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Master Plan Final Report Spruce Haven Park

> Prepared for: City of Melfort

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Project Information:

Project Description:

The Spruce Haven Park Master Plan offers a guiding framework for how the park may be developed over time. It is intended to be flexible, capable of adapting to the changing needs and desires of Melfort's community. Designed to be implemented in realistic phases, the master plan provides a practical framework for future investment depending upon the availability of funding and priorities set by the City of Melfort.

Existing Site:

Spruce Haven Park is located in the southeast corner of Melfort and is approximately 43-acres in size. The Spruce Grove neighbourhood on the park's north perimeter, along with three roads: Shadd Drive (west), Spruce Haven Road (south) and Frost Drive (east) delineate the boundaries of the park. Spruce Haven Park inadvertently evolved into three distinct areas.

- 1. Agricultural land occupies the northern portion.
- 2. A ballpark, complete with 4 diamonds, is located in the Southeast corner at the intersection of Spruce Haven Road and Frost Drive.
- 3. The former Howe's homestead occupies the southwest corner by the intersection of Shadd Drive and Spruce Haven Road.

Each area has it's own distinct identity relative to vegetation typology and programmatic uses.

Project Process:



A qualitative visual analysis of the park was taken and the following was identified:

- The area is a mix of passive and active uses, along with agricultural.
- Aging park amenities: picnic shelters, swing sets, washrooms, mini golf.
- Inconsistent material usage
- The site is segregated, not unified or connected.
- Road and parking infrastructure needs upgrading
- Park Entrance is not formalized / unclear.
- Site is segregated, not unified or connected.
- Underutilized park due to lack of park programs
- Lack of connection to adjacent neighbourhoods
- Lack of pedestrian trails that link park together
- Lack of park signage

Meetings were held with the City of Melfort and the Stakeholder group to identify a list of potential features and amenities the community desired (see Appendix II). These suggestions were taken into consideration during the master plan design.

SECTION 01

PROJECT INTRODUCTION

Existing Site Plan



See images on pages 6 - 9

























CULTURE, HEALTH, LEISURE, PLAY

The vision is to develop Spruce Haven into a vibrant community park and signature Saskatchewan destination with an emphasis on culture, health, leisure and play.

SECTION 02

SPRUCE HAVEN PARK VISION

Master Plan Goals:

- 1. Create a unified park space.
- 2. Strengthen the park presence along Shadd drive.
- 3. Celebrate and protect the character defining elements of the site.

Design Methodology:

- 1. Create an interconnected path network.
 - 2. Park Forestation.
- 3. Preserve and enhance existing amenities.



Park Defining Elements

This Spruce Haven master plan was organized around existing park elements as well as planned future development. Preservation of the existing forest, ballpark, and Tourism Centre (Melfort & District Chamber of Commerce) were a priority in the overall organization of the plan. The City of Melfort is interested in the development of a field house / multiplex building. The design/placement of this structure along with its site requirements were recognized within the master planning of Spruce Haven Park.



Forestation



A mature forest within the old Howe's family homestead defines Spruce Haven Park. The intention is to unify the park through an extensive forestation strategy. Through a sustainable forestation implementation program, diverse tree species will be planted strategically over time to ensure health and longevity to the new and existing forest.



Connectivity

Primary pathway (3 meter, Asphalt) Secondary pathway (1.5 meter, Gravel)

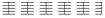
Pedestrian and cyclist accessibility is integral to creating an active, healthy, and safe park. Two complementary pathway systems have been proposed. A primary 3 meter asphalt path network will link all major amenities to surrounding neighbourhoods and will integrate into the existing Kinsmen Centenary trail system. A 1.5 meter gravel meandering trail system allows for exploration and discovery within the mature forests.



Vehicular System



Permanent Parking (417 Stalls)



Temporary Overflow Parking (up to 420 Stalls)

Vehicular circulation and parking requirements have been recognized within the master plan. At the time of assessment, the City of Melfort did not have a clear bylaw for Multiplex requirements as well as the different outdoor recreational amenities that have been proposed. The parking evaluation was based on the City of Saskatoon Bylaw Item 6.3.6 (see Appendix III).

