

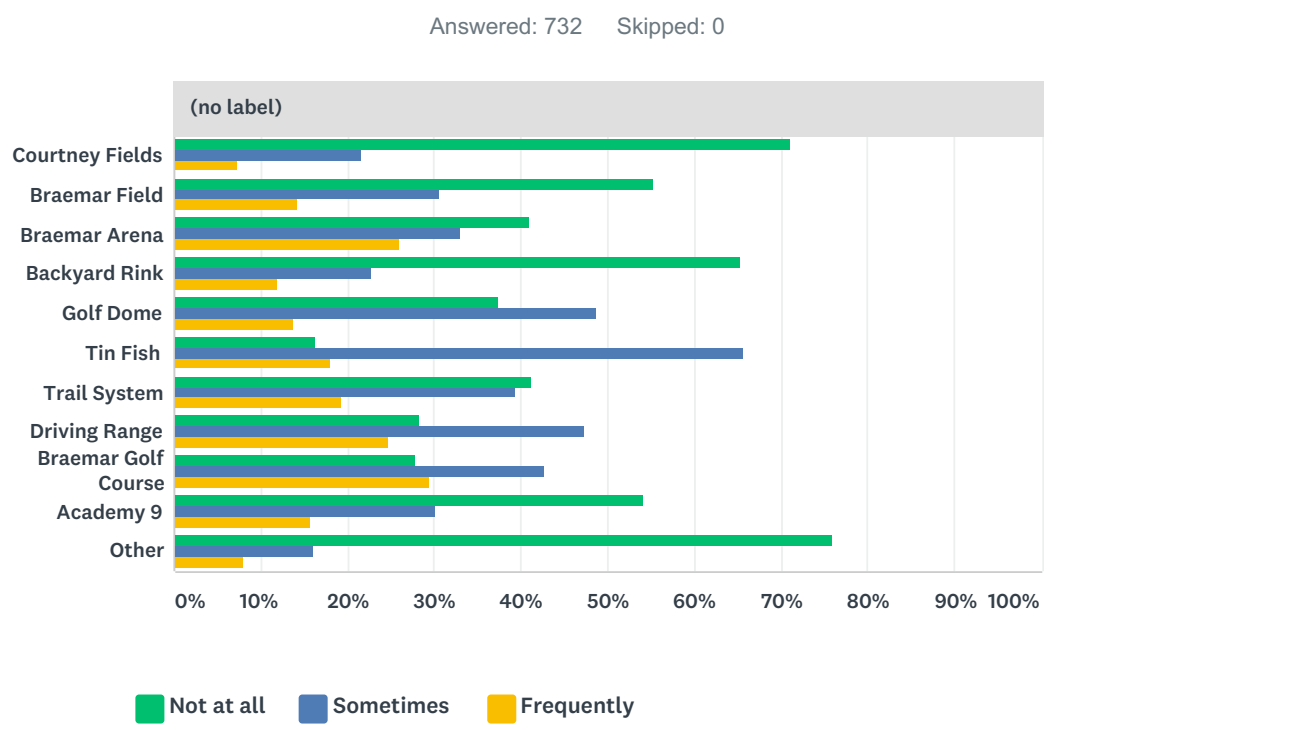


A

APPENDIX A: SURVEYS AND OUTREACH COMPILATION

Survey #1

Q1 What facilities do you currently use at Braemar Park?



(no label)				
	NOT AT ALL	SOMETIMES	FREQUENTLY	TOTAL
Courtney Fields	71.08% 381	21.64% 116	7.28% 39	536
Braemar Field	55.23% 317	30.49% 175	14.29% 82	574
Braemar Arena	41.11% 245	33.05% 197	25.84% 154	596
Backyard Rink	65.27% 357	22.85% 125	11.88% 65	547
Golf Dome	37.40% 233	48.80% 304	13.80% 86	623
Tin Fish	16.29% 108	65.76% 436	17.95% 119	663
Trail System	41.28% 239	39.38% 228	19.34% 112	579
Driving Range	28.21% 180	47.18% 301	24.61% 157	638
Braemar Golf Course	27.86% 180	42.72% 276	29.41% 190	646
Academy 9	54.19% 317	30.09% 176	15.73% 92	585
Other	75.88% 151	16.08% 32	8.04% 16	199

#	COMMENT (PLEASE MENTION WHAT FACILITY YOU ARE COMMENTING ON.)	DATE
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Braemar Park		
1	I would love to use the golf stuff someday. Need time.	8/30/2017 9:45 AM
2	I have an early elementary school student, and would like to use the baseball fields if there was a night baseball option for younger students in the summer. (Day baseball is hard for working families!)	8/28/2017 9:16 AM
3	Mountain bike trails would be amazing!	8/24/2017 1:34 PM
4	I don't currently use any of these facilities as I do not play baseball, golf, or play hockey. I am interested in using some facilities should they be in line with my interests!	8/24/2017 11:40 AM
5	Mud lake & the new three rivers park trail.	8/23/2017 5:23 PM
6	N/A	8/23/2017 11:21 AM
7	I walk through the Braemar woods, entering on Gleason Road, frequently.	8/22/2017 6:16 PM
8	I don't use braemar	8/22/2017 5:53 PM
9	drive by Braemar at least 2 x each day	8/21/2017 4:58 PM
10	Other parks and open spaces within the city	8/21/2017 4:21 PM
11	There's SO much focus on golf...would love to expand beyond that as it has no appeal for non-golfers. Also, what are plans to keep baseball fields at optimized capacity if high school team is moving out?	8/21/2017 2:21 PM
12	We tried to use the Golf Dome once, but when we arrived during the hours published on the web site, they were not open.	8/21/2017 10:31 AM
13	I like to take walks and mountain bike rides up along the "gravel grinder" trail near Gleason and Dewey Hill Road. I also like to take our kids sledding at Braemar near this same intersection.	8/21/2017 10:20 AM
14	Golf course - integrate BMC group with ALL golf club operations. Seniors feel like outsiders!	8/20/2017 1:13 PM
15	Trail system: I did not know that there is a trail system. How about some maps?	8/20/2017 11:12 AM
16	golf courses and driving range	8/18/2017 7:18 PM
17	All are very enjoyable and excellent quality. More targets on driving range would be an improvement.	8/18/2017 12:18 PM
18	I would like to use Braemar Park much more than I currently use it.	8/18/2017 11:42 AM
19	I live in Bloomington and use Braemar as my alternate for golf. I really enjoy the Tin Fish after golfing and have gone there for special events as well.	8/17/2017 8:46 PM
20	Braemar Golf Course	8/17/2017 2:00 PM
21	I am not aware of any hiking trails throughout Braemar	8/17/2017 1:38 PM
22	Would lik to see mountain biking trails but in at Breamar. And it would be great if they could be used too cross country skiing in the winter.	8/17/2017 12:38 PM
23	Golf	8/17/2017 12:17 PM
24	Golf Course	8/17/2017 10:01 AM
25	Tin Fish was a very poorly thought out idea. Giving up a normal food service operation by turning this operation over to a commercial business loses course control, invites pricing that is not compatible with the average golfing public for no other reason than reducing Braemar staff. Too bad !	8/17/2017 9:23 AM
26	Academy 9	8/17/2017 9:21 AM
27	Golf and Ice area facilities	8/17/2017 8:46 AM
28	The Academy 9 is the worst short course in the city The other shortlove because the are getting so much business decausevof it When are you going to higher a professional to run it instead of politic Cain and his political boss	8/17/2017 8:26 AM
29	I would love to see the prices on the driving range more reasonable and possibly offer discounts	8/17/2017 8:07 AM
30	Rifle Range Should expand to an outdoor range for shotguns and high powered rifles.	8/17/2017 8:00 AM

Braemar Park		
31	Zone 3 says backyard rink but I just know it as a wooded hill from the road.(and a sledding hill for the kids) A backyard rink sounds wonderful if they can somehow keep all of the trees?(I would hate to see al those trees cut down!)	8/17/2017 7:47 AM
32	I responded "Sometimes" to Braemar Golf course based on past years' use. Obviously we can't use it when closed this year.	8/17/2017 7:08 AM
33	I don't know if any golfers that approve of the city of Edina's restructuring if this formerly wonderful golf course. I know so many people like myself who have played there in leagues or alone. It was wonderful. And now you don't even know what you are going to do with the land. Cannot believe your ineptitude and mismanagement of funds and public opinions who pay your salaries. Most of us will. Ever return to your new golf course so you better come up with some crazy project for your land. And by the way, what did you do with Fred Richards? Edina doesn't need more parks.	8/17/2017 6:56 AM
34	have attended a number of meetings and events in the clubhouse	8/17/2017 1:17 AM
35	love the proximity	8/16/2017 6:35 PM
36	normally I do not use the academy 9 but now while the main golf course is under construction I play there twice a week	8/16/2017 6:32 PM
37	Interested in dirt bike trails	8/16/2017 2:27 PM
38	Braemar Arena needs some investment. At least one timekeeping board needs replacing (South). Also way too much preference still given to figure skaters. Ridiculous that a small number of Edina people get the vast majority of prime time ice when 1500 hockey players have to travel all over for practice ice.	8/16/2017 12:43 PM
39	Would be using Braemar golf course frequently if it were open:)	8/16/2017 12:38 PM
40	I would love to see cross country trails and walking trails. Also I would love to see edible foraging planned.	8/16/2017 11:43 AM
41	My comments will be geared to anything related to golf.	8/16/2017 11:40 AM
42	I drive through the course everyday at least 2 times if not more as it is my main route to work and activities	8/16/2017 11:38 AM
43	Hi I am on the Edina mountain biking team and I would like there to be bike trails to be at braemar	8/16/2017 11:30 AM
44	I enjoyed running around the Braemar Field jogging track many, many times.	8/16/2017 11:03 AM
45	Golf 1-18 is great for my non-serious game, greens should be a little faster than what they were. Warmer climate makes non-manufactured snow unreliable, infrequent and brief. Any trails must accommodate that. Incorporate golf paths into walking paths during non-golf periods!	8/16/2017 10:47 AM
46	Trails	8/16/2017 10:38 AM
47	I hope when the golf course is finished the fees don't go up. I also hope golfers not in leagues will have good tee time access in the weekday mornings.	8/16/2017 10:19 AM
48	The baseball fields	8/16/2017 9:49 AM
49	I would love to see a wider walking path along the road and, perhaps, more walking trails around the park. The new sidewalk on Valley View is wonderful; however, once you get near Braemar, it's treacherous - a narrow path with cars flying by. Edina has more Seniors that any other age group, and there is no suitable walking path (like Bredesen) near Braemar.	8/15/2017 7:30 AM
50	I used to use the firing range, which was a donation to the city for gun safety. I was disappointed when it went private.	8/13/2017 7:16 AM
51	Nordic ski when there's snow. Snowshoe running when there's snow	8/11/2017 9:49 PM
52	I USE THE NEW SOCCER DOME FOR WALKING WHEN THE WEATHER IS INCLEMENT	8/11/2017 4:42 PM
53	none	8/11/2017 8:32 AM
54	Future improvements	8/11/2017 8:09 AM
55	Trails	8/10/2017 9:46 PM
56	Braemar	8/10/2017 8:18 PM
57	The potential mountain bike course. Definitely want and need one.	8/10/2017 8:11 PM

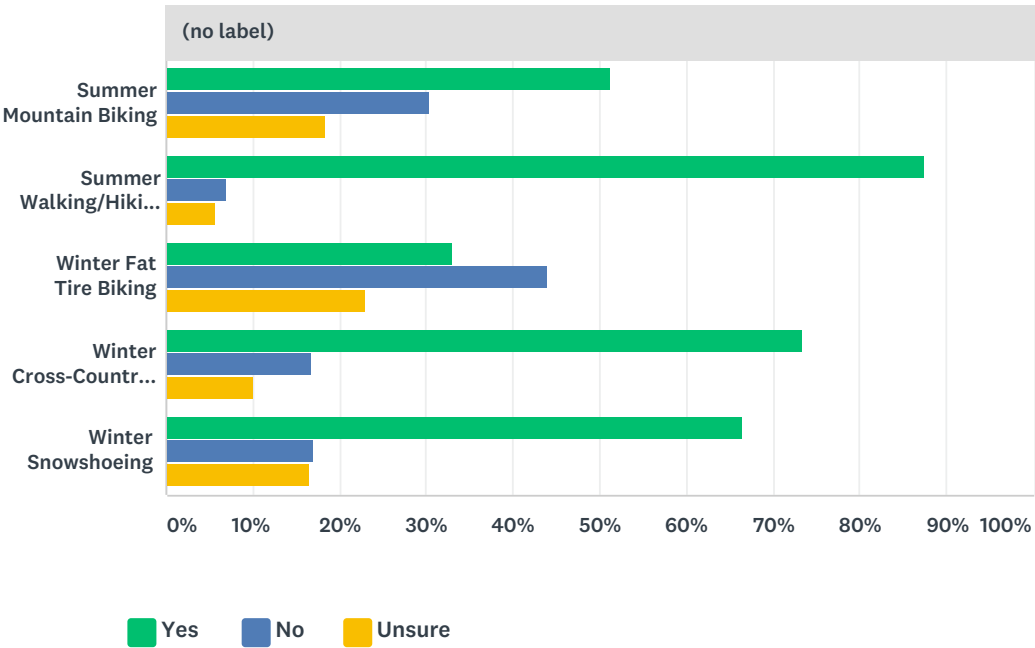
58	Since much of the park has been closed, under construction or at best modified recently, it is hard to really quantify usage. For example, I would respond differently this year to a "frequency use" question regarding Braemar Golf Course then I would in any previous year. Please consider that in survey collection	8/10/2017 7:51 PM
59	When our son was young he played and practiced hockey at Braemar Arena. Our whole family golfs and we use all of the facilities. We snowshoe and dog walk in the winter. We also eat at Tin Fish...	8/10/2017 6:41 PM
60	We enjoy watching baseball. Our grandson is on the Edina High School team as a senior.	8/10/2017 4:30 PM
61	Trail system: The trails near and around Braemar, walking/running. Great. Want more!	8/10/2017 3:08 PM
62	enjoy walking at braemar field in the winter with the dome	8/10/2017 2:25 PM
63	Trail system use for: Snow shoeing and hiking	8/10/2017 1:22 PM
64	Please keep the buckthorn dump site. I love this service.	8/10/2017 11:33 AM
65	We walk our dog daily. It would be nice if no more trees are cut down. Fall for the next 30 years are going to be extremely lacking in color. We are missing the beautiful oaks, pines, weeping willows, maples etc.	8/10/2017 11:14 AM
66	There's a trail system?	8/10/2017 10:51 AM
67	The trails	8/10/2017 9:26 AM
68	Why are we (city council and city staff) constantly bringing up braemar as something we need to do something to or for? Just leave it be and stop screwing around. Enough!	8/10/2017 9:20 AM
69	Braemar soccer dome	8/10/2017 9:13 AM
70	more quiet walking access areas would be nice instead of walking in the busy road in the sun.	8/10/2017 9:10 AM
71	I go about 3 times a year.	8/10/2017 9:08 AM
72	We need an on going open space outside summer cement slab for Family beanbag games set up like bowling lanes so a family, friends to hang out with to socialize. Or a group can reserve play enjoy a snack and something cold to drink. Tournaments 3 times a year. Including a Turkey bag/cornhoke tourney. Could be tailgating as well.	8/10/2017 9:02 AM
73	I use the trails for cross country skiing	8/10/2017 8:50 AM
74	Expand the trail facilities for year round use for cycling.	8/10/2017 8:50 AM
75	Tin Fish: Thank you for bringing in the Tin Fish restaurant. This restaurant and the owners are an important part of developing a sense of community around Braemar. Please find any way to support the Tin Fish! Trail System: This property is a great location. Improvements to the trail system on Braemar land as well as connecting the neighborhoods with walking, sidewalks and bike lanes is needed. Currently, it is dangerous for a pedestrian or bike rider to go from Braemar golf course to the Braemar Field/ice arena past the golf dome. This road is narrow and drivers go through much too fast. Speed limits need to be enforced better in this area.	8/10/2017 8:29 AM
76	I do not believe that public funds should continue to be used to support a golf course on public land. As a golf course, Braemar can serve only 30-40 people on a 500 acre property. Nearly any other public land use can serve 300-500 on the same area of property, all with lower maintenance costs. There are plenty of golf courses in the area on private land.	8/10/2017 8:03 AM
77	We use all of the facilities. My concern are the surrounding residential areas. I hope you can allow them to be connected by sidewalks etc. at the same time they don't lose the privacy. This area is sought after for it's privacy and larger lots.... it would be a shame if the city (as it has the last 10 years or so) pushed through sledding and trails near residential areas. Changing the characteristics of this quiet sought after neighborhood. I'm tired of our community changing and spending WAY to much money on ventures that benefit people on the city council or people working for the city. These issues are out of control!	8/10/2017 7:52 AM
78	Mountain biking trails	8/10/2017 7:15 AM
79	This is a worthless project and waste of out citizens tax dollars.	8/10/2017 6:43 AM
80	Mountain biking trails at braemar	8/10/2017 6:05 AM
81	great facilities, don't remove any	8/9/2017 9:16 PM

Braemar Park		
82	We love walking and snowshoeing at braemar in the winter. Please build mountain bike trails at Braemar!	8/9/2017 7:52 PM
83	Closed	8/9/2017 7:34 PM
84	While we appreciate the improvements to the Clubhouse it still feels tired and dated.	8/9/2017 7:06 PM
85	Braemar arena	8/9/2017 7:04 PM
86	Sledding hill.	8/9/2017 7:03 PM
87	We would patronize a different restaurant at Braemar that would have better quality food, different food options (basic American would be fine), better service (Tin Fish is slow, the atmosphere isn't comfortable, and the food is not good), and a full liquor license would be nice. Look at the recent succes of the new Town Hall Station & the neighborhood support it has.	8/9/2017 6:26 PM
88	Don't golf. Have no plans to start.	8/9/2017 5:27 PM
89	obviously, i am not a golfer, but the landscape offers/can offer other recreation	8/9/2017 5:12 PM
90	We really enjoy Courtney Fields. I'd love to be able to use the park in winter for cross country skiing	8/9/2017 4:13 PM
91	Gravel hill	8/9/2017 4:01 PM
92	Our family is up for most anything. We'd like horse shoe pits.	8/9/2017 3:04 PM
93	We currently do not use anything at Braemar	8/9/2017 2:29 PM
94	Park plan survey	8/9/2017 2:05 PM
95	Trail system - I would like to see easier access and expansion of the walking and biking trials in Edina. Their own designated trails, not share the road. I don't feel safe with my kids or having them go on their own on shared trails.	8/9/2017 1:08 PM
96	This is a facility for the entire community so we should leverage this unique area as much as we can. However it is embedded in a neighborhood that people call home. We need to keep a balance between the good of the community and maintaining the quality of the neighborhood.	8/9/2017 12:24 PM
97	did not know there were trail systems	8/9/2017 12:22 PM
98	Please open the farthest back tees at academy 9 since you were dumb enough to close Fred Richards and the short courses at the same time, then took away all of the long 9's to give us a more expensive and more crowded 18 holes that will be ridiculously expensive. Academy 9 is overpriced.	8/9/2017 12:17 PM
99	Please consider the families with young children as you make decision for our city's parks - we need more spaces for organized sports and activities.	8/9/2017 11:34 AM
100	I live in the area but there is little there that we currently use. Previously used ballfield extensively. We do walk from Sally Lane/Samuel Road along the golf course. Ate at Tin Fish 1x.	8/9/2017 11:23 AM
101	I'm not a golfer.	8/9/2017 11:19 AM
102	Cross country skiing would be great but Highland has it, more running trails hiking trails would be awesome. Expanded soccer fields or hockey rinks would also be welcome. It is quite sad when half of our hockey practices through the Edina Hockey Association seem to be at neighboring rinks.... I bet there's an economy of scale of having more rinks there as well	8/9/2017 11:04 AM
103	No longer play softball at Edina and gave up golf.	8/9/2017 11:03 AM
104	I don't use it.	8/9/2017 10:54 AM
105	New resident, so haven't had the opportunity to explore the park yet.	8/9/2017 10:45 AM
106	I would love to keep the trail system open for walking dogs and cross country skiing in the winter.	8/9/2017 10:34 AM
107	Braemer Ice Arena is busy all year long. Please keep up with improvements there!	8/9/2017 10:12 AM
108	Tin Fish and park in general	8/9/2017 10:06 AM
109	Winter xcounrty trail system is a hidden gem.	8/9/2017 9:56 AM
110	I would use a trail system if there was one.	8/9/2017 9:54 AM
111	hiking the golf course in the winter along with some nordic skiing, and snowsoeing	8/9/2017 9:54 AM

Braemar Park		
112	use only golf related facilities. have used very little this year due to hand injury.	8/9/2017 9:52 AM
113	My children recently graduated but we used Courtney Fields for baseball a lot when they were growing up.	8/9/2017 9:48 AM
114	A park for kids would be nice. Especially around the baseball fields. While older siblings play.	8/9/2017 9:38 AM
115	Oak savanna is being choked by invading buck thorn, especially on south side. Makes trails less scenic, less safe, less usable, less enjoyable	8/9/2017 9:38 AM
116	trail system	8/9/2017 9:37 AM
117	Indoor walking path	8/9/2017 9:37 AM
118	we just moved to the neighborhood and have not yet used the amentitys	8/9/2017 9:33 AM
119	None	8/9/2017 9:32 AM
120	Would love to see more hiking and/or mountain biking trails around the Braemar Park properties.	8/9/2017 9:19 AM

Q2 What types of trail uses would you like to see accommodated or expanded at Braemar Park?

