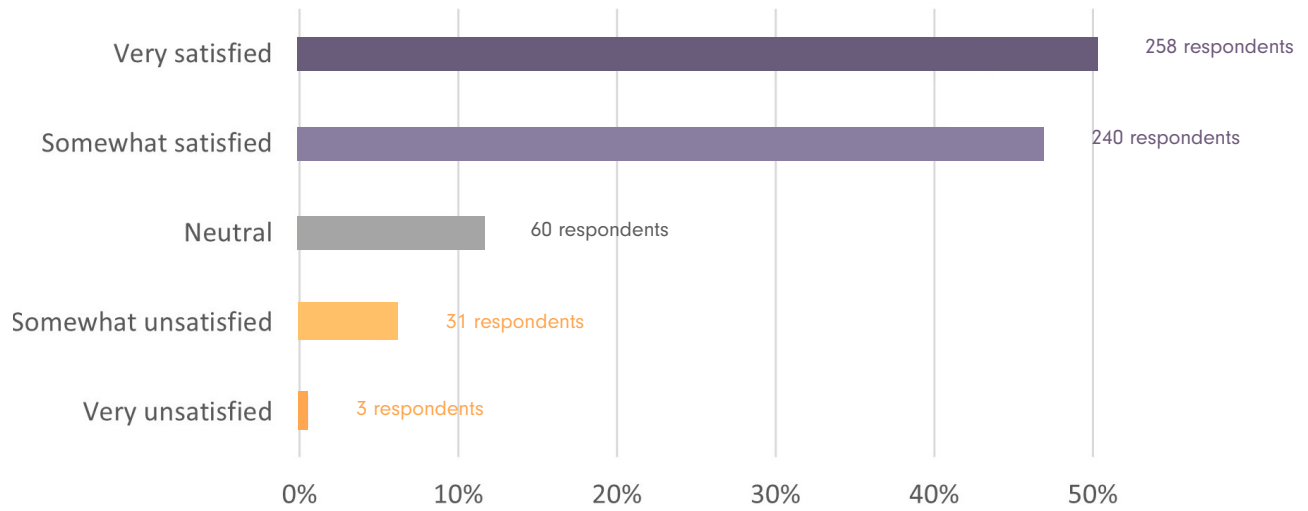
OVERVIEW



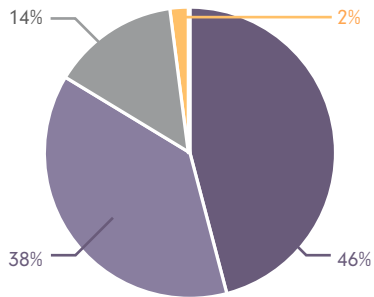
Key takeaways

- In general, the design of the flow trails was well-received by the participants of the survey. Nearly 500 respondents (84%) expressed either somewhat or very high levels of satisfaction.
- In the qualitative section of the survey (detailed on pages 8-9), respondents expressed three main requests: building the flow trails with dirt, adding tabletops to provide an easier alternative for beginners, and creating more areas specifically designed for beginners.
- A recurring topic was the request for additional details regarding the materials used in the proposed design.
- Out of all the sections, this particular section received the lowest number of neutral responses with only 60 respondents (10%) selecting it.

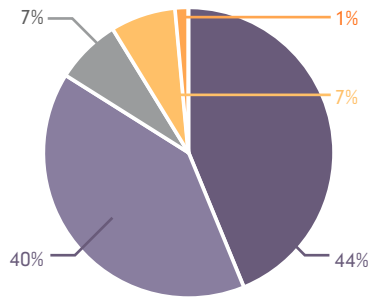
Please rate your satisfaction with the proposed flow trail section of the course (592 respondents)



Age 13-24



Age 24-35



Age 35+



Very satisfied
 Somewhat satisfied
 Neutral
 Somewhat unsatisfied
 Very unsatisfied

- The flow trail's design was widely appreciated by younger age group (age 13-24) respondents, with none expressing extreme dissatisfaction and only 2% indicating slight dissatisfaction.
- Though the age group of 24 and up was generally satisfied with the flow trail design, they had a significantly higher level of slight dissatisfaction and notable dissatisfaction (although still minimal) compared to the younger survey respondents.