Park Program Overview:



Farm theme playground



Sunflower maze, seasonal celebration of Saskatchewan prairies, opportunity for community gardens, flexible space



Outdoor performance stage, festival grounds, showcase local talent, wedding venue, graduation ceremonies



Seasonal skating rink



Water play, splash pad



Park pavilion, permanent vendor structure, support local businesses, farmers market, wedding venue



9 fitness circuits nodes along 1.8 km park perimeter training loop. Each node features different outdoor exercise equipment



Outdoor lounge with fire feature, celebrate all four seasons, gathering space, meeting place



Skate Park



Forest trails, exploring the outdoors, way finding, opportunities for public art, discovery

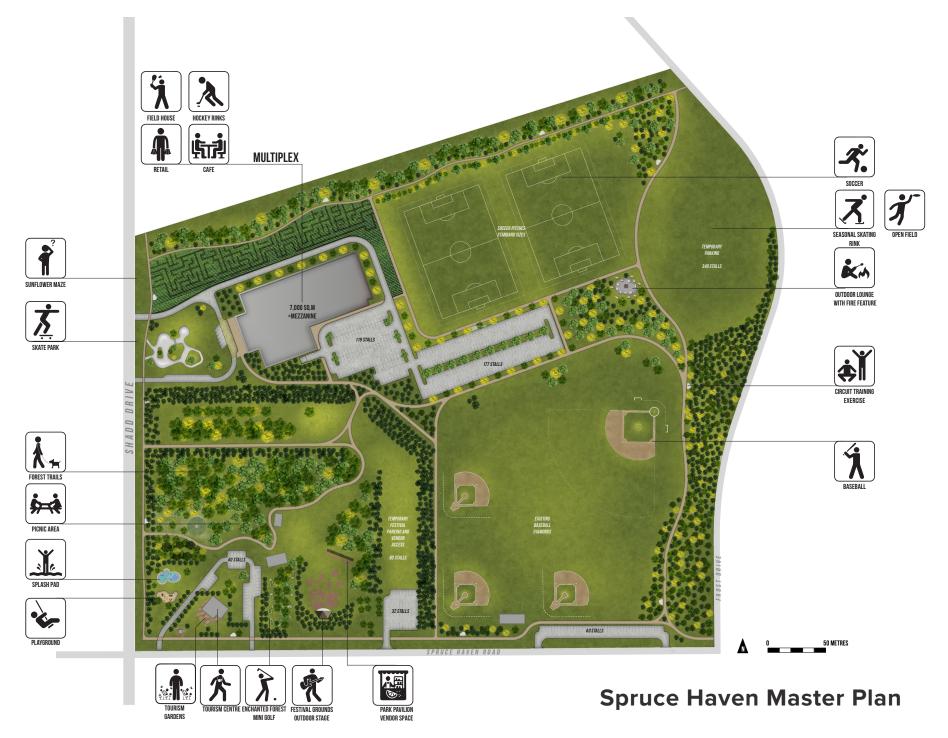


Enchanted forest mini golf, playing amongst mature coniferous trees, natural elements



Soccer, Baseball, Softball, Frisbee, Tag, Kite Flying

*Note: Image Reference on Appendix IV



Public Open House:

On December 19th, 2016 Nadi Design & the City of Melfort hosted two public open houses. This was the first time the public had seen the final design for Spruce Haven Park. An afternoon open house was held at City Hall and then at the Kerry Vicker Centre in the evening. Attendees were given the opportunity to fill out a feedback form regarding the Spruce Haven Master Plan design. The following summarizes the publics responses.

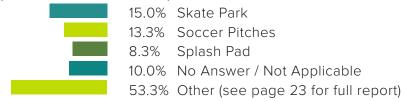
General:

- People signed in. 44
- Approximate number of attendees counted 60
- 26 Feedback forms were submitted

Summarization of feedback forms:

Question 1: What are your three priorities for the park in the short term?

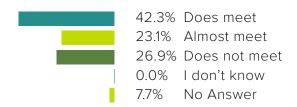
Top answers for short term priorities:



Top answers for long term priorities:



Question 2: Do the ideas represented here, meet with your expectations for Spruce Haven Park?



The public was given the opportunity to provide additional commentary regarding the design. Here are the comments received, some of the guotes have been grammatically adjusted for clarity.

Comments regarding short and long term priorities:

Make something visible early, get budgeting in place.