Answered: 708 Skipped: 24



(no label)				
	YES	NO	UNSURE	TOTAL
Summer Mountain Biking	51.24% 310	30.41% 184	18.35% 111	605
Summer Walking/Hiking/Running	87.44% 578	6.96% 46	5.60% 37	661
Winter Fat Tire Biking	33.03% 184	43.99% 245	22.98% 128	557
Winter Cross-Country Skiing	73.33% 462	16.67% 105	10.00% 63	630
Winter Snowshoeing	66.45% 406	17.02% 104	16.53% 101	611

#	COMMENTS	DATE
1	Maybe put some nature guides along the trail?	8/30/2017 9:46 AM
2	I'd like to see this park expanded for multi-use and passive/walking type use.	8/30/2017 9:32 AM
3	The winter tubing proposal was also nice, although I feel a few vocal neighbors (NIMBY?) were overly represented in the needs of the community. I would prefer to provide feedback in a way where city officials can see my name, but not necessarily the vocal neighbors. The parks around town with similar facilities abring a positive view of Edina to the community, business revenue to local merchants, and increase local gov't revenue, leading to reduced reliance on local homeowners. (Would traffic stratrgies such as one way streets reduce local resident concern about traffic to facilities?)	8/28/2017 9:25 AM
4	As an avid mountain biker having trails near me would be incredible. I would even be willing to volunteer with upkeep. Perhaps partnering with MORC would be an option!	8/24/2017 11:41 AM
5	N/A	8/23/2017 11:22 AM

6	The amount of space is limited and mountain biking trails would be disruptive to the walkers, cross country skiing and show shoeing. The focus needs to be on improving the pathway around Braemar for young families and residents close to the park to be able to leverage	8/23/2017 9:55 AM
7	Instead of wasting government funds on something in a park that very few people will use, you should lower property taxes. Edina spends way too much money and should lower property taxes instead of working on the park. There is already more than enough to do in Edina's parks. All of the above options look very expensive, especially Winter Cross-Country skiing. This option in particular would be a major waste of money. If you are dead set on adding something to the park, allow a private company to add it and charge for entrance. Edina could then ask for a portion of the revenue generated from this. This would allow Edina to have no upfront investment, and still generate money from the trails. This would also be great because then only the people who use the trails would be charged, and you could steal less money from the citizens through taxes.	8/22/2017 8:07 PM
8	some activities depend on where the trail or area is located. Cross country skiing, for ex, on the gold=f course, not near homes. Not new trails near homes, then you'd need lights for night or dusk or safety, so NO.	8/21/2017 5:00 PM
9	Although all of these uses may not be compatible on the same system, a well designed system would accommodate as many uses as possible. I personally would use the summer biking, summer hiking/running and cross country ski trails very frequently.	8/21/2017 4:24 PM
10	winter use would be great, but not if there needs to be artificial snow. It is not worth the expense or problems. Just use what nature provides.	8/21/2017 4:00 PM
11	Many of these are great ideas!!	8/21/2017 2:21 PM
12	No lit trails	8/21/2017 12:01 PM
13	An enthusiastic yes to all of these things. I would definitely do all of these activities at Braemar.	8/21/2017 10:21 AM
14	no paving-natural surface only. Nothing wider than 20 feet - which means that it is only one trail wide. I don't want to see anything with two trails. No nighttime lighting!!!!	8/21/2017 8:50 AM
15	Would be great to have a snowmobile trail around the park.	8/20/2017 7:03 PM
16	How about some paved bike trails?	8/20/2017 11:13 AM
17	I don't see much future in snowshoeing.	8/18/2017 11:42 AM
18	I am a xc skier and Mt Biker and would love to do both in the winter at Braemar	8/17/2017 8:46 PM
19	This would be a great addition for Edina to residents and high school teams.	8/17/2017 12:39 PM
20	I do like to cross country ski, but snow fall has been spotty in the past few years and there is a great facility at Hylands. Same goes for the mountain biking. If trail erosion can be minimized I would be for the mountain biking	8/17/2017 10:04 AM
21	Braemar Park NEEDS mountain biking trails. Theres a HUGE portion of edina that mountain bikes, and so far the city of edina has done nothing to support that fact.	8/17/2017 9:58 AM
22	groomed cross country trails	8/17/2017 9:40 AM
23	I don't think there should be snow making at Braemar, Hyland is so close and has snow making. It is too expensive for Edina to take on snow making.	8/17/2017 9:25 AM
24	No interest in Braemar trails. Use Bloomington and Harriet instead with better atmosphere and facilities	8/17/2017 8:58 AM
25	If any other activities are planned during the golfing season, the golf course parking area may not hold the increased car traffic	8/17/2017 8:49 AM
26	More resources the better in my opinion	8/17/2017 8:47 AM
27	Are you kidding Who dreamt this one up When you cannot be great try something else is going to have a lot of unforeseen secondary consequences. Like big losses for the city.	8/17/2017 8:29 AM
28	I would also like Summer "Regular" Biking	8/17/2017 8:10 AM
29	They all sound great but I care more about keeping the trees in place than anything.(especially along Gleason on the hill)	8/17/2017 7:48 AM
30	Dog park	8/17/2017 7:35 AM

Braemar Park		
31	Just leave the area alone!!! Why does anything have to be done with the "narrow" land. Use the money for something more worth while--schools perhaps. Edina seems to think every inch of available land should have something on it. Give up that thought!	8/17/2017 7:14 AM
32	There are enough places to run in town. You don't need to build trails for that. And few runners actually trail run. Mountain Biking requires trails. Focus on that, it's a fast growing sport at all ages. MORC Would love to help build sustainable trails as they have with Minneapolis and Three Rivers	8/17/2017 6:43 AM
33	Mountain biking please! Sell trail passes like the city of Minneapolis does for their amazing trails at Theodore Wirth Park. Get connected with a non-profit mountain biking group to help plan and maintain the trail system.	8/17/2017 6:02 AM
34	Cost of trail construction and maintenance justified to me by creation of recreational resource for the general public. Trail uses should minimize erosion and tree loss. Do not favor night lighting.	8/17/2017 1:20 AM
35	I would't want to cut down trees or alter the nature that is already there...walking paths don't have to be paved; they could be wood chips or just grasses	8/16/2017 6:34 PM
36	Winter Cross-Country Skiing has low impact and meets the needs of the Edina High School team!	8/16/2017 4:33 PM
37	It all depends where facilities are built. As long as they are not invasive to current residents, believe many of these activities are great. If additional light at night, noise, invasion of resident privacy, then I ask that this expansion be limited to those areas not intrusive.	8/16/2017 4:10 PM
38	Summer mountain biking and winter fat tire biking would be our families top priority. The other functions exist to some extent already, but no current accommodations exist for mountain biking.	8/16/2017 3:31 PM
39	I do not think we should spend any money on any additions to Braemar Park. It should remain in its natural state.	8/16/2017 3:25 PM
40	I feequently bike but there are limited areas for trail riding in edina where I work.	8/16/2017 1:59 PM
41	I am an avid mountain biker and I ride a bike at least three days a week 12 months a year. While I ride road, I only do this when trails are closed. I an even more dedicated runner and I run five days a week 12 months a year. I also run both road and trail. In the winter I throw snow shoe running in the mix. I typically am at Wirth riding or running 2-3 times a week. Braemar is much closer to my home and I would use any trail system built regularly.	8/16/2017 11:42 AM
42	Not applicable for me	8/16/2017 11:41 AM
43	I would like mountain bike trails	8/16/2017 11:31 AM
44	Do not lose the ridge trail on the east side of the park!! For winter The current (except winter '16-17) multi-use winter groomed trail serves many of these needs - walking, running, cross country skiing. Snowshoeing can be done across the native grounds. Do not fully pave walking/running/hiking trails - keep them gravel, mulch, etc. not pavement!!	8/16/2017 11:26 AM
45	This is a huge area of untapped park land that should be developed with those of us who walk,bike & xx-ski in mind. We finally got a decent nature trail in that area with the 9 mile creek path - but it would be nice to have an option that isn't just a flat trail.	8/16/2017 11:07 AM
46	three million dollar cross country skiing plan? Got shut down, right?	8/16/2017 11:04 AM
47	I love mountain biking and I'd really appreciate it if we had a good trail in Edina. My high school team always has to ride or drive far away for practice.	8/16/2017 11:00 AM
48	Again, current weather conditions make natural snow unreliable For snow-dependent activities. Paths need to accommodate that.	8/16/2017 10:50 AM
49	Mountain biking would be the priority	8/16/2017 10:44 AM
50	I ride with Edina MTB and personally 3 days a week. I skate ski in the winter 3 times a week. It would be great for me personally and for the kids to not have to travel as far for single track and xcounrty skiing.	8/16/2017 9:51 AM
51	None	8/16/2017 9:50 AM
52	Of the options, summer mountain biking would be first; they cost less to maintain than cross-country trails, and there are plenty of places to walk/run in the city. There are currently no single-track mountain bike trails, and interest in the sport is growing immensely	8/16/2017 9:50 AM

Braemar Park		
53	Braemar is a wonderful place to "take in" nature, from the golf course and the trail thru the woods. It would be fantastic to have a Mountain Biking trail where Edina Residents of all ages could participate in riding the trails. There is enough space and topography to support a very nice trail system through the wooded areas of Braemar. This type of amenity would be a big addition to our wonderful city, and bike riders would be able to more safely access a real Mountain Biking trail without having to bicycle across many, many busy city streets to get to a legitimate trail system. Thank you for considering my thoughts.	8/16/2017 9:26 AM
54	I'm sure this will never happen but horseback riding is my choice. I'm so tired of having to go to Jordan or farther just to ride. I don't golf or bike or ski, I ride. When there was some mention of it at Fred Richard's, a concern was smell. Really??? Just how many walking trails do we need? How about something different, unique and interesting and something that would make Edina stand out from the crowd.	8/15/2017 1:53 PM
55	Keep it as natural as possible	8/14/2017 7:01 AM
56	having a walking/hiking/running trail would be a great addition to the area without cause for excessive noise, traffic, environmental impact or upkeep. Winter skiing or snowshoeing would be great use of open space. Absolutely NO to ski trails through woods or tubing hill as previously proposed for area.	8/13/2017 11:22 AM
57	Groomed trails for skiing - but keep dogs & walkers off. Give them separate Trail please!	8/11/2017 9:51 PM
58	The yes's above denote what I would participate in but if the others are added or not I wouldn't really care. Without snowmaking the CC skiing would probably not really be something I'd do. Trails without snowmaking tend to not be very good.	8/11/2017 9:39 PM
59	I am all for every single one of these ideas BUT I am ESPECIALLY interested in the mountain biking trails!	8/11/2017 8:46 AM
60	Winter does not require Fat Tire biking, nor does summer preclude using them. Mountain bikes work equally well on frozen trails as they do on dry trails. Fat Bikes do not prevent damage on muddy trails, nor do mountain bikes. it's just good judgment and caring about the trails you use.	8/11/2017 8:13 AM
61	Mountain bike trails would be amazing to have at braemar and very beneficial.	8/10/2017 9:48 PM
62	I think the Braemar Club house should be replaced with a building like Rush Creek...beautiful club house & facility. I think the space is under utilized and doesn't capture the beautiful landscape. I would encourage the city to add a fireplace for the winter. I also think you could add fall golf lessons & leagues for students in theidfke school...	8/10/2017 6:45 PM
63	I would love a space for winter snowshoeing and cross-country, as well as a running/walking path.	8/10/2017 3:08 PM
64	I'm 71 years old	8/10/2017 2:25 PM
65	None--use City money to fix roads and Braemar Ice Arena	8/10/2017 1:23 PM
66	More trails for running and walking!	8/10/2017 12:05 PM
67	Can't the cross country skiers and snowshoers just ski and walk on the golf course? Do they need a special area?	8/10/2017 11:58 AM
68	I don't see how you put in mountain biking and keep it safe for the rest of us. Would like to see a playground as this side of edina has nothing.	8/10/2017 10:53 AM
69	I appreciate the groomed trails during the winter on the golf course - it's a fantastic way to get outside and walk somewhere other than the icy sidewalks.	8/10/2017 9:40 AM
70	Recommend a tie-in for bike / jogging to the wonderful 9 mile creek trail now under construction	8/10/2017 9:39 AM
71	Just make the cross country ski trail on the golf course. No need to chop down wonderful oak trees.	8/10/2017 9:21 AM
72	If you go ahead with any biking trails they have to be completely separate from any hiking or walking trails for safety reasons	8/10/2017 9:15 AM
73	why mountain biking and not just regular biking like most Edina residents would want to do with their family and kids? regular biking is SAFER and more appealing.	8/10/2017 9:12 AM
74	There should definitely be a trail that goes around the circumference of the entire park.	8/10/2017 9:10 AM
75	Not considering machine made snow is a mistake. Man made snow would have allowed for sales of trail passes which could have been a good revenue generator for the park.	8/10/2017 9:08 AM

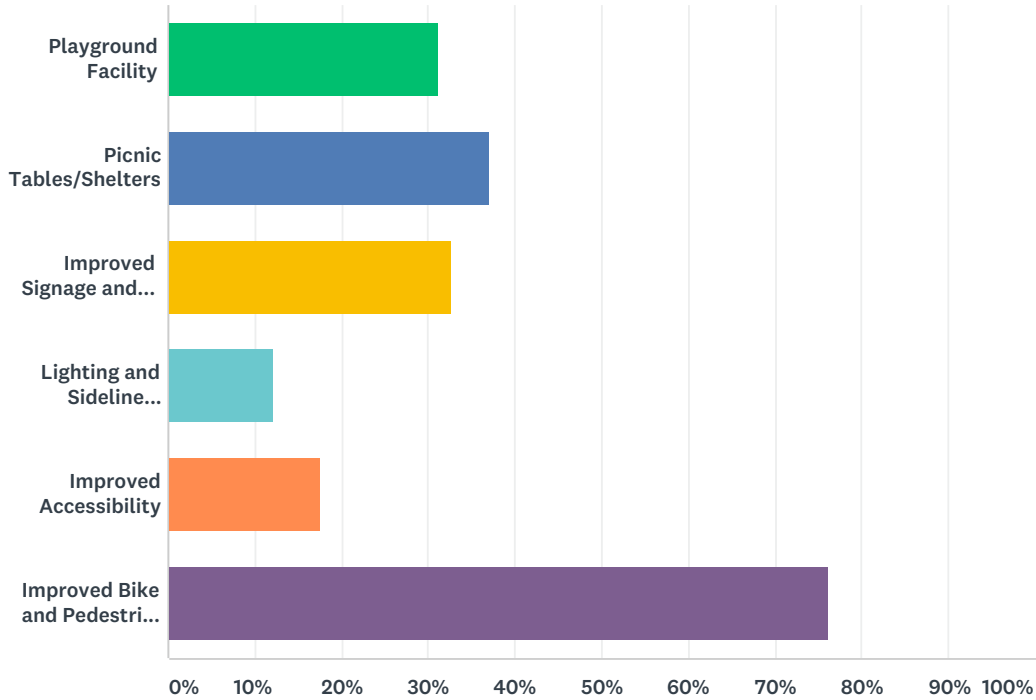
Braemar Park		
76	Dog walking trails...winter and summer...so some open areas for the dogs.	8/10/2017 8:59 AM
77	Winter trails with snowmaking	8/10/2017 8:51 AM
78	Winter running and walking trails would also be great!	8/10/2017 8:47 AM
79	The more different people we can serve the better!	8/10/2017 8:04 AM
80	I do think there could be more development of this area but I don't want it over done. Edina needs to slow down its spending on development right now its CRAZY! I really think the biggest problem which could be solved in this area would be development of sidewalks/trails for pedestrians.	8/10/2017 7:55 AM
81	It's a golf course... don't you get it. Snowshoeing would be fine but we don't need city involvement. Just stay out. Work on the airport traffic noise. Something the City council really screwed up on while they were building bike paths. 400 planes at least fly over our homes a day. It is like they are flying thew our living room and so much for outdoor living. There's one right now. Any paths you have would be bombarded with airport traffic noise.	8/10/2017 6:49 AM
82	Mountain bike trials are badly needed to help support one of the fastest growing edina high school and areas sporting clubs. Not only would it support our kids teams (best in state) but also attract many near by teams and bring many more customers to Tin Fish and other local establishments. There are very few mountain bike trails in the west metro. Please help bring one to edina	8/10/2017 6:11 AM
83	Please on mountain bike trails. Would be great use of lots of areas that would not be great for other uses. And could be done in very sustainable way.	8/10/2017 4:41 AM
84	It is so disappointing that there are no trails in Edina. This would be amazing for the mountain biking team.	8/9/2017 10:47 PM
85	all of the above would be great!	8/9/2017 9:18 PM
86	Sledding, there is that ice little hill that the kids in the area already use.	8/9/2017 9:16 PM
87	Trails for snowshoeing or X country ski should be fairly flat with reasonable cost.	8/9/2017 8:50 PM
88	We have options for the other activities in the Edina area, but not mtn biking. We currently have a High School team that has grown every year and is currently at 70 riders. This just shows how much interest there is for mtn biking in Edina. Our team is also the 2016 State Champions ... so it would be nice to have a safe/local trail to train on.	8/9/2017 8:43 PM
89	I'm unsure about biking because whatever is put in place shouldn't be at the expense of hikers/runners. If these activities can exist together, that's great. I'm supportive of skiing and snowshoeing as it exists today - no snowmaking unless it's portable snowmaking such as the high school uses. The temps in January are rising - it has rained in January for several years in a row. The city should promote activities that do not contribute to global warming and shouldn't try to have a major snowmaking operation - winter no longer stays cold enough to justify snowmaking.	8/9/2017 8:18 PM
90	Any cross country skiing at Braemar should be ungroomed. Hyland has all the best snowmaking/grooming for skiing AND the infrastructure to run the program (season passes, ski patrol, warming house, etc.). They are so close, let's leave groomed skiing to them.	8/9/2017 7:55 PM
91	add a disc golf course	8/9/2017 7:33 PM
92	I would love single track mountain biking. I might consider classic xc skiing through trees. But have no interest in wide ski lanes that are machine made.	8/9/2017 7:33 PM
93	I'd like to see a shared biking and skiing trails and snow shoe trails, but walkers/hikers/runners can do a lot of damage to these trails if they use the trails when they are wet. This is why I am unsure of walking/hiking/running trails	8/9/2017 7:17 PM
94	I enjoy mountain biking a lot, but I currently have to bike about 10 miles to get to the nearest trails (Theodore Wirth). I live on Rosemary Ln., which is very close to Braemar and if there were legitimate mountain biking trails I would use at twice every week.	8/9/2017 7:15 PM
95	I would LOVE to see Braemar serve the area better in the winter with rentals for all kinds of winter sports. It is NOT JUST GOLF.	8/9/2017 7:04 PM
96	Cross country skiing as long as there is no snow making involved.	8/9/2017 5:36 PM
97	Avid outdoorsman. Personally value trails.	8/9/2017 5:28 PM
98	If it can be done with minimal expense to tax payers	8/9/2017 4:21 PM