WHAT WE HEARD

Flow Trail Section Qualitative Survey Results

Please provide any additional comments you have about the flow trail section:

1/ Dirt construction

17 respondents mentioned that they would prefer the jumps and other features of the course to be constructed out of dirt. Many respondents were unsure what the material would be based on the information provided.

2/ Tabletops

15 respondents mentioned that they would like the jumps to be tabletops instead of gaps as this would allow beginner and intermediate riders to attempt bigger jumps.

3/ Area for beginners

12 respondents wanted a more beginner-focused area for flow. Typical quote: "Need more beginner or modified features that allow beginner and intermediate riders to choose a path corresponding to skill along the same feature."

“It is hard to tell from the renders what the surfacing types are. I hope the surfacing of flow trails sections mimic the natural riding terrain of surrounding areas. Asphalt would not make we want to ride this area.”

Survey respondent

“The renderings are showing gap jumps. I think of the skills park as being first and foremost a safe place to learn new skills, and I would hope that all of the jumps from green to black would be tabletops.”

Survey respondent



4. Technical

9 mentions

Many respondents expressed their concern about losing existing technical features currently on course. Respondents expressed keeping existing features or having them replaced.



5. Bigger jumps

8 mentions

Many respondents mentioned that they would like to see bigger jumps. However, many respondents also wrote that with bigger jumps, they would like to see ride-around options or tabletops.



6. Larger area

4 mentions

Several respondents asked for a larger part of the course to be dedicated to flow trails.



7. More drops

4 mentions

Many respondents expressed their concern about losing existing rock drops, and would also like to see progressive drops added to the design.



8. Long jumps

3 mentions

Typical quote from survey respondent: "The flow trail should have longer and lower jumps in comparison to the BMX track."



9. Speed

2 mentions

A couple respondents mentioned that they would like to ensure the areas being designed will allow for enough speed to be built up.



10. Variety

2 mentions

Typical quote from survey respondent: "A good mix of features would be helpful, including drops, jumps (table tops and doubles) with low consequence landings."



11. Berm size

2 mentions

Typical quote from survey respondent: "Good flow trails revolve around the berms, no berms no flow. 2 turns on the green section isn't very much especially for beginners who are trying to learn to ride flow."



12. Teeter totter

2 mentions

A couple respondents expressed their concern about losing the existing teeter totter feature and would like to see it replaced or kept.

WHAT WE HEARD

2/ Jump Lines



Please rate your satisfaction with the proposed jump line section of the course.