Needs for the community are what drives my priorities. I also think the short term priorities I listed address a wide group of users.

Our sons (present ages 11 + 18) play soccer; not hockey or baseball. They play soccer year round. Our oldest son plays premier league in P.A. at Alfred Jenkins Facility for the last 3 years. We drove 3 times per week + more, for 3 yrs.

We currently pay \$100/yr per residential property for the KVC. We are now in year 5(?) Of 10. If we are not finished with the first project, why start a second?

More kids in soccer than any other sport in Melfort. No indoor

regulation size pitch available.

Encourage people to use the space now to show how it can be used in future.

We need it!!

Because KVC is NOT big enough!!

Skate park covers a large range of ages and I feel that some of the age groups to be bored + get into trouble. Multipurpose building because over 1/2 of our year, the weather sends us indoors.

RV Park short term would enhance ball tournaments, soccer's. lacrosse etc...(sewer dump is already there)

Soccer is growing! We can't hold a good comfortable tournament in Melfort Because KVC doesn't have the space!

Need a rink for hockey and figure skating + maintain bases for tournaments etc.

Short of ice time, soccer is a growing sport.

I think this should be revisited as building the facility is one thing but maintenance is huge. Example the palace which is in rough shape.

because they are fun, because we don't have lots, because we don't have lots of them

Lots of different outdoor areas for activity

SECTION 03

PUBLIC OPEN HOUSE

The current skate park is not adequate and needs to be upgraded. The multiplex building is needed for both for indoor soccer and hockey. The community requires a second rink to continue to grow in the sport.

I think we are long overdue for a splash pad area for families to gather. I see Spruce Haven as an opportunity to provide many outdoor activities for families.

General Comments:

Water storage opportunity, fish pond?

Great Layout!!

I like the outdoor fitness circuit. The soccer numbers have increased over the past 7 yrs. Hockey kids play soccer in off season to keep in shape. I feel the Alfred Jenkins Facility in P.A. is a great example of a well used facility. It encourages soccer for all ages with both men + women leagues. Our population is increasing + those kids play soccer. We need to encourage a sport all kids can afford.

I fully support the park idea, however, from a financial level, this is premature. The play, explore ideas are great & Nadi design has done a great job.

I think at this time it makes sense to build any part of this project. There is a lot of existing structure that need upkeep before we even consider spending tax dollars on this project. The city needs to focus on them first before any projects are started we need to do a vote or go door to door and get answers.

There is so much being spent in wrong ways. Hockey is working well the way it is and is also helping other communities.

Phenomenal plan - great idea to prioritize and build over time.

Cannot be satisfied with another outdoor rink.

Good plan, I only wish The Palace was out here.

I'm all for progress but this is just too much money for this size of community. Lets fix + maintain what we currently have and keep our existing facilities in top notch shape. Please keep the money for what we already have.

I would like to have seen another indoor gym with 2-3 full size volleyball courts which could be used as a soccer pitch so we could host an indoor tournament. KVC doesn't meet requirements.

The community would be better off once this plan comes together. The overview looks good and well planned out. Now the work needs to be completed for the community to see the benefits. Local sporting events are being harmed by lack of facilities. Side note: hotel accommodations should also be investigated as some are required to stay out of Melfort and all that money spent on business is going to other communities.

I like that the sole focus is not just a new rink. I look forward to the new opportunities this development could bring. I like the idea of the outdoor fitness equipment as I saw that in Castlegar BC this year.

I think the skate park will get vandalized.

Full Report

Short Term Priorities

Amenity	Vote	Percentage
Skate Park	9	15.0%
Multiplex	3	5.0%
RV Short Term Park	1	1.7%
Install Sod	1	1.7%
Roads	1	1.7%
Parking	1	1.7%
Skating Rink	3	5.0%
Soccer Pitches	8	13.3%
Splash Pad	5	8.3%
Stage	1	1.7%
Snack Pavilion	1	1.7%
Indoor Soccer	2	3.3%
Circuit Training	2	3.3%
Pathways & Trails	2	3.3%
Hockey Rink	3	5.0%
Playground	4	6.7%
Ball Diamonds	2	3.3%
Outdoor Lounge	1	1.7%
Sunflower Maze	3	3.3%
Tree Planting	1	1.7%
Picnic Areas	1	1.7%
No Answer / Not Applicable	6	10.0%