Braemar Park		
99	Please please please put mountain bike trails in. What a win win for our community...especially our children!!!	8/9/2017 4:03 PM
100	There are plenty of places in the area to xc ski and snow shoe. Mountain bike trails should be a priority with our high school team and the lack of mountain bike trails in the area	8/9/2017 2:58 PM
101	My first choices would be summer mountain biking and winter cross country skiing.	8/9/2017 2:30 PM
102	I would be open to cross country skiing if it did NOT involve making snow.	8/9/2017 2:21 PM
103	All of the above would be nice, but if options are limited, I give preference to the ones I marked Yes. I do participate in all of the activities you listed.	8/9/2017 2:09 PM
104	Keep natural wetlands Mountain biking would ruin terrain and woods	8/9/2017 1:28 PM
105	I have no general problem with snowshoeing and cross country skiing but object to a significant outlay of public funds and also do not want snow and ice scattered on nearby streets and driveways as a consequence of trail grooming.	8/9/2017 1:16 PM
106	Biking would be ok if it could be segregate from the other types of traffic.	8/9/2017 12:26 PM
107	Biking and walking trails need to be completely separate.	8/9/2017 12:23 PM
108	None. The space is nice as is.	8/9/2017 12:12 PM
109	Dogs allowed on leash on trails!	8/9/2017 11:45 AM
110	I am in favor of adding Mountain and/or Fat Tire Biking, but experience at other venues cautions me that these trails must be dedicated and not also be used for walking, hiking or skiing. There is no question of the dangers inherent in mixing bikes with trail users on foot or skis. Regarding XC Skiing, I believe that in the long run adding some type of snowmaking is the only solution to provide a reliable and enjoyable skiing experience for most residents.	8/9/2017 11:37 AM
111	I have skied many times on the "old" golf course. Think a defined trail would be good. There is adequate parking.	8/9/2017 11:18 AM
112	The best possible use of terrain is for mtn biking trails on the east and west ridgelines and connector trails on north and south. Fat tire biking can easily use any summer mtn bike trails. There should be big loop around entire park that people can walk and ride on. The southern part of park where old golf course abandoned should be nature trails. The cross country skiing should use the edges of the golf course with no artificial snow making and stay out of hills where mtn biking is. The only sport that can really benefit from this plan is mtn biking. This is our opportunity to get our playing field, rink, stadium etc like all the other sports at Braemar. Mtn biking is rapidly growing in popularity and the Edina team just won the state championship last year. A good design allows other trail users but doesn't interfere with mtn biking	8/9/2017 11:09 AM
113	Consider lighting that is just two foot poles along trails for night time use. They wouldn't impact the neighbors and night skiing is beautiful.	8/9/2017 10:52 AM
114	I do not want the natural beauty of the park changed to accommodate these unneeded changes. There are plenty of options available for those activities including Hyland, 9 Mile Trail, etc. These changes would require lighting or snow machines that would adversely impact our neighbors and property values.	8/9/2017 10:38 AM
115	Walking trails with benches for rest with small children. Playground structures.	8/9/2017 10:34 AM
116	I don't want lighted trails or artificial snow making. I want to see trails that are minimally invasive and disruptive. Keep it natural.	8/9/2017 10:20 AM
117	I'd love to see a climbing wall for older kids/teens: it could be used as much as 9 months out of the year because we don't have a lot of snow, ice or brutally cold weather anymore.	8/9/2017 10:17 AM
118	Please have summer and winter. Please have better connectivity to the park via trails	8/9/2017 10:15 AM
119	Archery range	8/9/2017 10:13 AM
120	would love to see managed fishing opportunities throughout the city -- when I was a kid, we could fish for northern pike in braemar ponds/lakes	8/9/2017 10:05 AM
121	Fat tire biking too obscure.	8/9/2017 9:57 AM
122	All of these programs would be well-used at Braemar	8/9/2017 9:55 AM
123	winter hiking as well	8/9/2017 9:54 AM

Braemar Park		
124	Why does the City of Edina keep asking about snowshoeing in their surveys? There is seldom enough snow to ever warrant someone needing snowshoes to walk in snow. This is a mythical dream that the City keeps asking about.	8/9/2017 9:50 AM
125	do not want to see any of the green space taken out. It's beautiful as it now. A walking trail is all that is needed and would leave most of the space natural and untouched	8/9/2017 9:46 AM
126	I am for almost anything that isn't invasive. No significant deforestation (except buckthorn).	8/9/2017 9:42 AM
127	Make use of the golf course property year round!	8/9/2017 9:41 AM
128	We could use a 1st class summer/winter single track biking trail.	8/9/2017 9:40 AM
129	Minimize trail effect on natural landscaping and wildlife, keep the neighborhood and the park quiet and peaceful! Also, minimize the costs associated with maintaining trails.	8/9/2017 9:40 AM
130	These would all be a tremendous draw and would attract fit, loyal recreationists to be stewards and advocates for the park	8/9/2017 9:40 AM
131	Why can't "leave it as it is" be an option? Why must every there be a plan for every inch of Braemar?	8/9/2017 9:36 AM
132	Would love to see cross-country skiing and snowshoeing on the golf course to use that land in the winter but with no lights so the neighborhood isn't disturbed.	8/9/2017 9:36 AM
133	I would be most excited about Summer Mountain bike trails. I use trails through the woods in the area as it is, but would love to see them maintained and expanded.	8/9/2017 9:33 AM

Q3 What types of new amenities or improvements would you like to see at Braemar Park? (check all that apply)

Answered: 695 Skipped: 37



ANSWER CHOICES		RESPONSES
Playground Facility		31.08% 216
Picnic Tables/Shelters		37.12% 258
Improved Signage and Wayfinding		32.66% 227
Lighting and Sideline Fencing Improvements on Premier Ball Field		12.09% 84
Improved Accessibility		17.55% 122
Improved Bike and Pedestrian Trail Circulation		76.12% 529
Total Respondents: 695		

#	ADD COMMENTS	DATE
1	I think it could be fun to add lawn bowling	8/30/2017 2:46 PM
2	We have a lot of other parks, which is AWESOME- make use of the nature you have!	8/30/2017 9:46 AM
3	I really like it as is. I sometimes use the trail that starts by the golf dome and works its way by the maintenance shed and behind the course. It's very natural and unobtrusive. I would not like to see the area developed into anything more, it's not needed and would only attract unwanted non-Edina users.	8/23/2017 4:08 PM
4	Nothing more(it required an answer, but not really)	8/23/2017 3:35 PM
5	N/A	8/23/2017 11:22 AM

Braemar Park		
6	The circulation trail is incredibly important and supports what Edina is trying to do with increasing it's pathways. There isn't a safe way for families to travel along Braemar Parkway/Valley View/McCauley trail to utilize Tin Fish, the golf course, the fields, ice rink, etc...	8/23/2017 9:58 AM
7	Similar to the past comment. I would like to see a reduction in property taxes in stead of improvements to the parks.	8/22/2017 8:09 PM
8	None don't waste my tax money on another EdiNA park that won't be used	8/21/2017 8:40 PM
9	same comment as previous	8/21/2017 5:02 PM
10	We need a playground for young children/grandchildren!!	8/21/2017 2:22 PM
11	Your forced field answers do not allow a none of the above response	8/21/2017 12:01 PM
12	Basketball courts	8/21/2017 10:27 AM
13	Only natural surfaces, narrow width, single lane. No nighttime lighting!!	8/21/2017 8:50 AM
14	A snowmobile trail around the perimeter of the park.	8/20/2017 7:04 PM
15	I have no desire to choose any of these options but I have to pick one.. I have no kids and don't need a playground. Picnic Tables will create trash problems.Improved signage might be worthwhile but its a vague question. Not familia with Braemar Field. I'm unfamiliar with Accessibility issues. And I don't want bikers or pedestrians around the golf course.	8/19/2017 2:30 PM
16	Pickleball courts added	8/19/2017 10:55 AM
17	Off-lease dog park or trails	8/19/2017 6:51 AM
18	cross country ski trails with snow making; re-opening of the outdoor shooting range, paved roller ski trails	8/18/2017 11:44 AM
19	None	8/17/2017 9:03 PM
20	I would love to see cross country ski trails. It would be wonderful with the nearby parking lots you already have--safe and handy.	8/17/2017 2:17 PM
21	none	8/17/2017 10:02 AM
22	Disc golf course	8/17/2017 9:35 AM
23	A great short golf course	8/17/2017 8:30 AM
24	Is there room for a fenced dog park. I am not aware of anything close by.	8/17/2017 7:37 AM
25	Nothing needs to be added to Braemar Park.	8/17/2017 7:16 AM
26	Not interested in more parks or ball fields. I am not interim any of these but your survey requires a check mark. Unbelievable.	8/17/2017 6:58 AM
27	Separate pedestrian trails.	8/17/2017 6:03 AM
28	I would like minimally invasive (to nature) plans. no cutting down of trees or impinging on wetlands, etc.	8/16/2017 6:35 PM
29	IF you put in picnic shelters you'll need to manage the registration and the waste produced. Richfield has this at Veterans Park. Ask them how it is working for them.	8/16/2017 4:35 PM
30	Plenty of other area parks offer playground, picnic, and playing field accommodations. However, there are no current accommodations for mountain bike single-track trails, and this is a real gap and need in our parks system.	8/16/2017 3:35 PM
31	None of the above, including the box I had to check in order to continue on to the next page of the survey.	8/16/2017 3:29 PM
32	Extended hours of tin fish	8/16/2017 1:29 PM
33	I can't answer the question as I really do not use the park very much in its current state.	8/16/2017 11:43 AM
34	Not applicable for me.	8/16/2017 11:42 AM
35	Off leash dog area	8/16/2017 11:27 AM
36	Connect walking and golf paths for complete and expansive path network.	8/16/2017 10:51 AM

Braemar Park		
37	Having used every playground in Edina, and most picnic shelters, I'm confident that they are underutilized, and new amenities at Braemar are not necessary	8/16/2017 9:51 AM
38	None, leave area undeveloped!	8/15/2017 10:46 PM
39	None. (It forced me to pick one.) Keep it as natural as possible	8/14/2017 7:02 AM
40	Parking lot near arena/ ball fields can get congested and unsafe. better access and safety much needed. Making more use of area just south of arena/ golf dome for additional amenities would be great addition to area.	8/13/2017 11:24 AM
41	Please keep trails 'natural' with wood chips or gravel instead of pavement	8/12/2017 2:29 PM
42	Single track trails for mountain biking	8/12/2017 9:58 AM
43	none no improvements are needed. Just maintaining the park. This survey does not allow you this option.	8/12/2017 7:17 AM
44	We lived two blocks from the Gleason/Braemar trail for two years before we realized it existed and was open for hiking - signage would be great. It does seem to us that playgrounds and bike trails are two things our part of Edina really lacks compared to similar suburbs. From our spot on Hyde Park Lane a playground is really too far away. It seems especially that with all those sporting places that a good trail to them would be obvious.	8/11/2017 9:43 PM
45	These options do not address the needed amenities and improvements.	8/11/2017 1:38 PM
46	Please retain the natural look of the property with whatever happens.	8/11/2017 9:34 AM
47	Braemar Park?	8/10/2017 7:52 PM
48	speed limits on Hilliary Lane and Braemar Blvd enforced so those using the parking area for recreational activities are not speeding to arrive 'on time' for tee times and other time sensitive activities. I did not check any of the choices because I am not in favor of any of the so called improvements	8/10/2017 6:59 PM
49	Town ball park with real seating & a shelter over the seats would be a nice addition... It's difficult for elderly & disabled to get up & down the hill from the parking lot....	8/10/2017 5:01 PM
50	As a grandmother, I believe it would be a good thing to have a nice playground facility for little ones that come with family to be there for older siblings, etc. We were at St. Louis Park ballpark and they have a very nice playground adjacent to the ball diamonds.	8/10/2017 4:30 PM
51	More outdoor exercise opportunities for adult Edina residents.	8/10/2017 3:09 PM
52	I like it just the way it is but improved trails would be nice	8/10/2017 2:27 PM
53	None--put city money to roads and repair Brae Ice Arena	8/10/2017 1:36 PM
54	Adding more trails will just increase parking and traffic on Gleason Road. Most people go to Bloomington Highlands Ski are to bike and ski. Don't increase traffic around Braemar! People already cut through during high traffic times. If you want to have structured classes or activities, that's fine, but there are already kids and people parking along Gleason making neighbors feel uneasy. If you want to do so, there needs to be a designated parking lot up by the golf course - not on Gleason.	8/10/2017 12:22 PM
55	I love the idea of adding playground equipment, especially for children under 10 years old.	8/10/2017 11:34 AM
56	More trees and wilderness. Maybe a nature trail with signage.	8/10/2017 11:16 AM
57	Area to the west of the course is great for hiking or biki g	8/10/2017 11:15 AM
58	Yes! To all! More sidewalks and bike paths!	8/10/2017 10:53 AM
59	I am assuming "premier ball field" refers to the large field at the Courtney complex?	8/10/2017 10:23 AM
60	Dog park area: Look at the Three Rivers Park at Spring Lake Regional Park-it is small and simple. Charge a fee to use it tied to the Van Valkenburg and post the same rules as Three Rivers does so bad dogs are kept out.	8/10/2017 9:28 AM
61	None. But I couldn't go on without putting an answer. Stupid	8/10/2017 9:22 AM
62	a beautiful walking trail	8/10/2017 9:18 AM
63	regular bike/walk trails	8/10/2017 9:12 AM

Braemar Park		
64	Ongoing Beanbag area in upper lot area. Or near braemar golf course- snacks outdoor burger hut with \$5 burgers and on going beanbag	8/10/2017 9:08 AM
65	Connections to regional bike trails as well.	8/10/2017 9:06 AM
66	Not sure, not familiar with the grounds as we don't golf.	8/10/2017 8:54 AM
67	Why are bike and pedestrian trails combined? I would love to see the walking trails completed but I do not want mountain bike trails.	8/10/2017 8:36 AM
68	Again, the more people that we can serve, the better.	8/10/2017 8:05 AM
69	I really think the park is nice but some additional low budget items could be added. We don't need to spend millions on bike trails and bike lanes. Braemer is still better then the majority of other communities.	8/10/2017 7:58 AM
70	STOP it right now. NONE. You require an answer. That is a rigged survey. Please disregard my answer. If you and the school wouldn't have destroyed green spaces on Park and school property we would have space there for "amenities". How long does it take to build Whimbleton? Rediculous.	8/10/2017 6:56 AM
71	A longer side walk reaching at least closer to the golf dome and arena	8/9/2017 9:16 PM
72	Mountain biking please :)	8/9/2017 7:56 PM
73	Open golf course	8/9/2017 7:36 PM
74	add disc golf course	8/9/2017 7:33 PM
75	Bike trails and fat bike trails please	8/9/2017 7:33 PM
76	It's been years since my kids used the field. I don't know anything about its current condition	8/9/2017 7:20 PM
77	While I do have small kids, I do NOT want Braemar to have a playground. One of the most wondrous aspects of the park is its natural beauty. My kids go and spend time looking for acorns. I love the break from a typical playground scene. Plus, Lewis Park is close enough and if it gets renovated soon (hopefully), then a playground area nearby will suffice.	8/9/2017 7:06 PM
78	I am not sure.	8/9/2017 6:38 PM
79	I would like to see american ninja warrior obstacles.	8/9/2017 5:10 PM
80	Off leash dog park Pickleball courts	8/9/2017 4:43 PM
81	Summer outdoor Concert Venue!	8/9/2017 3:51 PM
82	None	8/9/2017 3:23 PM
83	Safe running trail especially with a stroller	8/9/2017 2:39 PM
84	none of the above but it won't let me select NOTHING!!	8/9/2017 2:21 PM
85	It would be nice if it were easier to find out what the park offers. I knew of the golf and arena, of course, but was never knew if the other (woodsy) areas were available for use.	8/9/2017 2:11 PM
86	I think it is nice the way it is	8/9/2017 1:58 PM
87	As a disabled parent and grandparent, improved accessibility to fields and rinks is paramount. I am not able to walk nor walk long distances. More picnic and shelter areas would be extremely beneficial, too.	8/9/2017 1:30 PM
88	Winter activities. I loved the idea of cross country ski trails, which are lacking in our city. I also really liked the idea of creating a safe sledding hill. It is so hard to find fun, healthy, outdoor activities to do in winter and outside of hockey and ice skating Edina is short on those as a community. WE are loaded with great places to play (as people, not just kids) in the summer but lack options in the winter.	8/9/2017 1:18 PM
89	Outdoor drinking fountain	8/9/2017 1:16 PM
90	It is a pretty great facility. Isn't there already a playground by the dome, soccer fields and baseball fields? Better signage would be helpful.	8/9/2017 12:29 PM
91	27 holes of golf	8/9/2017 12:18 PM

Braemar Park		
92	I don't feel like we need playground- we have excellent playgrounds here inEdina already. It would be nice to have more natural trails for walking/hiking and bike trails for mtn biking. This type of trail is low impact on environment/ natural areas.	8/9/2017 12:17 PM
93	None. I don't want what I checked but the survey won't let me advance unless I check something. Poor methodology on the survey.	8/9/2017 12:14 PM
94	none	8/9/2017 11:50 AM
95	What about some sort of natural amphiheater for event, summer movies, concerts. "Movies in the Park" concept	8/9/2017 11:26 AM
96	Free play (non-leash) dog area, aka dog park	8/9/2017 11:20 AM
97	Splash pad	8/9/2017 11:18 AM
98	Nature trails on boardwalks on southern side where golf holes abandoned	8/9/2017 11:11 AM
99	We have enough signs everywhere and plenty of bike trails that are not used 9 months per year	8/9/2017 10:59 AM
100	Playground facility only in Courtney Fields area for siblings of soccer/baseball players	8/9/2017 10:56 AM
101	Braemar is just fine. Edina is truly blessed with an abundance of existing parks that meet these needs. Just in the Braemar neighborhood there are Lewis and Maguirre parks as well as Creek Valley facilities.	8/9/2017 10:40 AM
102	Family friendly grounds for games, frisbee and picnic grass	8/9/2017 10:36 AM
103	This made me pick something, but its good the way it is. We don't need more parks and amenities	8/9/2017 10:28 AM
104	Edina does not need more playgrounds. We have an incredible playground system. I really would like to see the Braemar woods kept as untouched as possible, with minimal trail improvements.	8/9/2017 10:22 AM
105	Along with an annual "Edina fest" featuring live music beverages along with food	8/9/2017 10:21 AM
106	i'd like to see a playground that has some fun things for older kids and young teens, not just ages 0-7; nice, clean restrooms	8/9/2017 10:19 AM
107	Safe pedestrian crossings especially at rush hour. Cars can drive fast through the area at rush hour.	8/9/2017 10:18 AM
108	Archery range	8/9/2017 10:14 AM
109	more shade for attendees -- also better netting to protect fans!	8/9/2017 10:06 AM
110	There are lots of playgrounds in Edina; very OK if the focus of Braemar was not on children < 10.	8/9/2017 9:58 AM
111	post golf course construction, resuming the groomed trails in the winter	8/9/2017 9:56 AM
112	nature trail..."none of these" should be a acceptable response to this question.	8/9/2017 9:55 AM
113	The City needs a second picnic shelter of adequate size other than the one at Roseland Park. I am not sure where a good location that is accessible to parking would be at Braemar. There is one proposed at Fred Richards but where the picnic shelter and grilling area are located there is not enough land area for an adequate picnic shelter and playground area.	8/9/2017 9:54 AM
114	I'd like year round covered tennis courts!!! There is nowhere in Edina to play tennis during the long winter.	8/9/2017 9:51 AM
115	Pedestrian trail improvement, no extra bike improvement or signage	8/9/2017 9:48 AM
116	I'm a runner/walker/etc... and I would like to see clear connectivity of the existing trails so I can run Braemar with my family. We live nearby on Valley View.	8/9/2017 9:43 AM
117	It would be really great to see more family facilities i.e. playground around the clubhouse at the golf course. We love going to Tin Fish and would like more for the kids to do there before and after lunch/dinner other than hit balls. Something simple like Chaska Town Course has.	8/9/2017 9:42 AM
118	Anything that enhances trail use and preserves oak savanna/forest from buck thorn invasion	8/9/2017 9:42 AM
119	A food destination is crucial, Tin fish has been the only reason I go to the golf course. If there was a destination nestled with great atmosphere it would be something my family and I would frequent. Just as we tend to go to Lake Harriet for Bread & Pickle and Lake Nakomis for Sandcastle.	8/9/2017 9:42 AM
120	Currently, tour buses and parents coming to play baseball cannot find Courtney Fields.	8/9/2017 9:41 AM