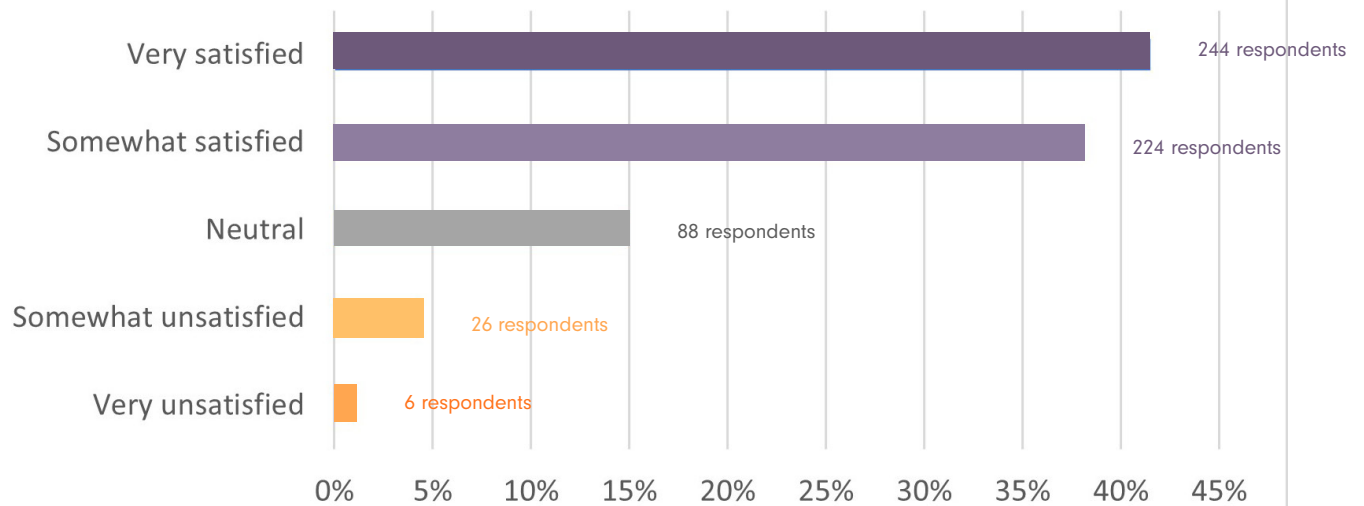
OVERVIEW



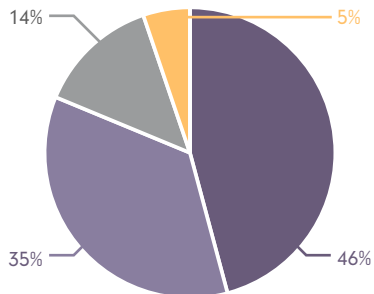
Key takeaways

- The survey respondents generally expressed satisfaction with the design of the jump lines. Over 450 respondents (80%) expressed either somewhat or very high levels of satisfaction.
- According to the qualitative feedback (detailed on in pages 12-13), the three primary requests were to construct jumps out of dirt, increase the jump sizes, and provide more progressive features that riders can gradually work up to.
- A few other items were mentioned, albeit in much smaller numbers compared to the top three requests. These included requests for more drops, additional space, the inclusion of a mulch jump, and the addition of tabletops.

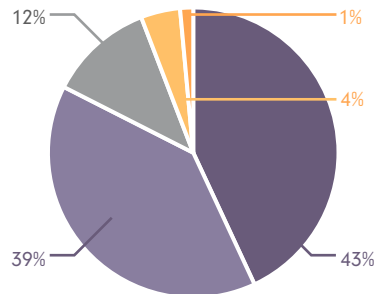
Please rate your satisfaction with the proposed jump line section of the course (588 respondents)



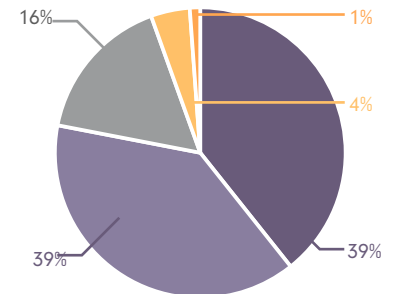
Age 13-24



Age 24-35



Age 35+



Very satisfied
 Somewhat satisfied
 Neutral
 Somewhat unsatisfied
 Very unsatisfied

- Just as other sections of the survey, none of the respondents in the younger age group (ages 13-24) expressed dissatisfaction with the design of the jump lines. Instead, the majority of this age group (46%) reported being "very satisfied" with the design.

- While the older age group of 24+ generally expressed satisfaction with the design of the jump lines, their level of slight dissatisfaction and notable dissatisfaction (although still minimal) was significantly higher compared to the younger survey respondents.

WHAT WE HEARD

Jump Lines Section Qualitative Survey Results

Please provide any additional comments you have about the jump lines section:

1/ Dirt construction

25 respondents mentioned that they would prefer the jumps and other features of the course to be constructed out of dirt. Many respondents were unsure what the material would be based on the information provided.

”
I wish it were dirt but I understand that would be higher maintenance.
“
Survey respondent

2/ Bigger jumps

15 respondents asked for bigger jumps than the ones shown in the renders. However, many respondents also wrote that with bigger jumps, they would like to see ride-around options or tabletops.