Long Term Priorities

Amenity	Vote	Percentage
Multiplex	4	8.2%
Parking	2	4.1%
Skating Rink	3	6.1%
Soccer Pitches	4	8.2%
Splash Pad	2	4.1%
Stage	2	4.1%
Snack Pavilion	1	2.0%
Indoor Soccer	8	16.3%
Circuit Training	2	4.1%
Pathways & Trails	3	6.1%
Playground	2	4.1%
Ball Diamonds	2	4.1%
Outdoor Lounge	1	2.0%
Tree Planting	2	4.1%
Mini-Golf	2	4.1%
Tennis Court	1	2.0%
Shower & Change Rooms	1	2.0%
Batting Cages	1	2.0%
No Answer / Not Applicable	6	12.2%

Class 'C' Cost Estimate

Prices based on 2015

Description of Work	Estimated Quantity	Unit	Unit Price (\$)	Extended Amount
Item 1 Installation of Park Paths				
3 m wide asphalt path	2205	linear metre	\$225	\$496,125
1.5 m wide granular path	1000	linear metre	\$60	\$60,000
			Item 1 Total	\$556,125.00
Item 2 Hard Surfaces & Driving				
Asphalt roads and parking	15755	square metre	\$105	\$1,654,275
Concrete curb	3160	linear metre	\$130	\$410,800
Unit Pavers	1000	square metre	\$160	\$160,000
			Item 2 Total	\$2,225,075.00
Item 3 Construction & Installation of Fire Plaza Feature				
Fire plaza including concrete base and all components	1	allow	\$60,000	\$60,000
			Item 3 Total	\$60,000.00
Item 4 Construction & Installation of Bandshell				
Bandshell including concrete base and all components	1	allow	\$145,000	\$145,000
			Item 4 Total	\$145,000.00
Item 5 Construction & Installation of Festival Pavilion &	Picnic Shelters			
Pavilion including concrete base and all components	1	allow	\$80,000	\$80,000
Install picnic shelter including support	2	allow	\$40,000	\$80,000
			Item 5 Total	\$160,000.00

SECTION 04

COST ESTIMATE & PHASING

Description of Work	Estimated Quantity	Unit	Unit Price (\$)	Extended Amount
Item 6 Construction & Installation of Splash Pad				
Construction and installation of splash pad	1	allow	\$350,000	\$350,000
			Item 6 Total	\$350,000.00
Item 7 Construction & Installation of Skate Park				
Construction and installation of skate park & components	1	allow	\$350,000	\$350,000
			Item 7 Total	\$350,000.00
Item 8 Construction & Installation of Playground				
Playground equipment and all site work, surface materials	5 1	allow	\$500,000	\$500,000
			Item 8 Total	\$500,000
Item 9 Construction & Installation of Mini-golf				
Construction & installation of mini-golf and all components	s 1	allow	\$125,000	\$125,000
			Item 9 Total	\$125,000
Item 10 Construction and Installation of Soccer Fields				
Rough grading	1	allow	\$50,000	\$50,000
Sod on top soil	17,600	square meter	\$12	\$211,200
Goal posts with anchors	4	each	\$5,000	\$20,000
Irrigation including all components	17,600	square meter	\$15	\$264,000
			Item 10 Total	\$545,200

Description of Work	Estimated Quantity	Unit	Unit Price (\$)	Extended Amount
tem 11 Construction & Installation of Fitness Circuit				
Construction & installation of fitness nodes	9	each	\$5,125	\$46,125
			Item 11 Total	\$46,125.00
tem 12 Construction and Installation of Site Furnishin	gs & Lighting			
Bench on concrete pad	20	each	\$2,500	\$50,000
Waste receptacle mounted on concrete pad	20	each	\$1,750	\$35,000
Picnic table on concrete pad	10	each	\$5,000	\$50,000
Park entry signage	2	each	\$10,000	\$20,000
Wayfinding signage	10	each	\$1,500	\$15,000
Bike racks	6	each	\$1,500	\$9,000
Bollards	12	each	\$750	\$9,000
Pathway Lighting	74	each	\$6,000	\$441,000
			Item 12 Total	\$629,000.00
tem 13 Supply and Installation of Trees & Shrubs				
Deciduous Tree	300	each	\$500	\$150,000
Coniferous Tree	325	each	\$500	\$162,500
Whip Plantings	12,000	square meter	\$20	\$240,000
Shrubs & Perennials in Tourism Garden	100	square meter	\$45	\$4,500
			Item 13 Total	\$577,000.00
tem 14 General Landscape				
Hydro seeded-area	42,400	square meter	\$6	\$254,400
Structural sod for temporary parking areas	12,600	square meter	\$20	\$252,000
Demolition		allow	\$200,000	\$200,000
			Item 14 Total	\$706,400.00