Braemar Park		
121	Outdoor amphitheater for music and movies/more concessions/ice cream/snacks/etc.	8/9/2017 9:41 AM
122	* I only checked a box because I had to to complete the survey. I don't think any new amenities or improvements need to be added.	8/9/2017 9:38 AM
123	restroom facilities	8/9/2017 9:34 AM

Braemar Park

Q4 Additional Comments/Suggestions

Answered: 228 Skipped: 504

#	RESPONSES	DATE
1	Fix the roads around Braemar Nothing but potholes	8/30/2017 5:16 PM
2	Lawn bowling	8/30/2017 2:47 PM
3	Had no idea there were even trails there.	8/30/2017 9:47 AM
4	I would love to have a groomed 5k cross country ski trail that support both classic and skate skiing with lighted trails for late afternoon/early evening skiing. In addition, some kind of warming house for skiers. I would use this facility multiple time per week if available. In the fall it would be great if EHS could host a cross country running meet at Braemar Park. There are nearly 300 middle and high schools students who participate in cross country every year and it would be a great showcase to host a meet in Edina. Braemar or Fred Richards would be ideal locations to host such an event.	8/28/2017 9:41 PM
5	- The winter rec proposal was good - is it dead? Create a safe place for winter sledding & tubing for kids, even if no tube rental. - I really like The Tin Fish at the golf course, and encourage the city to expand similar-quality food choices across other sports facilities.	8/28/2017 9:59 AM
6	Mountain bike trails are few and far between (as far as in the metro area goes) and most must be driven to. As someone from the Breinar area, the closest trails are about a 25 minute drive away. If Breinar would be willing to make mountain bike trails a feature of the area not only would I be able to ride to them, I would volunteer to help with upkeep and bring friends and family with to enjoy them. In addition, there is a group (Minnesota Off Road-Cyclists or MORC https://www.morcmtb.org/) That may also be interested assisting in something like this.	8/24/2017 11:45 AM
7	I live walking distance from Breamar, and have two little kids. I would love to have more options for outdoor use for the kids: biking, playgrounds, tubing.	8/23/2017 10:47 PM
8	Please keep development and monetary expenditures to a minimum.	8/23/2017 4:08 PM
9	Nothing	8/23/2017 3:35 PM
10	The biggest difference we have noticed since moving from the Lake Harriet/SW Minneapolis area is the walk-ability. When you attempt to go for a walk in most of the neighborhoods in the area you are constantly walking on a road with no shoulders, sidewalks or designated lanes. This is very nerve racking while pushing 2 young kids in a stroller. We would love to see a continuous, well lit, paved trail all of the way around Breamar so you could walk a 2-3 mile loop around the golf course without feeling like you are playing chicken with traffic. Ideally it would be one large circle around the property parallel to Hilary lane/Breamar Blvd., continue behind the business's on W 78th street (or at least a paved trail connecting to the 78th street sidewalk, anything to avoid walking on the 169 frontage road and Breamar Blvd by the arena) and either through the wooded area to the east or connecting to Gleason road which has a sidewalk connecting back to the golf course/Dewey Hill Road sidewalk system. Thank you!	8/23/2017 2:42 PM
11	Walking trails Bike paths Xcountry skiing	8/23/2017 12:25 PM
12	Wildflowers	8/23/2017 11:22 AM
13	Beautiful walking path similar to what you would find around a lake is something that Edina is missing. This would draw people to the area and the park. For a playground, is there a way to incorporate a splash pad/water feature to the playground? Again, something Edina is missing and perfect for kids in the summer waiting for their sibling to finish with baseball on hot days or for families to do and then go to Tin Fish for lunch or dinner	8/23/2017 10:01 AM
14	Lower property taxes. Over the past 20 years, the value of the homes in Edina has gone up significantly. This means that you are receiving significantly more tax revenue. Instead of just spending this money because you have it, lower property taxes.	8/22/2017 8:11 PM
15	The trails that are being suggested at Braemar Park will likely see a lot of use! There are not many other options, those that do exist are extremely busy.	8/21/2017 4:39 PM

Braemar Park		
16	There is a lot of buckthorn in the area. At some point will there be an effort to remove this invasive species? Homeowners trying to eliminate it from their property have seeds redeposited by birds when there are other trees nearby.	8/21/2017 4:10 PM
17	Keeping the natural areas, undeveloped.	8/21/2017 4:01 PM
18	I would love to see an off-leash area. I walk my dog around he Braemar area and it would be nice to have an area to let him run before calling it a day.	8/21/2017 3:33 PM
19	Pickleball	8/21/2017 2:49 PM
20	Something that converts into a sledding hill would be fun too!	8/21/2017 2:23 PM
21	Do not want increased traffic volume	8/21/2017 12:01 PM
22	Go "all in" and ban cars from Edina completely. That's the long term goal of high density housing everywhere, isn't it?	8/21/2017 10:25 AM
23	Like to see nature hiking trails	8/21/2017 10:22 AM
24	I would like to see some single track mountain bike trails incorporated in the plan.	8/21/2017 10:21 AM
25	I really like the covered walking at Braemar for winter walking.	8/21/2017 10:12 AM
26	There used to be snowmobile trails in the suburbs, but they have all disappeared in the last 25 years. It's a popular winter activity. If we can justify dedicating car lanes on streets to bicycles, why don't we have a trail that can be used by snowmobiles in the winter?	8/20/2017 7:07 PM
27	a few pickle ball courts with lights would be great!	8/20/2017 6:27 PM
28	Improve golf chipping area	8/20/2017 1:18 PM
29	Maps, information, and bike trails	8/20/2017 11:14 AM
30	Croquet, Lawn Bowling, Ladder Ball, Bean Bag toss, Badmitten Courts, Mini golf.All with rentals available.	8/19/2017 2:36 PM
31	Off-lease dog park or trails	8/19/2017 6:51 AM
32	Please do not invest in alpine skiing. I worked at Afton Alps for 35 years part time and it is not easy to come out close to even on operating budget. Golf in the twin cities is hard enough.	8/18/2017 6:58 PM
33	Golf Course - happening.	8/18/2017 12:20 PM
34	The biggest opportunity for Braemar is to move the public works cold storage out of the south west area and develop that corner as a cross country ski hub with snow making. Paved trails could be used for roller skiing in the summer and covered with snow for winter use. A range would add biathlon to the sports opportunities at a time with shooting sports are growing dramatically. Less golf.	8/18/2017 11:46 AM
35	Gun range	8/17/2017 9:03 PM
36	Go big - Outdoor bouldering.	8/17/2017 5:52 PM
37	Mountain biking trails.	8/17/2017 3:41 PM
38	Maintained cross country ski trails of different levels would be such a nice asset for Edina-- something we are lacking currently.	8/17/2017 2:19 PM
39	If trail areas are made, i would be most concerned with an encroachment onto the golf facilities. Keep hikers, dog walkers and mountian bikers off the course with clear signage	8/17/2017 10:07 AM
40	Please put in Mountain bike trails	8/17/2017 10:00 AM
41	How about another 9 holes of golf	8/17/2017 9:41 AM
42	I would like an outdoor cafe/eating area for golfers and others to enjoy in the summer and fall. Walking trails, if safe from stray golf balls, would be a nice addition to the park, and could be used through all seasons.	8/17/2017 9:35 AM
43	The Academy 9 needs improvement. For the price you are charging it is not in good condition. Even the motorized cart situation is not set up well for handicapped persons.	8/17/2017 9:24 AM
44	Pickle Ball Courts and/or Dome!	8/17/2017 9:09 AM
45	Retain, not destroy, nature.	8/17/2017 9:01 AM

Braemar Park		
46	Don't overwhelm the golf facilities with non-golf activities. Note the Theodore Wirth fiasco as an example of what not to do.	8/17/2017 9:00 AM
47	Improvements appear to be positive. Hopefully the maintenance/conditions are maintained at a high level. Primarily concerned with the golf course conditions. The city made a big financial commitment to the golf course and will need a strong maintenance program to make it a worthwhile venture.	8/17/2017 8:55 AM
48	N/A	8/17/2017 8:48 AM
49	A great short golf course	8/17/2017 8:31 AM
50	Please do not put frisbee golf in the golf area	8/17/2017 8:11 AM
51	Fred Richards: Bean Bag Toss, Lawn Bowling	8/17/2017 8:11 AM
52	Outdoor rifle and shotgun range. So metro range open more times of day.	8/17/2017 8:03 AM
53	Expanded golf practice areas. - Pitching Greens - Bunkers for Practice	8/17/2017 8:02 AM
54	Lighting is an eyesore at night. If playground is voted for by majority, earth tones preferred over bright colors which are an eyesore in nature.(enough parks nearby that playground is not necessary.) Maybe some smooth blacktop paths for rollerblading would be very nice! A bathroom/drinking fountain for runners?(I often stop at the golf bridge to get water on my runs or bike rides) Maybe redo the bumpy sidewalk next to road?	8/17/2017 7:53 AM
55	mountain bike trails	8/17/2017 7:38 AM
56	Dog Park	8/17/2017 7:37 AM
57	Mountain biking and cross country ski trails!	8/17/2017 7:34 AM
58	Braemar Park needs nothing added to the small area you are asking about. All your "ideas" are just a waste of dollars that could be used else where. Schools, road repair, stop signs at dangerous intersections .	8/17/2017 7:20 AM
59	Enhanced golf instruction academy; a Top Golf facility	8/17/2017 7:01 AM
60	Bluebird houses	8/17/2017 6:50 AM
61	possibly a biffy as far away from the clubhouse as possible, for those people who are walking or cross country skiing. but not a wooden shelter with running water bathrooms like you have done in edina parks. more like at lake harriet, just a portable potty.	8/16/2017 6:36 PM
62	Placing a playground near the ball fields used for the youngest ball players helps parents manage their children. It makes it a fun day for everyone. The best place for a playground is near running water and toilets. This helps families with potty breaks and diaper changes.	8/16/2017 4:38 PM
63	I ask that all changes to existing park be limited to the 18 hole side of the park. Any changes to the executive course beyond what has already transpired, will reduce our home values, increase our fears of crime, and increase our crime activities, as well as invade wetland areas and land backing up to homes.	8/16/2017 4:13 PM
64	Quiet. Low light. No snow making. Improved hiking options would be awesome.	8/16/2017 4:09 PM
65	Edina has been replacing sewage pipes and roads in many neighborhoods and assessing every neighbor in the block \$14,000 or more to do so. This is a burden on any family. I know people that are putting liens on their house because they are on a fixed income and can not pay that large amount upfront. I would rather see all this money you plan to spend on new fun but unnecessary projects, instead put toward fixing our necessary infrastructure where needed. If there is money left over, great, put it toward a fun project.	8/16/2017 3:40 PM
66	Mountain bike single-track trails.	8/16/2017 3:36 PM
67	Pickleball court?	8/16/2017 2:29 PM
68	I heard about creating a trail riding track throughout the Breamar area and I think that is a great idea and I would use it a lot.	8/16/2017 2:00 PM
69	Trail connection, winter park amenities, extended hours to build reliability on a restaurant in the area to include in recreational plans. Safer walking trails along curve roads. Picnic shelter and play structure would be a nice asset to the area	8/16/2017 1:30 PM

Braemar Park		
70	I am only interested in golf related spaces at Braemar Park. However, I would like to take this opportunity to make a statement about the smoking ban on Braemar golf course. I am opposed to the ban and would ask the course management and the City of Edina to reverse the ruling and allow smoking on just the course; not on the driving range or putting/chipping areas. Thank you. Thomas Wilson	8/16/2017 12:05 PM
71	If construction of facilities is in the plan it would be nice to have a few rooms that could be used/rented at low cost (like at Arneson Park) for meetings and small gatherings...30-40 people.	8/16/2017 11:53 AM
72	Seperated bike trail access in and out of Braemar	8/16/2017 11:40 AM
73	Additional walking/hiking trails would be well used.	8/16/2017 11:34 AM
74	I would like there to be mountain bike trails there please I am on the Edina mountain bike team	8/16/2017 11:32 AM
75	We use the existing trails almost daily year-round in and around the golf course. We want to be able to continue to do so and not lose access to our main source of exercise for ourselves and pets.	8/16/2017 11:29 AM
76	I loved the idea of tubing hill	8/16/2017 11:17 AM
77	Thank you for reminding me that Braemar Park is there and is a great facility and resource. It is kind of far from where I live in Edina, but last year I really enjoyed going there several times.	8/16/2017 11:06 AM
78	I liked the original vision of sliding and skiing pareas using manufactured snow. Too bad fears got in the way of a well-thought out city vision.	8/16/2017 10:55 AM
79	You have a great opportunity to take advantage of the hilly, wooded terrain around the periphery of the golf course to do some low-impact trail building for hiking and mountain biking. There is ample parking near the club house and supporting additional recreation in the area would create more business for the Tin Fish. It's frankly a bit silly that Edina does not yet have any resources of this type. If Edina officials have any concerns about the possible impact of such activities, they should head over to Murphy-Hanrehan on a weekend morning to see what the trails are like (beautiful) and what the users are like (harmless). Most of the trail users are just suburban dads hanging on to their youth.	8/16/2017 10:26 AM
80	Bathrooms on the golf course and on the trails.	8/16/2017 10:21 AM
81	Mountain Biking is the fastest growing sport around the country for people of all ages and is an outstanding family experience. I just got into it 4 years ago (I am 52) and I love it! We even plan our vacations around the possibility of biking. Thank you.	8/16/2017 10:19 AM
82	Skate skiing and MTB single track would help keep citizens active in the summer and winter.	8/16/2017 9:53 AM
83	I think the addition of a Mountain Biking trail system would also increase business at the TinFish concession. It would probably be a good idea to add a bike rack outside the restaurant.	8/16/2017 9:28 AM
84	I believe that that all areas do Not need to be developed. Just leave the area alone!	8/15/2017 10:46 PM
85	Horseback riding. Also, a better job of publicity regarding exactly what facilities, activities and amenities are available at Braemar. I don't golf so rarely go near it.	8/15/2017 1:56 PM
86	Mountain bike trails!	8/15/2017 7:08 AM
87	Keep it as natural as possible with trails that would minimize impact to nature.	8/14/2017 7:03 AM
88	cross country skiing since the city destroyed what we had used for years	8/13/2017 12:10 PM
89	I really want to see Braemar be better utilized for winter sports.	8/12/2017 7:10 PM
90	It's fine the way it is. A lot of "improvements" not needed nor cost worthy.	8/12/2017 3:00 PM
91	1 or 2 Water fountain and rest shelter with shade would be nice scattered along the future trail	8/12/2017 2:30 PM
92	Plenty of unused land that can be use for mountain biking. High school team needs practice trails, new generation of Edina residents all would like solid single track trails.	8/12/2017 10:01 AM
93	Keep it natural but available. Stop taking trees out!	8/11/2017 9:51 PM

Braemar Park		
94	I do think the snowmaking CC skiing plan would have been great and well used. More kid friendly things would be great - a splash pad, playground, and good areas for kids to bike would be great. At the moment we bike down Gleason, over 78th to cross over West Bush Lake road before we finally get a trail to ride. A trail to link up to that Bloomington system would be great as we could then ride all the way to Normandale Park, Bush Lake Beach, Richardson Nature Center, or Chutes and Ladders nicely. I think the trail should also connect nicely to Lewis Park and then to the new trail over Hwy100 (which currently takes riding through a warehouse area to get to). And I don't mean striping something on existing roadways, that's fine for commuters but not kid-friendly.	8/11/2017 9:49 PM
95	mountain biking would be perfect for the trails and a great facility for the growing Edina mountain bike team	8/11/2017 8:00 PM
96	Mountain bike trails.	8/11/2017 6:51 PM
97	Consider major walking trails for groups.	8/11/2017 4:13 PM
98	Free dog park!!	8/11/2017 4:07 PM
99	Restaurant at ice arena	8/11/2017 3:36 PM
100	A critical first step - regardless of what improvements are made - is the eradication of invasive species and restoration of the native habitat in all areas of Braemar Park. This has been suggested repeatedly by consultants and requested by knowledgeable citizens. The second step should be the construction of an unpaved trail around the entire park with boardwalks in flood prone areas on the north and south borders. The third step should be the construction of singletrack mountain biking trails in both the east and west (on the east, south and west side of the cold storage barn and metro safety facility) hills, connected along the south side. These trails should be usable for summer and winter mountain biking. The fourth step should be to enhance cross county ski trails in and around the golf course. The ski trails should not intersect or share space with the walking or biking trails, since there are already a sufficient number of ski trail miles designed as part of the golf course. Furthermore, studies have indicated that singletrack mountain biking has already equaled or exceeded skiing in popularity and participation. Fat tire winter mountain biking will soon surpass skiing as a winter activity, in part because of the less predictable climate and snow conditions. It is beyond doubt that walking and nature trails are more popular and more frequently used than cross county ski trails.	8/11/2017 1:55 PM
101	Consider renovating the main club house "ballroom" area to attract more event/convention business like weddings, business parties, etc. I would only support this if the city thought it would be revenue producing. I really liked the addition of Tin Fish, please continue to support higher quality food availability at all city facilities.	8/11/2017 1:54 PM
102	We need to make sure that the flora and fauna remain natural. The area is gorgeous - we don't need a sports facility on the property. Some buckthorn remediation would be welcome as well!	8/11/2017 9:36 AM
103	More trails please!	8/11/2017 8:47 AM
104	Mountain biking is an inexpensive, year round use of existing narrow space around the established athletic and recreational amenities. Mountain bike trails have low environmental impact and low maintenance costs when correctly constructed. Mountain biking has a strong appeal to adolescents, akin to video games, when lifelong habits are being established. Mountain biking is inclusive, and does not require a team or other infrastructure. There are few downsides to establishing mountain bike trails on the underused fringe area of Braemar.	8/11/2017 8:20 AM
105	Mountain bike trails would be a great addition to braemar.	8/10/2017 9:49 PM
106	There exists a great need for Edina to have mountain bike course.	8/10/2017 8:13 PM
107	New Club House Fireplace Rentals-xcountry skis & snow shoes	8/10/2017 6:48 PM
108	None.	8/10/2017 3:09 PM
109	I've lived in Edina for 28 years and have never had any issues with the present set up of the park. My boys played hockey/baseball and I coached and was on the hockey board - never any complaints about the set up/use of the park.	8/10/2017 2:31 PM
110	How about a beer garden	8/10/2017 2:30 PM
111	Put city money toward road repair and Brae Ice Arena upgrades. Road repair would improve biking in Edina. I go to Bloomington and Mtka to bike. Many roads in Edina too rough.	8/10/2017 1:38 PM