”
There needs to be more progressive features or alternative lines ('B' lines) so kids and beginners can work their way up to the the bigger features.
“
Survey respondent

3/ Progressive

14 respondents would like progressive features that riders can work up to.



4. More drops

13 mentions

Many respondents asked for drops to be included at a series of different heights/progressions. Respondents also asked to keep the existing rock drops.



5. Too small

10 mentions

Typical quote from survey respondent: "It looks a bit small/congested, especially with the beginner and intermediate lines mostly combined."



6. Mulch jump

10 mentions

Typical quote from survey respondent: "I think a mulch jump is a much-needed feature of this park."



7. Tabletops

5 mentions

Several respondents asked for tabletops instead of gaps, as this would allow beginner and intermediate riders to attempt bigger jumps.



8. Speed

5 mentions

Typical quote from survey respondent: "Doesn't look like there's enough space to get enough speed up".



9. More gaps

4 mentions

Typical quote from survey respondent: "It's a bit hard to tell from the concept drawings, but I feel like there could be a longer jump or two (in terms of gap distance) in the advanced line."



10. No wallride

3 mentions

Several respondents expressed concern about a wallride citing that it seems dangerous especially when wet.



11. Signage

2 mentions

A couple respondents wanted to make sure that there will be clear and accessible signage throughout the park.



12. Larger bikes

2 mentions

Typical quote from survey respondent: "Unclear from the generated images, but I hope the jump ramps have a radius suitable for larger bikes with 29" tires."

WHAT WE HEARD

3/ BMX



Please rate your satisfaction with the proposed BMX section of the course.