Description of Work	Estimated Quantity	Unit	Unit Price (\$)	Extended Amount
Item 15 Rough Grading Allowance				
Cutting, filling, and moving earth on site.	1	allow	\$500,000	\$500,000
			Item 15 Total	\$500,000.00

TOTAL AMOUNT FOR LANDSCAPE

\$7,454,925.00

Suggested Phasing of Project

5 Year:	10 Year:	20 Year:
Skate park including entry loop access off Shadd Drive	Stage	Asphalt all 3m pathways
	Picnic Shelters	Asphalt all parking lots
Soccer Pitches	Snack Pavilion	Forest Trails
Splash Pad	Outdoor Lounge & Sod open field	Forest pathways
Playground	area / Temporary parking (340 stalls) / Seasonal Skating Rink	Install 3 circuits training stations
Interior parking lot, gravel with concrete curbs (177 stalls along with access road to Shadd Drive)	Refurbish existing parking (40 stalls) around tourism centre and additional parking in festival grounds (32 stalls)	Tree plantings & sod
Refurbish baseball parking along Spruce Haven Road	3m gravel pathway extensions	
Sunflower Maze	Install 3 circuits training stations	
3m gravel perimeter pathway and some	Tree plantings & sod	
interior paths to link amenities	Multiplex / Fieldhouse / Ice Rink	
Install 3 circuits training stations		

Tree plantings & sod

SECTION 04

APPENDIX

City of Melfort and Stakeholder Group Desired Features list:

October 20, 2015 Startup Meeting with City of Melfort

Skate Park

Multi Plex

Full sized soccer pitches

Pathway connections

Spray pad

Outdoor workout area

Adult swings

Ice skating oval

Zipline

Disc golf

Community movie theatre

Dog park

Ice skating path

Increased plantings

Parking lots (hidden / located in discrete areas)

Signage

Amphitheatre

Climbling walls

Themed playground

Elevated walkway in trees

Maze

RV / camping area

Permanent street & parking (concrete curbs)

New mini golf

'Lovers lane' (ex love lock bridge in Paris)

October 28, 2015 Startup Meeting with City of Melfort

Skate Park

Multi Plex

Fieldhouse

Indoor rink

Concessions and washrooms

Spray pad

Full sized soccer pitches

Pathway connections

Botanical garden

Cross country skiing

Zip line

Disc golf

Picnic shelters

Fire pits

Geo-caching opportunities

Upgraded mini-golf

Kid playroom

Lawn bowling

Horse shoeing

Parking Requirements:

Reference:

City of Saskatoon (2015). Zoning Bylaw No. 8770 of the City of Saskatoon. Saskatoon, Saskatchewan.

ITEM	DESCRIPTION	SIZE/ # OF PATRONS	STALLS REQUIRED
Commercial & Public Indoor Recreational & Health Club	1 space per 24 sq.m of flr area	7000 sq.m	292
Commercial & Public Outdoor Recreation uses: • Splash Pad • Playground • Mini-Golf • Baseball (15 per team x 8 = 120 + 50 spectators) • Soccer (15 per team x 8 = 120 + 50 spectators)	1 space per 4 patrons at design capacity	20 20 20 170 90	5 5 5 43 23
CITY OF SASKATOON ZONING BYL	AW ITEM 6.3.6	TOTAL	372

Image References:

Images 1 - 16. Melfort Site Photos, Melfort, SK. 2015. Nadi Design

Image 17. "PLAY" *Sibley Park, Mankato*, MN. 2015. Landscape Structures, Inc. Accessed November 17, 2015. https://www.playlsi.com/en/commercial-playground-equipment/playgrounds/sibleypark.