Braemar Park		
112	Please be cautious to add more traffic to Dewey Hill and Gleason. Homes are starting to turn over with young families and while that is wonderful, increased traffic is not. Please find a way to do so safely and effectively to minimize traffic and sound.	8/10/2017 12:22 PM
113	Please don't cut down any more old growth trees.	8/10/2017 12:20 PM
114	It is a nice area now!	8/10/2017 11:59 AM
115	Thank you for seeking comments!	8/10/2017 11:35 AM
116	Complete loop trail around course and add hiking biking to hilly oak knob area- zip line and ropes course would be great there too	8/10/2017 11:17 AM
117	Need to desperately improve biking and walking lanes.	8/10/2017 10:54 AM
118	Seems an awful lot being invested in a dying sport (golf). Would like to see more land devoted to growing sports like soccer	8/10/2017 10:48 AM
119	I would like to see better seating at the Courtney complex at the large field and would like to feel like I am in the larger Braemar park when I am at Courtney.	8/10/2017 10:24 AM
120	Mountain bike trail would be awesome.	8/10/2017 10:22 AM
121	Winter cross country trails and sledding hill. Snow makers optional. It was only 4 die hards that opposed the original plan by using the next door neighborhood site to stir people's political emotions. Namely Josh Ahlberg was the leader and put in force because you won't build him a sidewalk in front of his house on busy Valley View road - which he knew it was busy when he bought the house and why the home was priced accordingly. Half the people don't want the sidewalk. Most people in Edina think he is an idiot and to stay away from him.	8/10/2017 10:14 AM
122	Mountain biking on the west, south and east sides. XC skiing on the east side.	8/10/2017 10:05 AM
123	Band stand	8/10/2017 9:27 AM
124	None needed. I think the city residents were pretty vocal in 2016 when they city wanted to do something at braemar.	8/10/2017 9:23 AM
125	Rock Climbing, ice skating ribbon, (check out Chicago's Maggie Daley Park), swimming pool	8/10/2017 9:18 AM
126	Curling	8/10/2017 9:16 AM
127	The trail should go around the whole park, not be confined to one section.	8/10/2017 9:15 AM
128	Gardens would be nice, especially if there will be picnic areas.	8/10/2017 9:14 AM
129	Reconsider snowmaking for xc ski trails!! I would pay for a season pass for my entire family to be able to ski regularly. Currently I pay Hyland park \$150+ per year for my family to ski plus snacks at the concession stand. Would have been happy to give my money to Braemar/Tin Fish instead. But without consistent snow and some good trail groomers xc ski trails will not be skiable so I'll continue to go to Hyland.	8/10/2017 9:14 AM
130	keep tin Fish and give it more publicity the Calhoun locations closing soon hate to see the same fate in Edina.	8/10/2017 9:13 AM
131	Beanbag all the rage! All Ages!! We would be the first of it's kind. Burger shack and Bean bag with bowling Lane style setup. & Chairs small table. Good lighting at night. Reservation maybe: For rental, parties, family reunion, Leagues for 20's Call me I will help you plan it! Kathleen Asgrimson 953-261-4205	8/10/2017 9:13 AM
132	Don't feel we need to spend a lot of money, we have plenty of parks at this time.	8/10/2017 8:55 AM
133	South rink needs to be warmer!	8/10/2017 8:54 AM
134	Nordic ski trail network with snowmaking	8/10/2017 8:51 AM
135	Better communication on where and what is allowed. There are some current trails that users are confused on who can use it. walkers vs bikers.	8/10/2017 8:51 AM
136	Pickle ball courts	8/10/2017 8:50 AM
137	An easier way for senior citizens to get down to Courtney Fields. Maybe have somebody with golf cart to transport those who need assistance. The handicapped parking is limited.	8/10/2017 8:49 AM
138	Explain what some of the conceptual amenities mean in the real world. While some may sound nice in reality some are quite destructive and the cost outweighs the benefit.	8/10/2017 8:40 AM

Braemar Park		
139	Get rid of the golf course. That huge land area currently only serves 30-50 people at a time, and even at peak capacity, only serves maybe 150-200 people per day.	8/10/2017 8:06 AM
140	Sidewalks. A restaurant at Braemer arena where velocity is located. NOT tinfish!	8/10/2017 7:59 AM
141	You come up with enough stupid ideas to spend our money on. It is not your money.	8/10/2017 6:57 AM
142	Dirt trails and easy grade for older runners w bad knees.	8/10/2017 1:04 AM
143	Braemar is a jewel. I would like to see any activities expanded to allow for more people to feel welcome at and make use of the park in creative, fun ways. I'd love to see "tubing" in the winter as well as Nordic skiing.	8/9/2017 10:38 PM
144	would love a mountain bike trail and xxski trail!	8/9/2017 9:19 PM
145	Make it more than just golf! I live maybe a 5 minute walk if that away and would love have more reasons to come there.	8/9/2017 9:17 PM
146	Mtn bike trails are inexpensive to build and maintain. They will not disrupt the natural habitat and they will be used by many residents.	8/9/2017 8:46 PM
147	I really like the idea of adding running/walking trails and winter skiing and snow shoeing	8/9/2017 8:31 PM
148	Platform tennis courts near Tin Fish.	8/9/2017 8:29 PM
149	The city needs to address the buckthorn at Braemar. The mayor has stated before that it's too far gone and it's a hopeless cause to eradicate it. Other cities are finding ways to deal with buckthorn and Edina needs to as well. Braemar will not have beautiful oak trees in 30 years if the buckthorn isn't addressed. It's our responsibility to preserve the natural beauty of Braemar. Why are we so willing to let a signature park deteriorate?	8/9/2017 8:22 PM
150	add disc golf course	8/9/2017 7:34 PM
151	Please add mountain bike trails!	8/9/2017 7:20 PM
152	Mountain biking trails would be great for the community and the state champion mountain biking team. Winter cross country trails would also be a great addition.	8/9/2017 7:15 PM
153	The primary focus should be on respecting the environment with mitigations such as buckthorn removal and a return of the oak savanna. Whatever the city decides should respect the neighbors in terms of light and sound pollution, If there are trails, they should be multi-purpose (biking, walking, dog walking) and should be low cost and low maintenance. Again, respect for the natural environment should take center stage.	8/9/2017 7:15 PM
154	Rental xcounrty skis, rental snow shoes, warming house, pond skating with rentals. We LOVE LOVE Tin Fish! Please keep them and support them!!!	8/9/2017 7:07 PM
155	I would like to see a bike connection from Bredesen Park to Braemar Park. I would like that trail to allow for walkers and runners.	8/9/2017 7:02 PM
156	A bar/restaurant at Braemar Arena/dome/Courtney complex	8/9/2017 6:30 PM
157	Please build a warped wall and other ninka warrior training obstacles like a salmon ladder.	8/9/2017 5:11 PM
158	Small mountain bike skills course	8/9/2017 4:04 PM
159	Butterfly garden Half way food stop for burgers n brats on golf course. No bike paths near golf course. Walking paths are ok	8/9/2017 3:50 PM
160	Showers and locker room for mountain biking Bike Repair area	8/9/2017 3:30 PM
161	Please do not destroy any more trees behind and along the executive course. We already are experiencing noise from the mowers and people that we did not expect when we moved to the neighborhood. This is very distressing	8/9/2017 3:27 PM
162	I would like to see apiaries. Given the wonderful prairie Braemar now has, it would be a great place for an apiary, which could be used to teach residents about pollinators. Residents could be given permits to have an apiary, which they would maintain. The apiaries could be located in the field to the left of the road as you enter Braemar. Start with one apiary and increase by one each year if there is demand, up to a maximum of 8 apiaries.	8/9/2017 3:27 PM
163	Horse shoe pits	8/9/2017 3:05 PM
164	Anything that does not include a mountain bike trail is a waste of time, funding, and space.	8/9/2017 2:58 PM

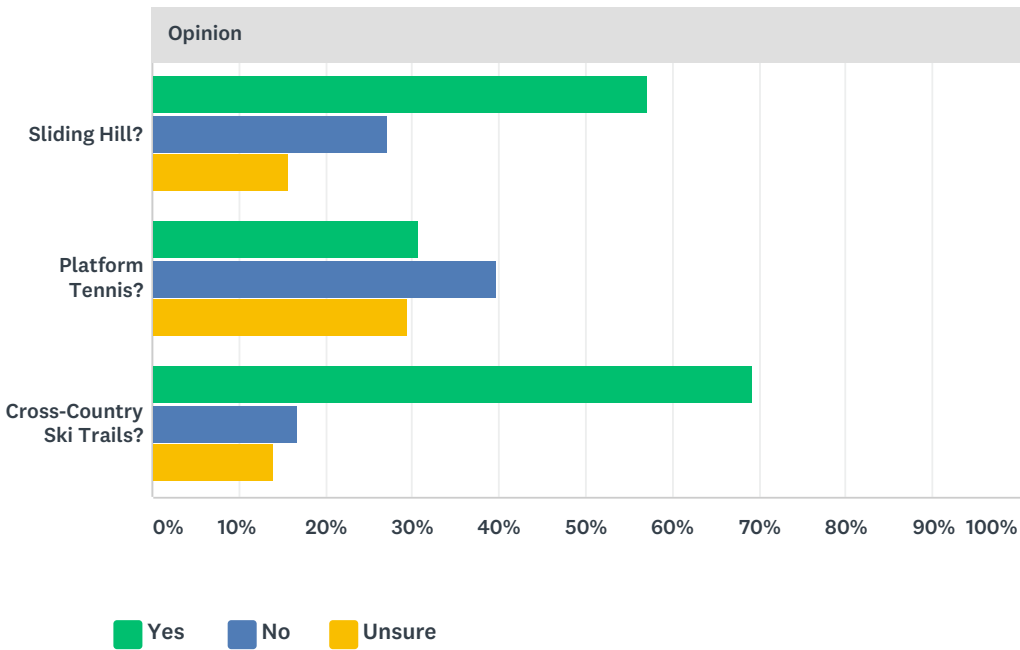
Braemar Park		
165	I am hoping that a city like Edina could actually have cross-country skiing and and snow shoeing someday...	8/9/2017 2:44 PM
166	Areas for cross country skiing and summer about biking Snowshoeing would be nice to	8/9/2017 2:31 PM
167	There are public basketball courts in this quadrant of Edina other than creek valley's playground where the courts are cracked asphalt and the hoops are usually super low for kids. It would be great to have some in the area.	8/9/2017 2:23 PM
168	None	8/9/2017 2:07 PM
169	Splash pad	8/9/2017 1:48 PM
170	A splash pad near a playground structure	8/9/2017 1:42 PM
171	My concerns about use of the park relate to the large percentage devoted to golf, an activity that is not environmentally friendly, for the benefit of a very small number of Edina residents. While this may not be on the table right now, it just doesn't seem to be a proper and sustainable use of our city's rich resources.	8/9/2017 1:33 PM
172	Save our taxpayer money, keep upgrades to a minimum. Really evaluate ROI .	8/9/2017 1:31 PM
173	Mountain biking and winter snow biking would be a great addition to the community.	8/9/2017 1:30 PM
174	Single track mountain biking- get the EHS MTB team to maintain the trails.	8/9/2017 1:24 PM
175	See previous comments. Need more winter outdoor activities in our community--cross country ski trails, sledding hills, fat tire biking, etc.	8/9/2017 1:19 PM
176	Lower parking lot so seniors could walk on a level path to get to baseball and football games on the Courtney fields.	8/9/2017 12:30 PM
177	We had great golf courses in Edina, allowing kids to learn and adults to play at a variety of paces. Someone came in from the east coast promising riches, and you all took the bait. I golf 4 times a week, and would not be a golfer at all if it had not been for the short courses and the ability to get onto a 9 at Breamar without an impatient skilled golfer pushing me. I have seen adults rag at kids trying to learn, a situation that will only get worse with fewer holes to play. a great way to chase away the future of golf. But thanks for introducing me to the other courses in the area and the other leagues to join. The 2 leagues I was active in will not likely return to Braemar!	8/9/2017 12:23 PM
178	None. The space is fine as is.	8/9/2017 12:14 PM
179	This facility is perfect. Plenty of parking and a huge outdoor space. I would like to see the area groomed for the kids and high schoolers to have perhaps an outdoor cross country park. And a cross country ski area. I do NOT see any need for lighting. And I do think that if you put some kind of bike trail system in, it will eventually turn into mud and the deterioration of the trails themselves. PLEASE keep it simple. Do little to disturb the wildlife, birds etc. But make no doubt about it, this is a great area for recreation. I know EDINA HS and all the schools could use it as a great cross country and cross country ski area. Why not keep it a simple place to go and take a walk and relax a little? PLEASE again keep it simple.	8/9/2017 12:11 PM
180	A playground would be very nice. We've been on Mark Terrace Circle for 25 years and our children really missed the access to a fun playground. This was sorely lacking in the original "Braemar Park" plan. With so many new young families moving into the area, it would be a welcome addition.	8/9/2017 11:54 AM
181	Curling arena and another restaurant would be an excellent addition to the city	8/9/2017 11:50 AM
182	I would like to see year-round bathrooms, well-lit and clear trails and more green space for kids to play - especially organized sports.	8/9/2017 11:35 AM
183	Use the hill just south of Hilary Lane and west of Gleason Rd.	8/9/2017 11:30 AM
184	Please make more spaces available for unleashed dog play. However, wherever you put these parks (yes, please do put these parks), please allow for segregation of small dogs from large dogs. I have 2 chihuahuas, one of whom was blinded by an unprovoked pitbull attack. Large dogs, mostly pitbulls, do in fact attack little dogs without provocation, and I wouldn't wish that horror on anyone. The city would be responsible to allow for separate spaces for differing sizes of dogs.	8/9/2017 11:23 AM
185	Since i live close by, i wouldn't use a picnic table/shelter. All items should be on the table however. I do bike in the area and may/may not use a mountain bike trail. I assume the cross country would be where the third nine of the golf course (east end) once was parceled out.	8/9/2017 11:21 AM

Braemar Park		
186	Are there walking trails for use? I would use them but don't know how to access them?	8/9/2017 11:18 AM
187	Sliding hill improvements on east facing slope, not north facing slope. That area all the way over to road should be part of mtn bike terrain feature training area.	8/9/2017 11:12 AM
188	Play ground!!! Lots of new young families moving into the area and there is not a playground to walk to.	8/9/2017 11:10 AM
189	Mountain biking would be a huge hit.	8/9/2017 11:02 AM
190	None. Leave it alone, the overbuilding and expansion is ridiculous and leave a lot of clutter that is rarely used.	8/9/2017 11:02 AM
191	Please preserve as much of the natural habitat as possible, and minimal pesticide/insecticides.	8/9/2017 10:57 AM
192	I would like a bathroom with running water that is open all year similar to what it at Bredesen or being able to access a bathroom at the club house Year around. There is a trail that starts near the fire training facility and eventually exits near Gleason and Dewy Hill. That trail goes through some office parking lots and along the sidewalk of 78th Street and eventually turns back in to Braemar Park. Can that trail be changed so it remains in the park at all times? It's a beautiful trail....especially in the fall.	8/9/2017 10:57 AM
193	Trails, cross country running/walking / hiking	8/9/2017 10:50 AM
194	This is wasteful spending propogated by shortsighted council members who are listening to very small groups of residents wanting ridiculous amenities at the park. I really don't care if a cross country ski parent has to drive 2 extra minutes to a world class facility at Hyland. I implore you to stop the wastefulness and focus on what matters. First the school board and now this.	8/9/2017 10:43 AM
195	Would help when there are benches along the trails for people to sit down and enjoy views and have a conversation. A coffee shop such as caribou would be a strong magnet for people to grab a refreshment and have a conversation at the park. Outdoor rink with events would be amazing.	8/9/2017 10:38 AM
196	We need to keep green space. This park needs minor improvements for families to enjoy it in the winter.	8/9/2017 10:36 AM
197	We really don't need more of anything. Maybe more playing fields and trails?	8/9/2017 10:29 AM
198	Keep it natural! So much great plant/tree cover and wildlife already.	8/9/2017 10:22 AM
199	Trails Better connection to all park areas via trails for walking and biking Safe pedestrian crossings during rush hour	8/9/2017 10:19 AM
200	climbing wall in the playground-park area; more than one picnic table shelter area.. have a few smaller ones, spread out; nice maintained restrooms	8/9/2017 10:19 AM
201	Make the Baseball fields a priority	8/9/2017 10:18 AM
202	Cross country skiing trail	8/9/2017 10:15 AM
203	Archery range	8/9/2017 10:14 AM
204	An indoor tennis facility to have leagues/lessons during the colder months is something we are missing.	8/9/2017 10:08 AM
205	We tried to take a child in a wheelchair to a soccer game and it was nearly impossible. Accessibility is crucial.	8/9/2017 10:05 AM
206	Archery range Trap shooting for high school team and public access	8/9/2017 10:02 AM
207	I'd love to see Edina add 1-2 platform tennis courts either in the Braemar or Fred Richards areas. This is a great sports for individuals and families, and courts can be used year-round although the primary season is usually Sept-May. Wayzata is moving ahead with two courts and a small warming house. Half of the capital and operating costs will be paid for by the city, and the other half is coming from donations and fees. Edina Country Club has platform tennis courts, but they are for private use only.	8/9/2017 10:01 AM
208	Minor xcountry ski support elements - rack to lean skis up, free tool set for adjustments. Also would be really nice to have a component on the website that updated trail conditions.	8/9/2017 9:59 AM
209	Let's save this gem for long range future growth - who knows what the needs will be in 25, 50 or 100 years from now. Edina needs to stop developing every inch of space to be all things to all people. We need to be forward thinking, not a "right now, this minute" generation.	8/9/2017 9:58 AM

Braemar Park		
210	If it is not cost prohibitive the City should strongly consider mountain bike trails in the southeast portion of Braemar. My opinion is that it would be used by many youth and adults. I currently see the Edina HS mountain bike club riding around pylons in a circle on Weber Park field.	8/9/2017 9:58 AM
211	We desperately need more soccer fields in Edina. Please consider adding a set of fields in the Braemar plan.	8/9/2017 9:55 AM
212	nature playground	8/9/2017 9:53 AM
213	I'd love to see year round tennis courts somewhere in Edina and Braemar seems like a perfect location. There is nowhere to play tennis year round in Edina.	8/9/2017 9:51 AM
214	Winter activities for children. There was suggestions of a tubing hill? Or sledding hill with tow rope? Maybe something unique, like structures that work well with snow so that kids can make snow forts or a "winter" playground to have snowball fights or play with snow like as if it was a sandbox. Embrace our winters! Any kind of playground!! Natural ones or maybe more modern ones like Central Park Playground in Maple Grove. Wading pool? Like the ones in most MSP parks. If any or all of the above was connected to concessions it would be an amazing destination for growing young families that are moving to the area.	8/9/2017 9:49 AM
215	I would like to see nature preservation work done. Buckthorn abatement. Nature area for kids and adults. No need to overdevelop the park. Nature is important.	8/9/2017 9:47 AM
216	Trails could go west, south, and north and blend seamlessly into the woods. Trails could easily cross road at grade change from maintenance shed to golf dome. Potential for world-class trail system with thousands of devoted users, volunteer maintenance, and preservation from buckthorn. Without this, buckthorn will continue to spread, forest/savanna and wildlife will continue to decline, and woods will become an ugly eyesore	8/9/2017 9:47 AM
217	Mountain bike trails would be awesome. Growing sport and great for community.	8/9/2017 9:45 AM
218	It would be really great to see more family facilities i.e. playground around the clubhouse at the golf course. We love going to Tin Fish and would like more for the kids to do there before and after lunch/dinner other than hit balls. Something simple like Chaska Town Course has. We are also in desperate need of more biking trails for mountain bikes. We do a good job with road bikes but more off road trails would be great!	8/9/2017 9:43 AM
219	Preserve Braemar for Edina residents and for hosting sports that Edina kids (and golfers) play with other communities.	8/9/2017 9:43 AM
220	Wetlands walkways - nature walkways - less golf orientation	8/9/2017 9:43 AM
221	The area desperately needs a park. A splash pad for kids to cool down in the summer would be fabulous. A sidewalk along McCauley Trail connecting the Indian Hills and Indian Trails neighborhoods would make the area far more assessable. It's mind boggling that sidewalk along McCauley trail doesn't already exist...	8/9/2017 9:42 AM
222	Hard liquor at tin fish and golf course	8/9/2017 9:41 AM
223	Maybe volleyball/pickle ball/fountain	8/9/2017 9:41 AM
224	We need something like a playground for toddlers and younger children.	8/9/2017 9:40 AM
225	Winter activities...sledding, tubing, etc...	8/9/2017 9:37 AM
226	Mountain bike trails would be my strongest recommendation	8/9/2017 9:34 AM
227	Poorly designed survey (sorry). Results will be misleading, and generally not helpful. Be careful what conclusions you draw from the results.	8/9/2017 9:33 AM
228	The park is a natural habitat for a lot of animals. I would like for them not to lose their home. Definitely no lighting.	8/9/2017 9:22 AM

Q5 What other types of public uses would you like to see at Braemar Golf Course?