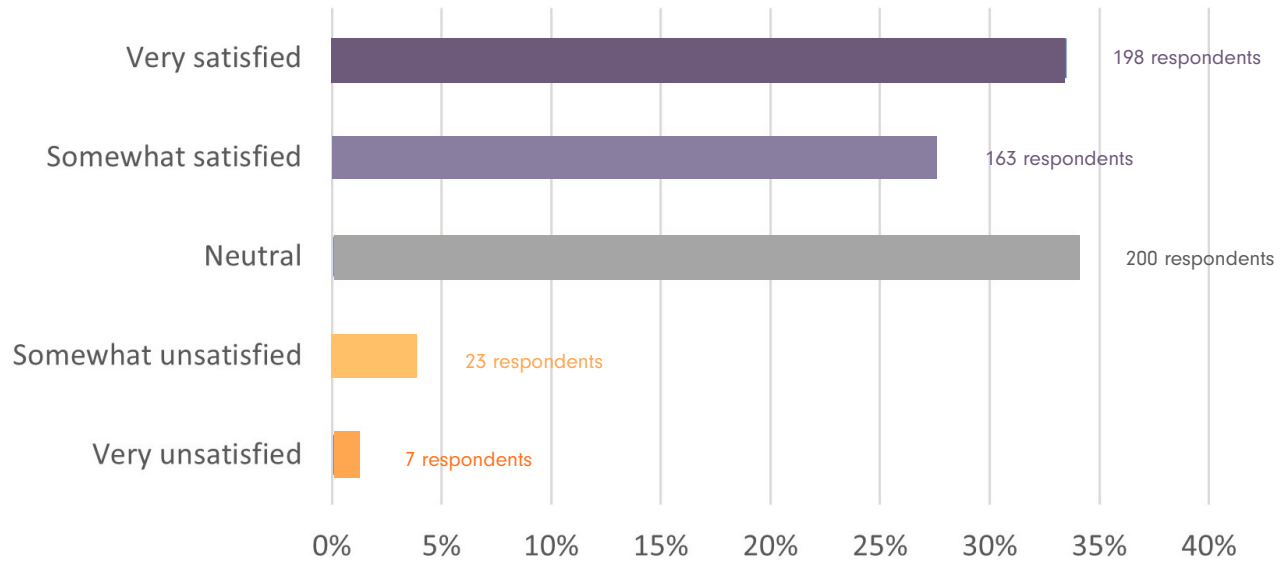
BMX TRAIL



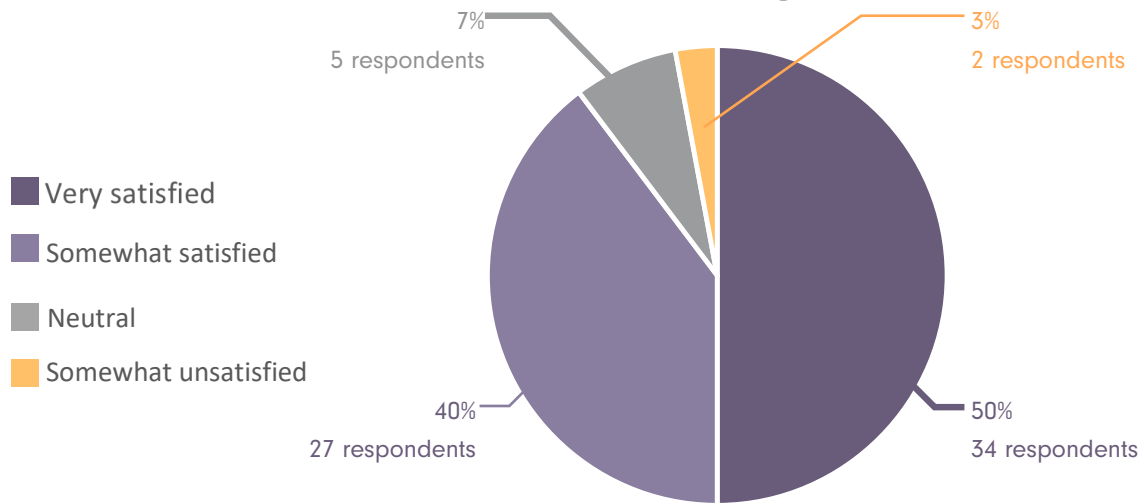
Key takeaways

- Out of all the survey questions, the BMX section received the highest number of neutral responses. Many survey participants indicated that they did not BMX, which led to the high number of neutral responses.
- The survey respondents generally expressed satisfaction with the design of the BMX section. Over 350 individuals (61%) expressed either somewhat or very high levels of satisfaction.
- BMX users did not report any survey responses in the very unsatisfied category.
- As detailed on pages 16-17, the qualitative feedback received highlighted three top requests: to reduce the size of the BMX area, establish a separate space for beginners, and replace open gap jumps with table-tops.
- Other items that were mentioned in fewer quantities than the top three requests include multiple types of bikes, larger jumps, the inclusion of a mulch jump, and hip-style jumps.

Please rate your satisfaction with the proposed BMX section of the course (591 respondents)



BMX Users rating BMX Features Percentage



Based on 68 BMX respondents

WHAT WE HEARD

BMX Section Qualitative Survey Results

Please provide any additional comments you have about the BMX section.

1/ Too large

12 respondents mentioned that the proposed BMX area is taking up too much space overall.

2/ Area for beginners

11 respondents mentioned that they would like a dedicated area for beginners/kids.

3/ Remove gaps

8 respondents mentioned that they would like to see table tops as opposed to gap jumps.

” It would be good to see a beginner line for the young up and coming riders as well as riders new to the sport. “
Survey respondent

” I hope that the large gaps are table tops so I feel safer hitting them. “
Survey respondent



4. Multi-use

6 mentions

Typical quote from survey respondent: "Would be very pleased if the section wasn't too tight and allowed for 26" wheel bikes to enjoy as well."



5. Bigger jumps

5 mentions

Typical quote from survey respondent: "Those jumps look tiny, if this park is supposed replace kush trails there needs to be a big all dirt double black line."



6. Mulch jump

4 mentions

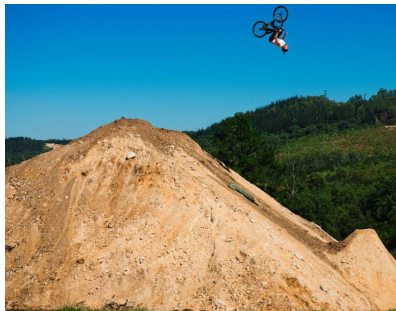
Several respondents mentioned the need for a mulch jump or other way to practice BMX skills without the risk of getting hurt.