Image 18. "EXPLORE" *Greenlar, Mike. Gavin Parfitt 19 months* gets a ride on dad's shoulders, Joseph Parfitt of Baldwinsville in a sea of sunflowers at the Camillus Sunflower Maze on Route in Camillus. 2010. Syracuse Post Standard. Accessed November 13, 2015. http://photos.syracuse.com/post-standard/2010/07/the_amazing_sunflower_maze_in.html.

Image 19. "CELEBRATE" Beard, Jon. *Clone Shot: The Rock Tour.* 2010. John Beard Photography. Accessed November 13, 2015. http://jonbeard.com/blog/2010/04/clone-shot-the-rock-tour/.

Image 20. "ENJOY" *Cleveland Ice Skating*. 2015. Eventsincle. Accessed November 19, 2015. http://www.eventsincle.com/3-outdoor-ice-skating-rinks-in-cleveland/cleveland-ice-skating/.

Image 21. "SPLASH" *Splashpad.* 2011. Isaba Projects. Accessed November 13, 2015. https://www.flickr.com/photos/isabaocio/10924100745/in/album-72157637797737294/

Image 22. "SNACK" Goldberg, Jeff. Covingston Farmers Market. 2014. design/buildLAB. Accessed November 30, 2015. http://www.designbuildlab.org/gallery-2/covingtonfarmersmarket/.

Image 23. "EXERCISE" *Outdoor Chest Press.* Trade India. Accessed November 23, 2015. http://www.tradeindia.com/fp1053423/Outdoor-Chest-Press.html.

Image 24. "GATHER" *Ecobuage*. 2015. Plain Projects. Accessed November 23, 2015. http://www.plainprojects.ca/#/ecobuage/.

Image 25. "PRACTICE" *Mini-skooters*. 2012. Great Ayton Project X (Marks the Spot) – Skate Park & Recreation Committee. Accessed November 19, 2015. http://greataytonprojectx. blogspot.ca/p/skate-park-designs.html.

Image 26. "WANDER" Kalnins, Ints. *People gather near the wooden megaphones in the forest near Pahni village, Estonia.* 2015. Design You Trust. Accessed November 26, 2015. http://designyoutrust.com/2015/10/gigantic-wooden-megaphones/.

Image 27. "ENHANCE" *North-Lake-Tahoe-Miniature-Golf.* 2015. Lake Tahoe Activities. Accessed November 26, 2015. http://www.tahoeactivities.com/north-lake-tahoe-miniature-golf/.

Image 28. "ENGAGE" *Youth Programs Sports*. 2013. Teton County Jackson Parks & Recreation. Accessed November 26, 2015. http://www.tetonparksandrec.org/youth-programs/sports.

Spruce Haven Open House Sign In:

MARIE KERRY VKKAR CENTRE SPRUCE HAVEN MASTER PLAN

Open House Sign in

City Hall

SPRUCE HAVEN MASTER PLAI

Open House Sign in

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Bill Eastrott	18. Josh Ruiter	. Chris Corbett	18.
Kirby Hardwick	10. Lee Ruiter	· De But	· 19.
lon Fresen	20. Hen Mª GOWN	· Bryen Fat	20.
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. Tren's McLoneghy	2 Corner Peasley	· Gordon Liddle	22.
· Aaron Skiften	23. Richard Feasley	2. Margo Pol -	23.
. Denise Tondell.	24 STUGAT AGSEN	8 GAPIL Leonard Lucy Plus	24.
. Karen Hodwen and Will	25 Paul Dryfrai	. Glenn Peggy Grange	25.
10. Joan + Ed Bourassa	28 Judy Instrucci	10. Mel Annand	26.
11. Brent & Julie Trawer	27 MANICE MINDIUK	11 Supelle Roses	27.
12 TODO DESMULMERS	28.	12 Ekgh Tologon	28.
13. Adom PhiPBS	29.	Jamen DeBurnhere	29.
14. JONNY BOKEY	30.	14. Alan Abunahu	30.
Laurelyn Hoes	31.	15 Joshua Gantis	31.
16. Aranda Gerski	32.	10 Janel O Mary Taxes	Q <u>32</u>
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