Answered: 689 Skipped: 43



Opinion				
	YES	NO	UNSURE	TOTAL
Sliding Hill?	57.05% 344	27.20% 164	15.75% 95	603
Platform Tennis?	30.82% 176	39.75% 227	29.42% 168	571
Cross-Country Ski Trails?	69.22% 434	16.75% 105	14.04% 88	627

#	OTHER (PLEASE SPECIFY)	DATE
1	More pickle ball courts	8/30/2017 5:16 PM
2	To make it accessible to everyone, would rather not see something added that cost money to participate in! (i.e. courts or trails that require entrance fees each time)	8/30/2017 2:45 PM
3	Sledding hill would be awesome!!!	8/30/2017 9:47 AM
4	Platform tennis would be fine but it is not a priority for me. We have three kids in middle school and high school and would probably never use the sliding hill.	8/28/2017 9:41 PM
5	If build (more) tennis courts, either at Braemar or other locations, please add a wall in the court (or outside) for developmental practice.	8/28/2017 12:44 PM
6	There are brand new tennis courts at Creek Valley elementary school. The city doesn't need more.	8/23/2017 10:01 AM
7	Same as all of my other answers, the parks are good enough. Lower property taxes instead of working on the parks.	8/22/2017 8:11 PM
8	pickle ball courts	8/22/2017 9:27 AM
9	Again don't waste my tax money	8/21/2017 8:40 PM
10	None of the above	8/21/2017 12:01 PM

Braemar Park		
11	pickle ball courts	8/20/2017 6:28 PM
12	Paddle tennis courts for winter	8/20/2017 6:26 PM
13	Pickleball Courts	8/19/2017 10:56 AM
14	the former hole #21 would make a nice sliding hill for kids up to probably age 12	8/18/2017 7:21 PM
15	3 rivers has trails with snow making. I am not sure you want to get into snow making even if you have water avail. from golf wells. If we have snow then have something avail.	8/18/2017 7:05 PM
16	summer hiking trails	8/18/2017 11:48 AM
17	Public shooting range	8/17/2017 3:35 PM
18	Platform Tennis is a great idea! Also consider lawn bowling. Brookfield in Golden Valley is doing it, and it's a great outdoor game, well suited for a facility already equipped for golf.	8/17/2017 11:12 AM
19	Hylands has cross country trails.Platform tennis is a fad. sliding hill would be great.	8/17/2017 10:08 AM
20	Mountain Bike Trails!	8/17/2017 10:00 AM
21	No snowmaking, way to expensive and we have Hyland so close with snowmaking and those amenities. I hope someone is talking to three rivers about how unprofitable and difficult to maintain with warmer weeks in the winter their tubing has become at Elm Creek.	8/17/2017 9:28 AM
22	Would really like a public platform tennis arena. We do not belong to the country club and that would be our only access.	8/17/2017 7:59 AM
23	Rollerblading path that is smooth, drinking fountain, bathrooms, picnic tables,	8/17/2017 7:56 AM
24	Tennis Courts	8/17/2017 7:38 AM
25	Pickleball and bike trails.	8/17/2017 7:37 AM
26	Pickle ball courts	8/17/2017 7:20 AM
27	It would be nice to have a swimming pool but that might be too expensive and require additional maintenance and staff.	8/17/2017 7:19 AM
28	Again I cross countryside elsewhere but you require an answer.	8/17/2017 6:59 AM
29	Pickleball	8/17/2017 6:26 AM
30	pickleball?	8/16/2017 6:37 PM
31	The high school team has had over 100 boys and girls Nordic Skiing. A place to practice for Nordic would really benefit the kids that don't play hockey.	8/16/2017 4:41 PM
32	Caveat: no lights, and no snow making.	8/16/2017 4:11 PM
33	Mountain biking is a great sport for middle and high school kids to don't play edina soccer, hockey or football. This sport is growing rapidly nationally and Edina must get on the forefront. We have the space, let's give it to these kids.	8/16/2017 2:48 PM
34	Indoor Pickle Ball courts especially for winter	8/16/2017 11:54 AM
35	Edible foraging landscape!	8/16/2017 11:44 AM
36	The existing hill where kids have been sledding for decades is absolutely fine. We don't need to over-engineer everything. Keep the hill accessible for families to use once it snows and don't remove it to create other trails, etc. That would be detrimental to us and our neighbors who use it several times a year- it's a convenient and free activity we don't want to lose access to bc of changes to layout.	8/16/2017 11:32 AM
37	Making artificial snow hills? Please dont spend money on that.	8/16/2017 11:06 AM
38	Revenue generation would help sustain the amenities.	8/16/2017 10:56 AM
39	None	8/16/2017 10:21 AM
40	The big question is cost- trails need to have snow and be regularly groomed, otherwise it's not a worthwhile amenity to claim to have trails that are not maintained.	8/16/2017 9:53 AM
41	Cross Country skiing would be nice on the periphery of the Golf Course when we do get snow. I find that not many people X-C ski when there is little snow around the Metro to begin with...but real fresh snow does tend to get more people excited about skiing.	8/16/2017 9:31 AM

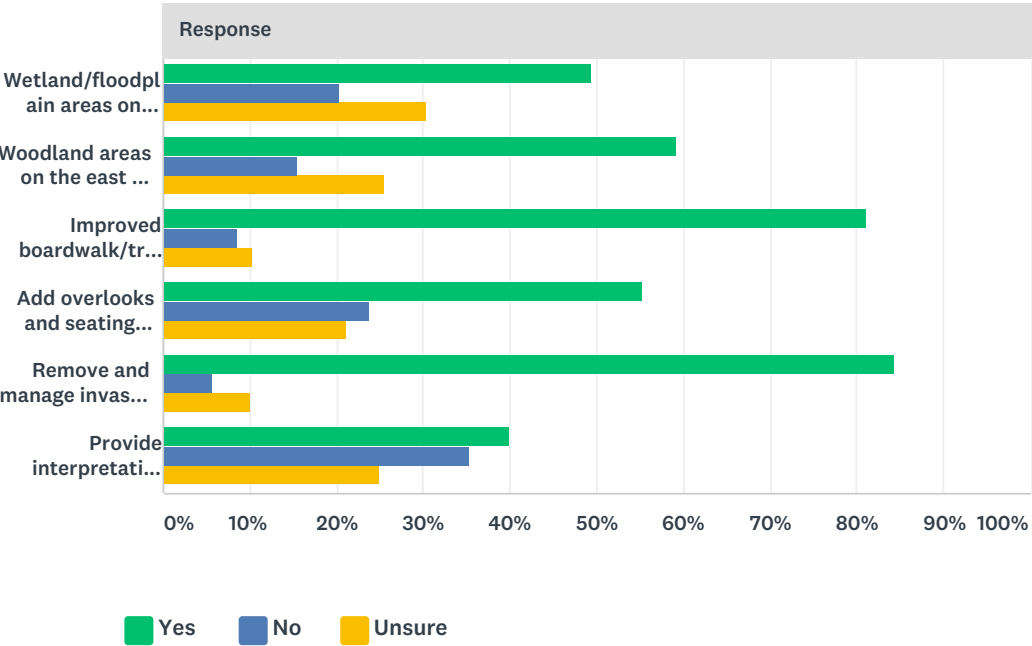
Braemar Park		
42	NONE	8/15/2017 10:47 PM
43	Mountain bike trails!	8/15/2017 7:09 AM
44	Platform Tennis would be fantastic!	8/14/2017 2:31 PM
45	keep current small sliding hill for neighborhood use. Hill is small and I would be worried about increased traffic and damage the hill would receive with more usage. I wouldn't mind ski trails if used within gold course area NOT new trails through the wooded area as previously proposed.	8/13/2017 11:26 AM
46	Kids already use the hill for sliding. I would be opposed to making people pay to do that.	8/12/2017 7:26 PM
47	If by platform tennis you mean paddle then definitely yes. At many country clubs currently.	8/12/2017 7:11 PM
48	Snowshoe	8/11/2017 6:51 PM
49	Again casual walking trails for small groups.	8/11/2017 4:15 PM
50	See comments on number 4 regarding cross country skiing. In the prior debate on cross country skiing, virtually the only advocates were high school parents or high school participants. The school has the resources and the property, as well as the responsibility, to provide the athletic facilities for cross country skiing. This is particularly true if cross country skiing has the greatest number of participants, as the cross country ski team has stated. And, the cross country skiing should be on and around the golf course as originally planned. There are three essential needs: (1) natural habitat restoration, (2) nature trails around the perimeter of the park, and (3) singletrack mountain bike trails for summer and winter use on the east, south and west sides of the park, since singletrack mountain biking is an amenity that does not currently exist in Edina, and is the single fastest growing recreational activity in Minnesota and across the country.	8/11/2017 2:01 PM
51	We already have a great natural sliding hill - would love to keep that and maybe put a small warming house (out of sight) for the parents.	8/11/2017 9:58 AM
52	Cross country skiing is limited to very few weeks in our current winters, and requires a much larger trail width than mountain biking single track. It also requires a much higher cost maintenance program to make it usable for the few weeks it it would have enough snow. It would have far fewer users per year than mountain bike trails.	8/11/2017 8:24 AM
53	Ski- joring and kick sled trail.	8/10/2017 4:05 PM
54	Perhaps pickle ball courts?	8/10/2017 3:10 PM
55	mountain biking	8/10/2017 3:09 PM
56	Where would they go so they don't "interfere"? Improve/add to walking trails?	8/10/2017 2:33 PM
57	We already have a hill to sled and people cross country ski now. No need to spend money on something we already have. Plus I live two blocks from Brae Park and I do not see that many people using Brae Park.	8/10/2017 1:39 PM
58	You already took out tennis courts and now you want to add more? Also, you already took out the main sliding hill " use do be called Death Hill back in the day" and make it marsh with a waterfall. Why are you going backwards!!! And who cross country skis? Not that many people - please make choices that accommodate all ages and the new young families that are entering the area. Lewis Park needs a makeover! Why can't funds go there as well?	8/10/2017 12:25 PM
59	Sledding and tubing would be great!	8/10/2017 12:19 PM
60	Seems like cross country ski trails could also use walking trails so easy to combine them both.	8/10/2017 11:44 AM
61	High ropes course/zip line boldering course Withouartificial snow Xc trails aren't worth the effort - great trails at Hyland	8/10/2017 11:20 AM
62	There is many places for kids to slide. They can create their own runs. Don't take away the ability for them to be creative by making a sliding hill maintained by adults.	8/10/2017 11:19 AM
63	Would love cross country ski trails that I could use while my kids are at hockey practice at Braemar Arena!	8/10/2017 11:15 AM
64	Pickleball	8/10/2017 10:49 AM
65	Sledding hill with snow machines.	8/10/2017 10:14 AM

Braemar Park		
66	I would support a sledding hill, like the one we currently use. We have to walk up there ourselves, it's used when there is fresh snow, and during the day. I don't support lights, snow machine or a tow rope to get kids up the hill.	8/10/2017 9:43 AM
67	Really.you got to ask for the third time if we want something the majority of the city residents don't want. Geez you have guts	8/10/2017 9:25 AM
68	With previous comments, cross country ski trails should have snowmaking on order to drive demand to cover grooming costs. Natural snow is too rare for any decent skiing. You're wasting time and effort to build ski trails without machine made snow.	8/10/2017 9:18 AM
69	Sliding hill exists and it's a great one	8/10/2017 9:17 AM
70	It doesn't seem like snow-making should be part of what is done there, however.	8/10/2017 9:16 AM
71	Year round Lighting for night- Platform Tennis, Beabag and a ??\$5 burger shack Spring thru Fall	8/10/2017 9:15 AM
72	dog friendly walk areas People walk their dogs and families on busy, busy valley view road	8/10/2017 9:14 AM
73	Do not support adding snow making or an area for winter tubing with lifts	8/10/2017 8:57 AM
74	No	8/10/2017 8:54 AM
75	Cross Country ski trails with snowmaking	8/10/2017 8:52 AM
76	Sliding and tennis will wreck the feel of that area and cost to much!	8/10/2017 8:00 AM
77	At the amount of time and expense Edina spends on projects, ie the tennis Whimbleton courts at Creek Valley, I don't think you need anymore projects. You have screwed things up enough. There goes another plane.	8/10/2017 7:00 AM
78	There already is a sliding hill. Keep it how it is. It's free. Kids have enjoyed it for years. Keep it and leave it alone. I'm unsure about XC skiing unless it is available like it is today: no major snowmaking, around the perimeter, free, etc. It's too warm in the winter to consistently make snow. The city doesn't need to have a major enterprise to maintain. Let Mother Nature support skiing.	8/9/2017 8:24 PM
79	Plz allow free skiing through the course...but don't plan on grooming like they do at Hyland. Also don't provide lighting. It's nice to have natural darkness with the only light coming from the moon.	8/9/2017 7:58 PM
80	Golf	8/9/2017 7:37 PM
81	add disc golf course	8/9/2017 7:35 PM
82	mountain biking	8/9/2017 7:19 PM
83	multipurpose, low maintenance trails for biking, walking and dog walking.	8/9/2017 7:16 PM
84	Snowshoe trails also	8/9/2017 7:03 PM
85	Bocce ball courts like Meadowbrooke has	8/9/2017 6:32 PM
86	More unpaved singletrack or gravel trail.	8/9/2017 5:30 PM
87	Skate park	8/9/2017 5:15 PM
88	Only if no additional tax expense. No snowmaking equipment. Previously there was a platform tennis court that was removed when golf course was expanded. It did not get used much if at all when it was there. Growing up working at the golf course I never saw anyone use it.	8/9/2017 4:24 PM
89	Love the idea of a sliding hill!	8/9/2017 4:15 PM
90	Small outdoor stage for concerts and entertainment.	8/9/2017 3:53 PM
91	Edina has plenty of tennis courts, no need for more. Plenty of quality hill to sled down in the winter at local elementary schools and the high school. What Edina lacks is any excuse for a trail system. Bredison does not cut it for the city. After living in Duluth the past four years I can confidently say we are doing our children a disservice by not providing any decent trail system to allow people to enjoy the outdoors. Edina is a boring city for kids. They are forced to play on sports teams by their parents and often hate the sport. A trail system will give our children something to do besides what their parents force them to do.	8/9/2017 3:01 PM
92	I think platform tennis is a fabulous idea. Hard to find places to play anywhere	8/9/2017 2:31 PM

Braemar Park		
93	There is a a hill kids use to sled on already. I would not want to see one we would have to pay to use. I believe there is already platform tennis at Rosland? Is it that popular that we need more courts so close? I would not want ski trails or sledding hills that required snow machines to make snow.	8/9/2017 2:25 PM
94	Keep trails natural with no artificial snow	8/9/2017 1:32 PM
95	Not Braemar- But the bike path around Bredesen should be groomed for X-Country skiing in the winter.	8/9/2017 1:25 PM
96	Yes yes yes to sledding hill and cross country ski trails.	8/9/2017 1:20 PM
97	Sure I guess but could we keep these really low tech - as in just make the space available and let people use it how they want to? I would hate to see expensive and intrusive lighting and irrigation systems to create snow, etc. for these uses. Seems like if the golf course were just open in the winter and people could access it, people would use it for all of their winter fun - snow shoeing, cross country skiing, sledding. It doesn't need to be an expensive, fee based high maintenance situation.	8/9/2017 12:34 PM
98	We need to be careful to not introduce too many things at the cost of existing activities.	8/9/2017 12:28 PM
99	No answer. I could not proceed without picking one!	8/9/2017 12:23 PM
100	Bocce ball courts	8/9/2017 11:51 AM
101	The only thing I really want to use the park for is dog play. However, optimizing the use of the space for everyone is a good idea. Whatever people want, city, please give it to them.	8/9/2017 11:24 AM
102	Cross country ski trails with no artificial snow making should just use the spaces around golf course and stay out of wooded hills	8/9/2017 11:14 AM
103	Pickleball would be great to have at Braemar. I would also love to have some groomed ski trails for skate and classic Nordic skiing that would be used for skiing, not walking or snowshoeing.	8/9/2017 11:02 AM
104	There already is a sliding hill and trails. No investment is necessary. The creek valley tennis court disaster is quite enough wasted tax payer money on tennis.	8/9/2017 10:44 AM
105	There is a perfect sledding hill already. Don't need anything different. I'm ok with cross country skiing, but no lighted trails or snow making.	8/9/2017 10:24 AM
106	Combined winter trails with skate CX skiing, traditional CX skiing, and fat biking MTB or cyclocross trails Splash pad at the playground Thanks so much for adding tin fish	8/9/2017 10:21 AM
107	do not over spend on these amenities; i want them, but I don't want to turn Braemar into an amusement park; this is still a residential neighborhood	8/9/2017 10:20 AM
108	Please preserve the golf course	8/9/2017 10:16 AM
109	Archery range	8/9/2017 10:15 AM
110	fishing opps!	8/9/2017 10:07 AM
111	pickleball courts	8/9/2017 9:57 AM
112	Soccer fields	8/9/2017 9:56 AM
113	Platform tennis would be fantastic!	8/9/2017 9:52 AM
114	Snowshoe, mountain bike, fat bike, more hiking/running trails, environmental education about the evils of buckthorn and value of the oak savanna, wetlands, and maple/basswood forest	8/9/2017 9:50 AM
115	Sliding hill is already there and should be left as is. All families know where to find the hill in winter	8/9/2017 9:49 AM
116	Wasted space.	8/9/2017 9:47 AM
117	There is already a sledding hill (free) that is heavily used by the neighborhood kids. Please don't fix what isn't broken!	8/9/2017 9:39 AM
118	There was already a sliding hill at Braemar in the winter. But something that is designed specifically for sledding is wasteful.	8/9/2017 9:39 AM
119	I would like to see a sliding hill ONLY if there is already a hill available that would need little work to make it work. I would not approve of building a hill from scratch just to add a sliding hill.	8/9/2017 9:38 AM
120	There is a sliding hill already. It is very nice and natural.	8/9/2017 9:23 AM

Q6 How and where should natural areas be enhanced as part of the Braemar Park experience?