7. Hip-style jump

3 mentions

Typical quote from survey respondent: "Less straight jumps more hip jumps."



8. Step up

3 mentions

Typical quote from survey respondent: "Make all the blue tables small step ups so judging the jump distance is intuitive. Last blue jump could be a small gap with large case pad."



9. No gravel

3 mentions

Several respondent mentioned their concern for the material of the course and features.



10. Variety

2 mentions

Typical quote from survey respondent: "Jumps with an offset landing (hip jumps/ shark fins) would be cool and would add variety to the linear nature of the features."



11. Ride-around

2 mentions

Several respondents asked for ride-around options especially for bigger jumps.



12. Advanced

2 mentions

Typical quote from survey respondent: "I just hope that the advanced section will have bigger jumps, it's good for advanced riders to have a nice big set to continue progressing. A medium size set can be limiting."

WHAT WE HEARD

4/ Pump Track



Please rate your satisfaction with the proposed pump track section of the course.



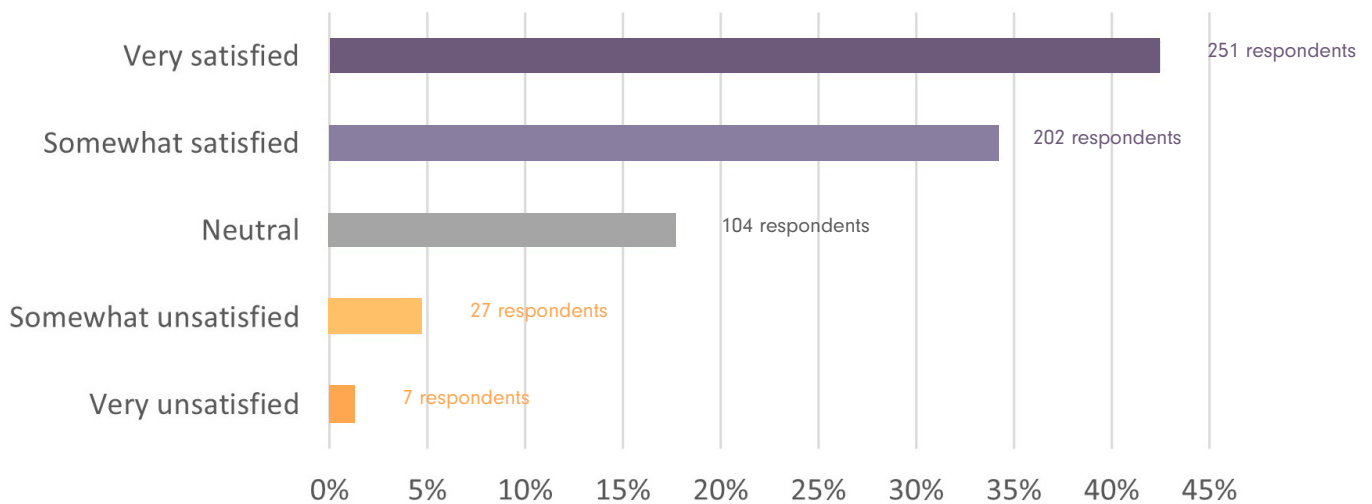
OVERVIEW



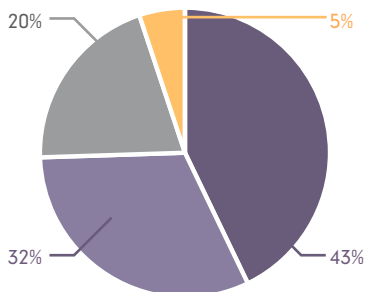
Key takeaways

- Overall, survey respondents were content with the design of the pump track, with more than 450 individuals (77%) expressing either a somewhat or very high level of satisfaction.
- The pump track received the third highest number of neutral responses. This was primarily because respondents stated that they do not use pump tracks.
- As detailed on pages 21-22, the primary requests were to create a separate area for young riders to learn, incorporate designs from the Chilliwack pump track and expand the overall area dedicated to the pump track.