Answered: 601 Skipped: 131



Response				
	YES	NO	UNSURE	TOTAL
Wetland/floodplain areas on north and south sides of the park	49.41% 252	20.20% 103	30.39% 155	510
Woodland areas on the east and west sides of the park (zones 1-3)	59.13% 311	15.40% 81	25.48% 134	526
Improved boardwalk/trail access to natural areas	81.27% 460	8.48% 48	10.25% 58	566
Add overlooks and seating areas	55.17% 288	23.75% 124	21.07% 110	522
Remove and manage invasive plants	84.38% 470	5.57% 31	10.05% 56	557
Provide interpretative/educational signs	39.92% 198	35.28% 175	24.80% 123	496

#	COMMENTS OR ADDITIONAL IDEAS	DATE
1	Trail access for walking and biking would be nice.	8/28/2017 12:46 PM
2	How much does it cost to manage the invasive plants? Won't they just keep coming back...	8/23/2017 10:03 AM
3	Removing invasive plants to keep parks looking nice is an ok use of tax money. Don't add anything expensive to the parks though. Lower property taxes.	8/22/2017 8:13 PM
4	The ability to walk through a quiet natural wooded path in the area has become more difficult over the years as development has taken over sections of the woods. Leave the beautiful wooded path entering on Gleason Road alone for walkers to enjoy.	8/22/2017 6:22 PM

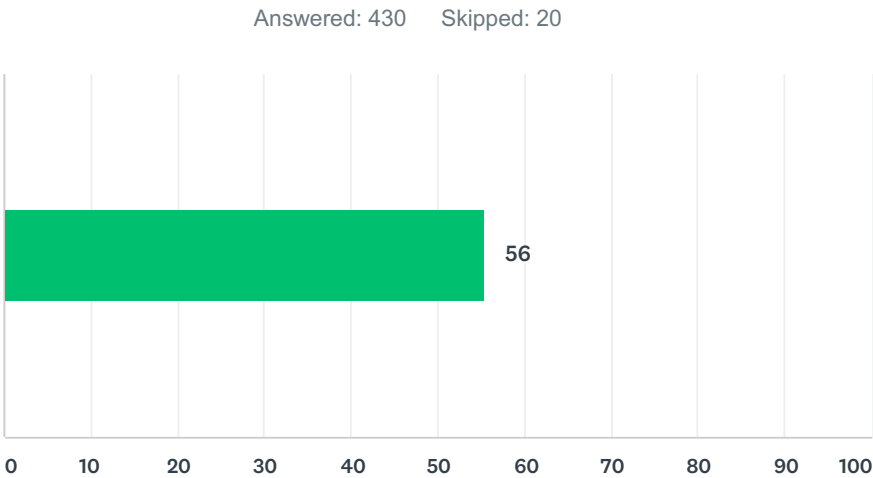
5	The natural areas appear to have fairly significant invasive vegetation issues including buckthorn and reed canary grass among others. Incorporating some or all of these areas into a trail system would provide an opportunity to clean some of that out.	8/21/2017 4:45 PM
6	Would like to see enhanced wooded/natural areas that people could hike in summer and cross county ski or snow shoe in winter.	8/21/2017 10:26 AM
7	No comment	8/20/2017 1:21 PM
8	The newer signage seems pretty much like a waste of resources.	8/19/2017 4:47 AM
9	benches on whatever walking paths are created would be of benefit to many seniors.	8/18/2017 7:23 PM
10	Keep wet areas from wheeled and foot traffic. Other areas nearby have wooden walkways and the are not cheap. Use money wisely.	8/18/2017 7:12 PM
11	What does "enhanced" mean? more trees and plants, or more access to the public?	8/18/2017 11:49 AM
12	Clean out Buckthorn and maintain eradicate status. Seams Edina does not spend much effort in controlling invasive species.	8/17/2017 3:53 PM
13	The water at the golf courses needs a lot of cleanup, as well as the vegetation around the golf course.	8/17/2017 3:52 PM
14	I would prefer enhancements that would allow us to be active all year round. We have golf in summer and cross country ski trails would we great in the winter months.	8/17/2017 2:23 PM
15	i do not have enough information on current conditions	8/17/2017 10:19 AM
16	Add mountain bike trails in Zone 3!	8/17/2017 10:02 AM
17	With housing next to zone 3, there should be no further development of this area	8/17/2017 9:57 AM
18	I am concerned about the reduction in the number of holes from 27 to now just 18. I think it's going to be very difficult to get a tee time.	8/17/2017 9:39 AM
19	Preserve nature please.	8/17/2017 9:03 AM
20	Don't cut down trees	8/17/2017 8:51 AM
21	Not really sure what the questions marked unsure are asking	8/17/2017 8:48 AM
22	It's a golf course not another unused park	8/17/2017 8:32 AM
23	Seating benches, smooth rollerblading and biking paths, bathroom/drinking fountains. Maybe some sort of walking dock over wetlands?	8/17/2017 7:58 AM
24	How would you "improve" the wetlands and woodlands areas? I answered No to these because I think its important they remain in place & intact. If by removing invasive species (ex. buckthorn and purple loosetrife) then I would say Yes to those improvements.	8/17/2017 7:17 AM
25	Keep natural areas natural and wild, keep out invasives including people.	8/17/2017 7:12 AM
26	repeat comment above that uses should minimize erosion and tree loss	8/17/2017 1:25 AM
27	trail does not have to be paved, if that is what you mean by improved. trails in the gunflint trail, for example, are easy to follow and are not paved	8/16/2017 6:40 PM
28	Interpretative/educational signs would make for great Eagle Scout projects and not cost the city anything. Troops 48, 62 and 123 are all in Edina. They have boys that are looking for service projects to complete their Eagles.	8/16/2017 4:46 PM
29	Please do not do any changes to area 5 that will affect the security and safety of the current residents. Changes to the landscapes that back up to our yards will destroy our home values, disrupt our privacy, and negatively affect wetlands we have come so much to love.	8/16/2017 4:19 PM
30	It is nice that there is still some natural land left, don't eat away at it too much or be overly anxious to spend taxpayer dollars converting it into something else.	8/16/2017 11:11 AM
31	The Minnesota Landscape Aboretum is a good model for how to incorporate wetlands while still being able to keep it "wild" for the wildlife. I think this is very important that environmental and wildlife management is kept in mind. Biking and hiking are two sports that are minimally disruptive.	8/16/2017 10:22 AM
32	Please make removal of buckthorn a top priority!!	8/14/2017 9:46 AM
33	A basketball court would be nice.	8/13/2017 12:50 PM

Braemar Park		
34	Keep the nature in the natural areas. Enhance the area so people can experience nature without inviting over use or over development.	8/13/2017 11:28 AM
35	I hope we can focus on eliminating buckthorn.	8/12/2017 7:12 PM
36	Yeah, good luck getting rid of the buckthorn! I think the raised boardwalk trail type is excessive but if that's what it takes these days then fine. To me the key areas are those closest to our neighborhoods that provide access, but all areas should have a trail at least.	8/11/2017 9:53 PM
37	Eradicating invasive species and restoring the natural habitat throughout the park is imperative, and a civic duty even if nothing else is done.	8/11/2017 2:04 PM
38	I'm not trained enough to understand how increasing wetlands and woodlands would effect the surrounding areas. The rest seems relatively nonintrusive.	8/11/2017 8:49 AM
39	Eden prairie has been doing a lot of work recently to restore and maintain their native species and habitats. I think Edina would greatly benefit from this as well and it's very nice to see all of the native birds and other wildlife that inhabit native areas.	8/11/2017 7:21 AM
40	Many birds live here that don't venture into backyards. Including wildlife in the signage would be interesting.	8/10/2017 8:44 PM
41	Leave the areas 'wild', so as not to add any more disturbance to the flora and fauna already greatly disturbed with all new construction projects.	8/10/2017 7:02 PM
42	Do a better job ofmanaging invasives. Edina's native plant areas are a disgrace. Seems like they are ignored after planting and putting up signs.	8/10/2017 4:09 PM
43	Great ideas - whats the cost?	8/10/2017 2:35 PM
44	Put money to road repair.	8/10/2017 1:40 PM
45	Wooded space is rare in Edina, especially publicly accessible space. We should do whatever we can to enhance access to these areas while keeping them natural.	8/10/2017 10:54 AM
46	I don't really know	8/10/2017 10:48 AM
47	no overlooks but a few benches would be nice	8/10/2017 9:16 AM
48	do not support adding snowmaking or lighting in zone 3	8/10/2017 9:00 AM
49	Why have we waited so long to do invasive control?	8/10/2017 8:42 AM
50	The more people we can serve with our limited dollars the better. Enhance access, enhance the environment, minimize ongoing maintenance costs.	8/10/2017 8:09 AM
51	Some of this is just to much! Over development!	8/10/2017 8:02 AM
52	Just take care of the invasive plants. And don't forget the STUPID landscaping in the golf course. It is filled with thistles and weeds. A real good choice for landscaping..... stupid.	8/10/2017 7:05 AM
53	This is what makes the master plan tough. Even though there is acreage, each zone has its own pros/cons and natural habitat issues	8/9/2017 8:34 PM
54	The beauty of Braemar lies in its natural setting (other than a golf course.) Edina should preserve and enhance natural spaces. Buckthorn removal should be a priority.	8/9/2017 8:27 PM
55	There are so many beautiful parks and playgrounds in Edina - it would be nice to have one that is "undeveloped" and available for walking/being in nature/or a more natural, un-manicured area.	8/9/2017 8:09 PM
56	There should be minimal human intervention to the natural environment and habitats	8/9/2017 7:18 PM
57	The wetlands area is hard to find and to get to.	8/9/2017 7:17 PM
58	I love how Braemar has preserved oak forests and wetlands . I do NOT want to see it become a massive playground destination kind of park. Rather, I'd like to see some trails and rentals for winter sports that allow the community to better experience and enjoy the park.	8/9/2017 7:13 PM
59	Leave it as it is.	8/9/2017 5:40 PM
60	Zone 4 is an awful lot of space dedicated to a fairly limited set of users.	8/9/2017 5:32 PM
61		8/9/2017 4:05 PM
62	You are wasting money	8/9/2017 3:32 PM

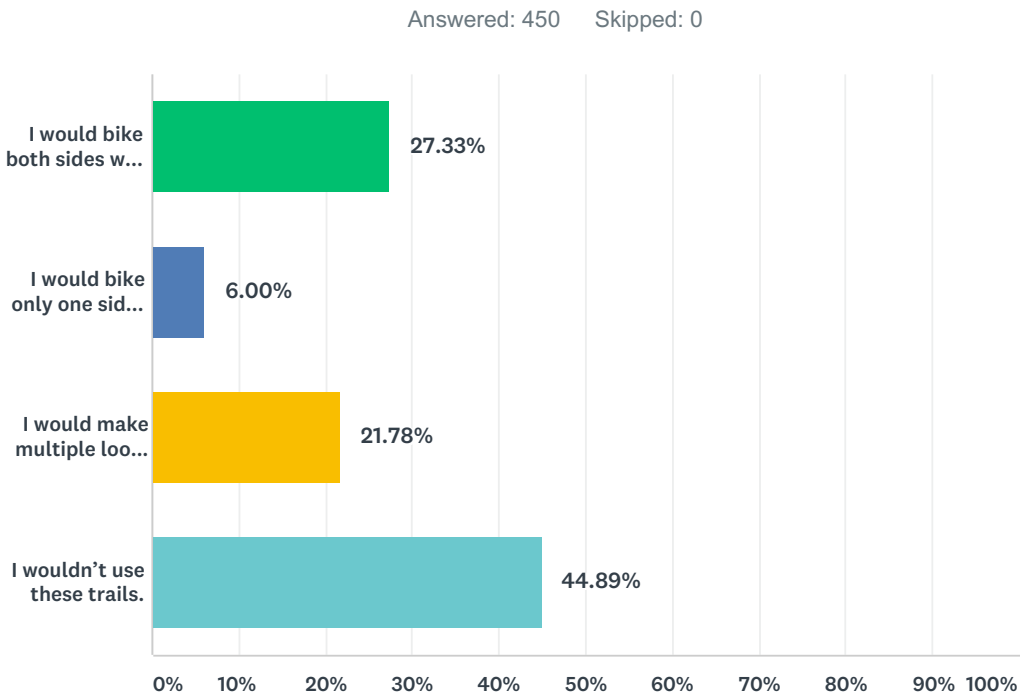
Braemar Park		
63	perhaps making trails or boardwalk for wetland or woodland areas would be nice- but don't make it intrusive, as the previously proposed lighted ski trails/ snow making project seemed to be.	8/9/2017 2:26 PM
64	I have no idea what you mean by "enhanced" in your question, so it was hard to answer meaningfully	8/9/2017 2:17 PM
65	The problem with this question is that you are not providing the additional context (particularly for the first two choices) to make an informed comment.	8/9/2017 1:37 PM
66	Please don't over engineer what nature has created on its own.	8/9/2017 12:31 PM
67	I don't know the park well enough to comment	8/9/2017 12:24 PM
68	Work to get rid of the buckthorn invading the woodland areas, trails through natural areas filled with buckthorn takes away the enjoyment	8/9/2017 11:54 AM
69	Management of invasive plants is paramount. I am only in favor of "enhancing" wetlands if the are properly preserved and maintained. I believe Zone 3 could still accommodate XC skiing and snowmaking if implemented properly to minimize neighborhood impact. Same applies to Zones 1 & 2.	8/9/2017 11:40 AM
70	Attention should be paid to where the most car traffic is and how to draw/entice that traffic to engage with the facility. The Hilary/Gleason corner is the key in my opinion. We have to draw people into the property.	8/9/2017 11:36 AM
71	Not much is needed here.	8/9/2017 11:28 AM
72	North swamp should have very simple wood boardwalk for mtn biking trail just like city of Duluth does on its IMBA gold rated mtn bike trail system. Keep it super simple. south marshes should have low and wide pedestrian boardwalk to access new wild areas.	8/9/2017 11:17 AM
73	All worthless, leave it alone	8/9/2017 11:04 AM
74	Given cost constraints, I'd rather see money put toward nature in the form of paths and removing invasive species and less put toward more man-made items such as board walks, signs and seating areas. Also, signage typically isn't maintained over time (for example, at Bredesen).	8/9/2017 11:04 AM
75	If by enhancement you mean more than removing dead brush and maintenance, I would not support. These areas are important buffer zones that deserve some protection. I do support making the existing trails more accessible.	8/9/2017 11:01 AM
76	Please remove buck thorn and build a nice loop pathway	8/9/2017 10:47 AM
77	Standard maintenance on the existing facility only.	8/9/2017 10:45 AM
78	zone 2 doesn't seem to have much access from the road that weaves around the course, golf dome and arena. it feels as though there are just weeds, woods and crummy land there.	8/9/2017 10:23 AM
79	Most people that walk trails are not looking to stop, rest, and contemplate.	8/9/2017 10:00 AM
80	Improve trails without taking out A lot of green space. Incorporate trails into the green space already there. Signage improvement at entrance off Gleason and especially, off Valley View.	8/9/2017 9:54 AM
81	Manage as a system, preserving a healthy natural setting for all users. Oak savanna is a great biome for trail compatibility and golf	8/9/2017 9:53 AM
82	There is nothing more important than preserving nature in that park, and allowing people the ability to witness it first hand.	8/9/2017 9:48 AM
83	Remove Buckthorn only.	8/9/2017 9:45 AM
84	Finish the golf course remodel; add some landscaping where needed, and leave the rest of it alone.	8/9/2017 9:41 AM
85	Please hire some goats to eat the buckthorn! It is so bad!	8/9/2017 9:39 AM
86	map doesn't show up on my screen	8/9/2017 9:36 AM
87	Yes to all! Continue emphasizing outdoor activities and nature with Edina residents. As a first tier suburb of a large metropolitan area, keeping park property is crucial.	8/9/2017 9:21 AM

Survey #2

Q1 Should the available trail space be devoted more to mountain biking trails or walking trails?

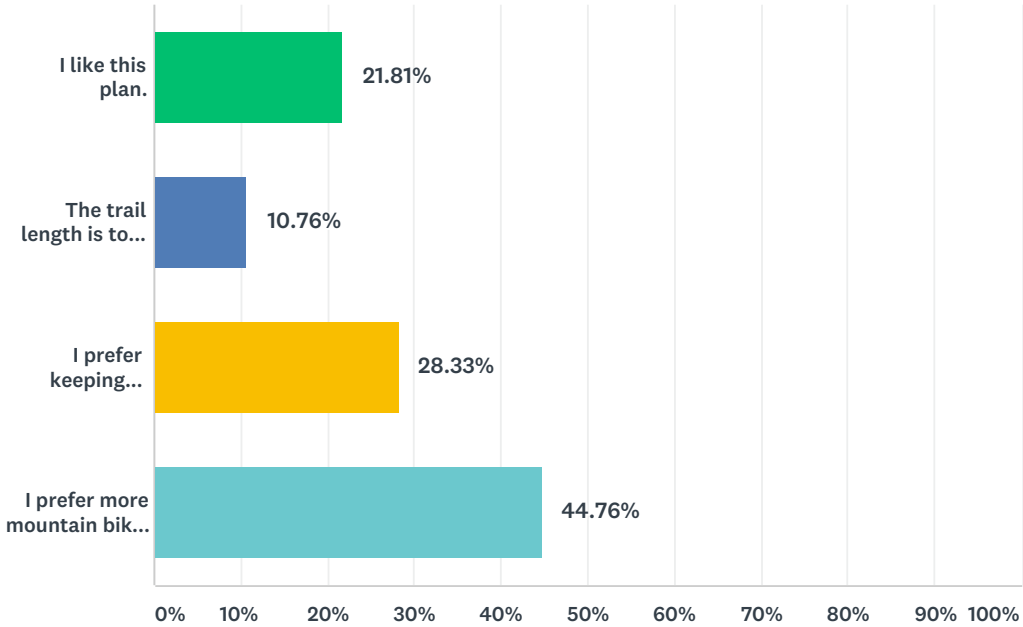


Q2 In Concept A, mountain bike trails are included on the east and west sides of the park, connecting via trail along the south side of the park. This would give mountain bikers a variety of terrain on about 6 miles of trails. How would you use this space?



Q3 In Concept B, mountain biking trails would be concentrated on the east side of the park. This would reduce the trail length to about 4 miles overall but likely keep this area primarily for mountain bikers.

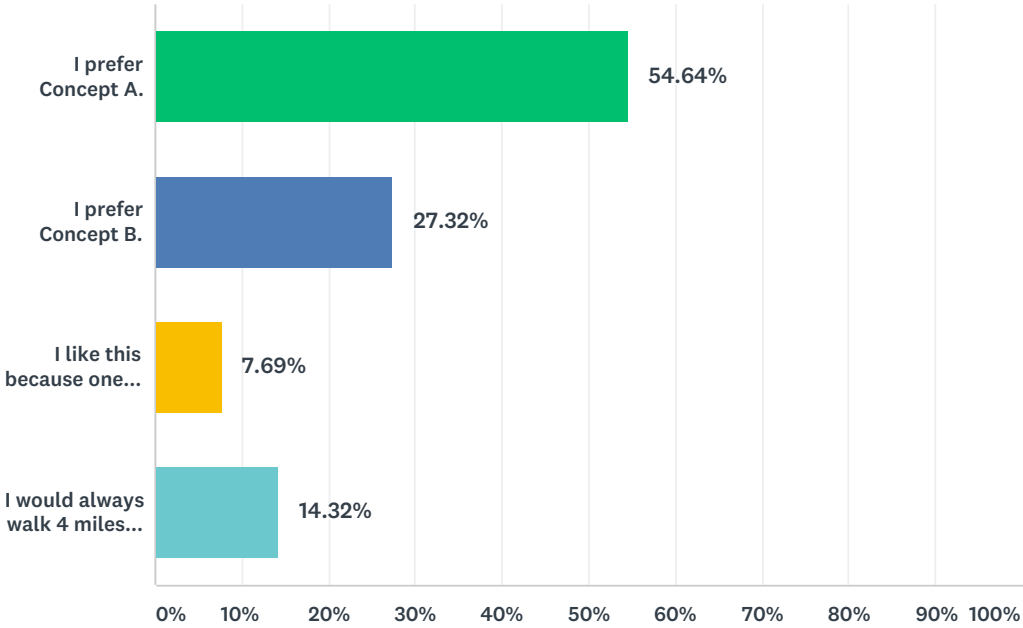
Answered: 353 Skipped: 97



ANSWER CHOICES	RESPONSES	
I like this plan.	21.81%	77
The trail length is too short for me to bother to bring my bike.	10.76%	38
I prefer keeping mountain biking to one side of the park.	28.33%	100
I prefer more mountain biking trails on both sides of the park.	44.76%	158
Total Respondents: 353		

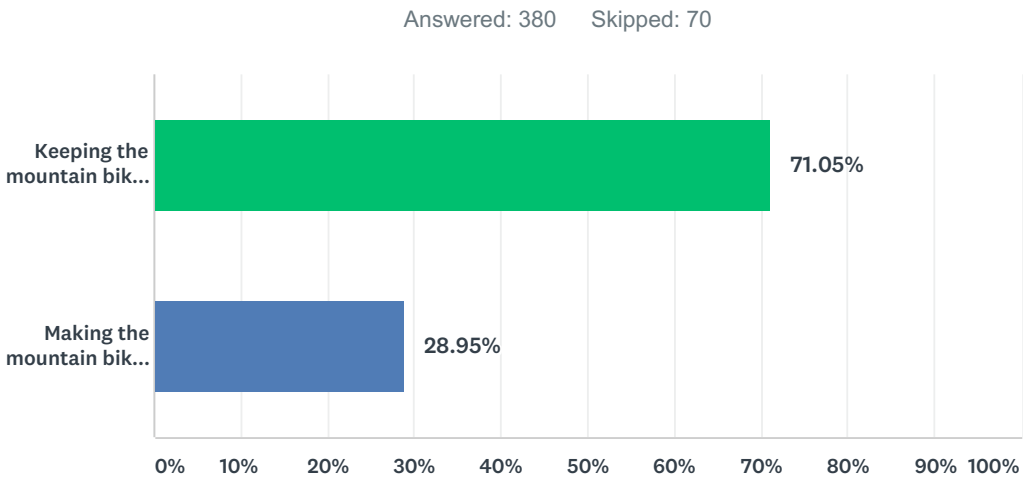
Q4 In Concept A, a walking trail goes through both sides of the park, covering about 4 miles. Under Concept B, a walking trail still goes through both sides, but the west side is broken up into two connecting shorter loops because there are no biking trails on that side.