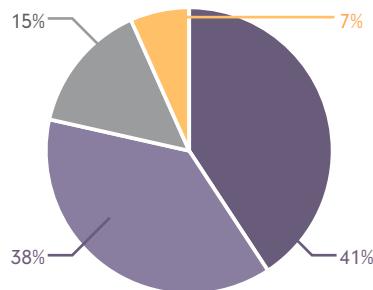
Please rate your satisfaction with the proposed pump track section of the course (591 respondents)



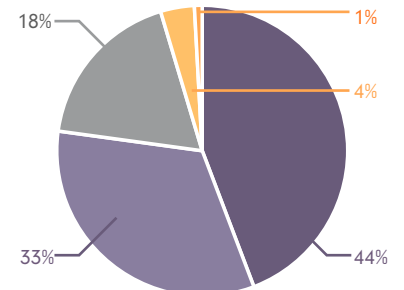
Age 13-24



Age 24-35



Age 35+



Very satisfied
 Somewhat satisfied
 Neutral
 Somewhat unsatisfied
 Very unsatisfied

- The survey results indicated that the older age group generally showed contentment with the design of the pump track. However, they demonstrated a significantly higher level of slight dissatisfaction and notable dissatisfaction (although still minimal) compared to their younger counterparts who participated in the survey.
- Based on other sections of the survey, it was observed that the younger age group (ages 13-24) did not express any dissatisfaction with the design of the pump track. Instead, the majority of this age group (43%) reported being very satisfied with the design.

WHAT WE HEARD

Pump Track Section Qualitative Survey Results

Please provide any additional comments you have about the pump track section.

1/ Young riders

Respondents were generally looking for a separate area for young riders to learn.

2/ Make it like...

11 respondents mentioned that they would like to see the pump track reflect designs seen in the pump track found in Chilliwack. They noted the Chilliwack design was exciting and they enjoyed the grass in the middle.

3/ Larger

10 respondents mentioned they would like to see more space dedicated to the pump track, or several different pump tracks for different skill levels.

”
Would be great to have separate pump tracks for kids/runbikes/scooters and advanced riders.
“
Survey respondent

”
Make it bigger with beginners and more technical lines to save the children that just stop cause they don't know what they're doing and an adult ends up running over a child.
“
Survey respondent



4. Dirt Construction

10 mentions

Typical quote from survey respondent: "Why not dirt? Asphalt seems like an odd choice for mountain bikes which are designed to be ridden on dirt."



7. Roller size

3 mentions

Respondents mentioned that they were concerned with size of the rollers in the renderings. Typical quote from survey respondents: "Rollers look very steep and hard to pump."



5. Transfer lines

5 mentions

Typical quote from survey respondent: "Would be great to have transfer lines and opportunities to double up."



8. Overall size

3 mentions

Several respondents mentioned they thought the space dedicated to the pump track was too large, and they would like to see the space go towards other features.



6. Signage

5 mentions

Typical quote from survey respondent: "Clear signage indicating the direction of travel would be ideal. Pump track accidents can be quite severe."



9. More shade

2 mentions

Several respondents mentioned they would like to see more shade - mainly trees in and around the pump track area.

”

Would be nice to have more trees peppered into the riding area to create shade as it is, the park is super exposed in a hot day.

“

Survey respondent

WHAT WE HEARD

5/ Enhanced Plaza



Please rate your satisfaction with the entrance plaza and seating area of the park.



Entrance Plaza



Central Plaza

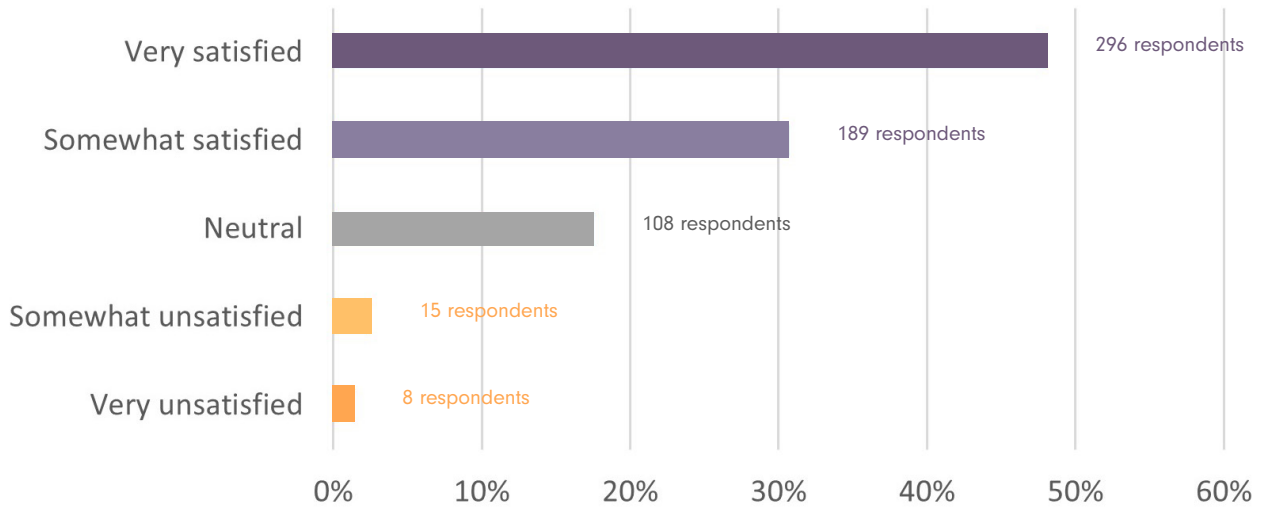


Top Plaza

Key takeaways

- In general, the design of the plaza spaces was well received by the survey participants, with over 480 individuals (79%) expressing either a somewhat or very high level of satisfaction.
- The plaza section received the second highest number of neutral responses. Numerous survey respondents expressed their appreciation for the plaza's design, yet they remained neutral as it was not considered a biking feature.

Please rate your satisfaction with the proposed entrance and seating area of the park (591 respondents)



Proposed entrance plaza

WHAT WE HEARD

Enhanced Plaza Section Qualitative Survey Results

Please provide any additional comments you have about the enhanced plaza section.

1/ Service station

18 respondents asking for a bike servicing station, including air, tools, and water

2/ Water access

14 respondents asked for either drinking fountains or access to water to spray down dirt trails/ jumps.

3/ Washroom

12 respondents asked for a dedicated washroom.

”
A bike wash and tool station would be a nice addition.
“
Survey respondent

”
Love the covered area and concrete benches. Will there be a drinking water station? Bathroom facilities would be fantastic.
“
Survey respondent



4. More seating

10 mentions

Several respondents asked for more seating to be in the final design throughout the course.



5. More shade

9 mentions

Typical quote from survey respondent: "Interspersed natural trees would be good to design in for shade."



6. More storage

7 mentions

Several respondents asked for more places to store their bikes throughout the park.



7. Covered areas

5 mentions

Typical quote from survey respondent: "Could use a little bit more covered area to protect from rain."



8. More tables

5 mentions

Typical quote from survey respondent: "More picnic tables would be nice, two close together would easily be taken by one large party with nowhere else to sit."



9. Area for food

4 mentions

Several respondents asked for a concession area or a place for food trucks to park.



10. Area for dogs

3 mentions

Typical quote from survey respondent: "It would be nice if dogs were allowed in plaza/entrance area and it would be nice to have leash hooks so that they can hangout while owners bike."



11. BBQ Area

3 mentions

Typical quote from survey respondent: "Would be nice to have more seating and a place to put a BBQ for birthday parties/gatherings."



12. Signage

2 mentions

Several respondents asked if there could be clear signage at the plazas to help people navigate the park.