Answered: 377 Skipped: 73



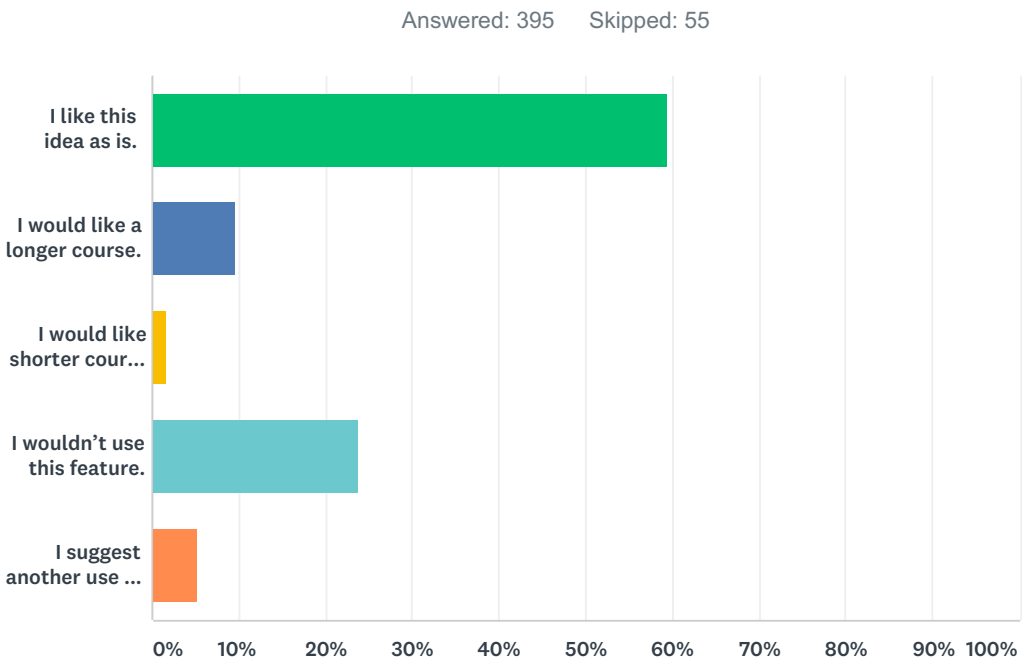
ANSWER CHOICES	RESPONSES	
I prefer Concept A.	54.64%	206
I prefer Concept B.	27.32%	103
I like this because one shorter loop is enough for me.	7.69%	29
I would always walk 4 miles, so the smaller loops don't matter to me.	14.32%	54
Total Respondents: 377		

Q5 Experts say the ideal mountain bike trail length for a local park is 4 to 6 miles. That’s long enough to make it enjoyable for local people but not so long as to make it a regional draw. With this information, would you prefer:



ANSWER CHOICES	RESPONSES	
Keeping the mountain bike trails under 6 miles.	71.05%	270
Making the mountain bike trails longer than 6 miles to make them a regional draw.	28.95%	110
TOTAL		380

Q6 One idea for the golf course in winter is to use it for cross-country skiing. This design proposes two connecting 2-mile loops, making a total 4-mile course if desired. The clubhouse would serve as a warming facility.

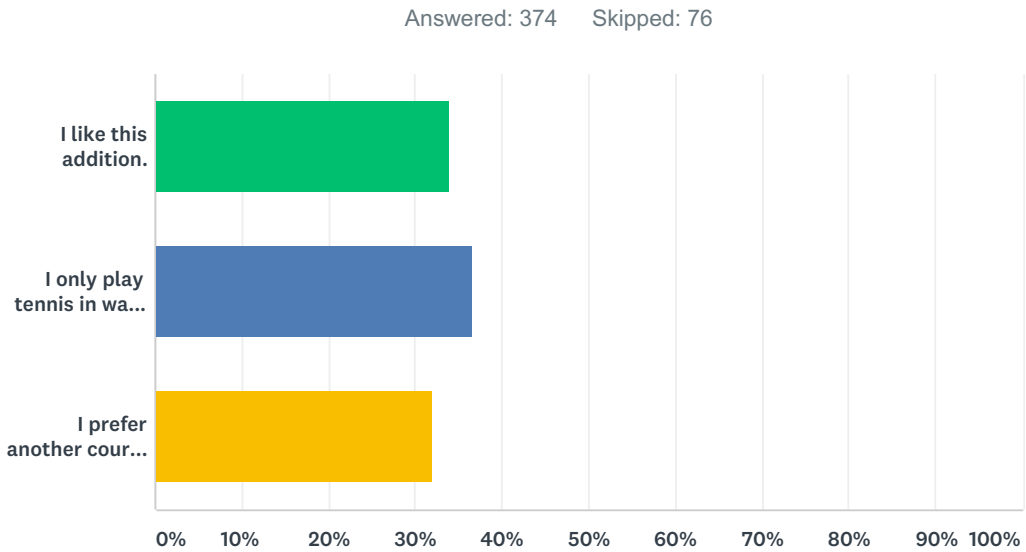


ANSWER CHOICES	RESPONSES	
I like this idea as is.	59.49%	235
I would like a longer course.	9.62%	38
I would like shorter course lengths.	1.77%	7
I wouldn't use this feature.	23.80%	94
I suggest another use for this area:	5.32%	21
TOTAL		395

#	I SUGGEST ANOTHER USE FOR THIS AREA:	DATE
1	Maybe	10/12/2017 10:45 PM
2	Nature or golf concerns I like the idea as long as it's kept natural with no extra lights or environmental impact.	10/12/2017 10:50 AM
3	Nature or golf concerns No - won't this tear up the greens if there is too little snow. Maintenance costs too high	10/12/2017 5:12 AM
4	Mountain or fat tire bike Fat bike trail with more limited Xc skiing, Hyland is too close to need this	10/10/2017 5:37 PM
5	Mountain or fat tire bike Winter mountain biking	10/10/2017 9:09 AM
6	Mountain or fat tire bike Mountain Bike Trails	10/10/2017 8:07 AM
7	Unnecessary not necessary	10/8/2017 11:01 AM
8	Mountain or fat tire bike Groom for fat tire mountain biking trails and races.	10/5/2017 9:26 PM

Braemar Park Concept Alternatives		
9	Nature or golf concerns Why can't one last area of a natural nature area be left as is. Walking paths are great. Do bikers have that much clout to raise these suggestions year after year as we had meetings in the past.	10/5/2017 8:50 AM
10	Cross country ski trails should not be on the flat golf course but on trails in the hills.	10/2/2017 9:34 PM
11	Nature or golf concerns How about a golf course????	10/2/2017 7:12 PM
12	Mountain or fat tire bike More mountain biking trails	10/2/2017 6:52 PM
13	Disc Golf I enjoy walking but I find it boring. Recently I have been playing disc golf! It is so much fun. The Edina course is so easy, fun but easy. I drive up to 30 minutes and will pay \$5 to play nice courses on top of the drive. It is a great way to exercise while doing something fun and competitive in nature. I would love to see Edina start to compete with other cities and have a fun challenging disc golf course!.	10/2/2017 5:58 PM
14	Nature or golf concerns Keep it as green space and animal habitat.	10/2/2017 5:51 PM
15	Unnecessary Highland Park has great trails 3 miles away!!	10/2/2017 12:56 PM
16	Unnecessary Cross country skiing on a golf course is windy, would be better to make trails in the trees.	10/2/2017 11:44 AM
17	Disc Golf Pay to Play Disc Golf Course. It is the fastest growing sport in the USA today!	10/2/2017 11:22 AM
18	Mountain or fat tire bike Fat Biking	10/2/2017 11:14 AM
19	Unnecessary I like sking but skiing on a completely open wind driven course is not as enjoyable and hard to maintain.	10/2/2017 10:34 AM
20	can the area support both walking and skiing?	10/2/2017 10:21 AM
21	Sledding Area	10/2/2017 10:14 AM

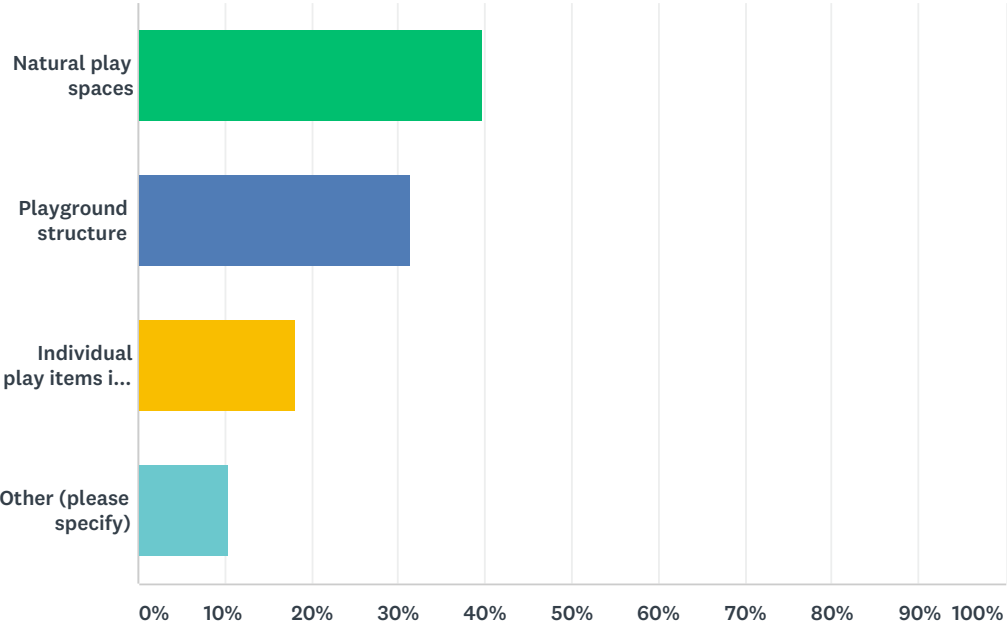
Q7 Proposed changes to the Braemar Golf Course area including adding raised tennis courts so they can be used in more than one season.



ANSWER CHOICES	RESPONSES	
I like this addition.	33.96%	127
I only play tennis in warm weather and wouldn't use these.	36.63%	137
I prefer another court or feature:	32.09%	120
Total Respondents: 374		

Q8 If a play area were added to Courtney Fields (the baseball fields), what type would you like most for children?

Answered: 379 Skipped: 71

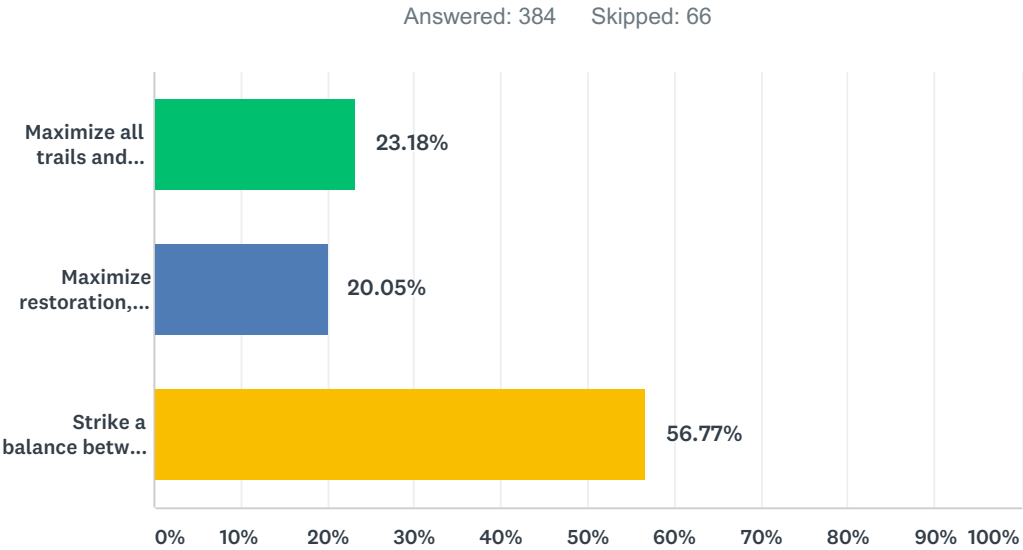


ANSWER CHOICES	RESPONSES	
Natural play spaces	39.84%	151
Playground structure	31.40%	119
Individual play items in a nature setting	18.21%	69
Other (please specify)	10.55%	40
TOTAL		379

#	OTHER (PLEASE SPECIFY)	DATE
1	Don't know enough about what the natural setting would look like/kids opinions of it, to vote	10/14/2017 7:31 AM
2	Inclusive play structure	10/12/2017 10:32 AM
3	Not sure of the cost, but the play area at Lake Harriet is excellent	10/12/2017 8:34 AM
4	No opinion or not needed I would not use this and there seem to be plenty of parks for children	10/12/2017 7:27 AM
5	Should have a nature focus - not be just another duplicative jungle-gym type space like every other park in Edina	10/10/2017 6:57 PM
6	No opinion or not needed No opinion	10/10/2017 3:58 PM
7	More bike trails	10/10/2017 1:43 PM
8	No opinion or not needed no comment	10/10/2017 12:39 PM
9	More baseball freilds	10/10/2017 8:24 AM
10	No opinion or not needed NA to me	10/10/2017 8:09 AM
11	Race play course	10/10/2017 8:08 AM
12	No opinion or not needed Do we need a play area for the baseball fields?	10/9/2017 3:07 PM

13	No opinion or not needed edina has numerous play areas--not necessary to add more	10/8/2017 11:05 AM
14	i don't have children	10/6/2017 9:17 AM
15	No opinion or not needed not necessary in my opinion	10/6/2017 7:29 AM
16	No opinion or not needed No opinion	10/5/2017 5:37 PM
17	No opinion or not needed I wouldn't use this feature.	10/5/2017 4:34 PM
18	No opinion or not needed NA	10/5/2017 3:37 PM
19	No opinion or not needed no ideas	10/5/2017 3:20 PM
20	Depends on the targeted age group for use. Weber park playground serves many ages.	10/5/2017 8:55 AM
21	No opinion or not needed I don't have children who would use this play area.	10/4/2017 8:01 PM
22	Outdoor gym	10/4/2017 5:34 PM
23	climbing appartus - like chutes and ladders in Bloomington.	10/4/2017 2:37 PM
24	No opinion or not needed none	10/4/2017 10:24 AM
25	Yes! Is there an opportunity to add natural play area(s) in the walking path area too? (Like Richardson Nature Center?) This would be my preference - lots of natural play areas!	10/4/2017 3:39 AM
26	No opinion or not needed Don't add	10/3/2017 1:10 PM
27	No opinion or not needed NONE	10/2/2017 7:14 PM
28	I enjoy walking but I find it boring. Recently I have been playing disc golf! It is so much fun. The Edina course is so easy, fun but easy. I drive up to 30 minutes and will pay \$5 to play nice courses on top of the drive. It is a great way to exercise while doing something fun and competitive in nature. I would love to see Edina start to compete with other cities and have a fun challenging disc golf course!.	10/2/2017 5:58 PM
29	Bike terrain	10/2/2017 5:40 PM
30	Playground structure with splash pad feature like every other city has	10/2/2017 1:07 PM
31	No opinion or not needed None. This is a baseball facility. My kid plays there. I wouldn't want the distraction of little kids/playground no the added risks involved.	10/2/2017 12:53 PM
32	playground structure but Lewis Park badly needs a new structure first!	10/2/2017 12:42 PM
33	something for kids of all ages and sizes: not just toddlers but pre-teen as well!	10/2/2017 12:00 PM
34	Play structures designed for ALL ages (not just 5 and under) with natural elements similar concept to Minnesota Zoo natural play space- structures mixed with natural- Awesome!	10/2/2017 11:21 AM
35	No opinion or not needed No preference	10/2/2017 11:01 AM
36	The race play area (similar to a concept in Golden Valley) would be great	10/2/2017 10:38 AM
37	Can there be both a playground structure and natural spaces?	10/2/2017 10:23 AM
38	No opinion or not needed Do not need in this area	10/2/2017 10:21 AM
39	Basketball courts, pickleball	10/2/2017 10:17 AM
40	2 or 4 Petanque courts! Edina loved Petanque and they are small courts. :)	10/2/2017 9:57 AM

Q9 In some spaces, ecological restoration and recreation additions could be in the same areas. Which would you prefer?



ANSWER CHOICES	RESPONSES	
Maximize all trails and recreation, even if we sacrifice some restoration opportunities.	23.18%	89
Maximize restoration, even if it means fewer recreation opportunities.	20.05%	77
Strike a balance between restoration and recreation.	56.77%	218
TOTAL		384

Q10 This survey does not include all proposed changes. Are there any features or improvements not discussed in the survey that you would like to see?

Answered: 177 Skipped: 273

#	RESPONSES	DATE
1	no	10/17/2017 3:12 PM
2	Handicapped accessibility to Braemar baseball fields	10/17/2017 2:22 PM
3	Keep the area free of unnatural objects including snowmaking machines	10/17/2017 5:36 AM
4	no	10/16/2017 11:34 AM
5	I would like to see the ability to manufacture snow in the winter for the Nordic ski trails.	10/16/2017 10:50 AM
6	NA	10/16/2017 7:09 AM
7	I think adding paddle for winter would be great! Currently only at the Country Clubs but would be a great winter addition!	10/15/2017 6:26 PM
8	No	10/15/2017 3:04 PM
9	Clear understanding that walking trails can be used by runners	10/14/2017 2:18 PM
10	I am an enthusiastic proponent of cross country ski trails at Braemar, but unfortunately, we are at the mercy of climate variations that make natural snow very undependable. I am in favor of investigating the possibility of manufacturing snow for a portion of trails on the Braemar course.	10/14/2017 1:15 PM
11	A bike pump track	10/14/2017 7:52 AM
12	soccer field	10/13/2017 7:31 PM
13	Again, pickleball court	10/13/2017 3:38 PM
14	There are miles and miles of places in edina to run and walk but none for MTB. I think it would be great to have a local place to Mountain Bike, so that my team has a place to bike that minimizes the amount of busy streets to cross. It would keep us more safe.	10/13/2017 6:45 AM
15	We do not like too much development. Lets leave some wildlife areas.	10/13/2017 12:24 AM
16	I would like to keep the area as natural as possible. We can build recreation anywhere, but we can't build nature anywhere.	10/12/2017 10:53 AM
17	Think of adaptive and special needs kiddos, fences in playground areas as there aren't many large open spaces for us families	10/12/2017 10:32 AM
18	Make sure bike trails are separate and not near walking trails because pedestrians often walk on bike trails (as happens in the Edina Promenade). The maps were difficult to read online. Thank you	10/12/2017 10:31 AM
19	Beautiful area. Preservation of natural setting is of great importance it seems to me. Nice to make available to people, but not at expense of environment.	10/12/2017 10:18 AM
20	consider a few more pickle ball courts	10/12/2017 10:15 AM
21	I am desperate that the city add more off-leash dog play areas. The city of Edina is full of dogs who need access. Please (PLEASE) add more off-leash dog play areas to various areas of the city. The Braemar area is perfect for this addition. Northeast Edina is desperately in need. Powers that be - move for this cause, please!	10/12/2017 9:15 AM
22	No	10/12/2017 9:14 AM

Braemar Park Concept Alternatives		
23	A ropes course as part of a natural play space. We have so many attractions / places for elementary age - but not nearly enough for teens and adults (who aren't hockey players). If we want to be a healthy city - we need these attractions. Please help others understand that mountain biking trails aren't just for the EPS mountain biking team. They will benefit our entire community. There are no trails less than a 30 minute drive one way. Worth is an exception- but it's not in an area I like to leave my kids.	10/12/2017 9:08 AM
24	When you discuss restoration please discuss. Mosquitos. When Lake Nokomis was restored it is now virtually unusable do to bugs everywhere.	10/12/2017 9:03 AM
25	I am so pleased to see you are actively looking at Mountain Biking and CC skiing.	10/12/2017 8:34 AM
26	Would the mountain bike trails be year-round for fat-tire biking? Also, would the ski trails be groomed or natural?	10/12/2017 8:25 AM
27	There are a tremendous number of walking/hiking and play spaces in Edina already available - there are not enough mountain biking spaces and it is a ecologically friendly and fastest growing sport. I would prefer to see this ideal space geared toward MTB. Thank you.	10/12/2017 7:27 AM
28	Indoor tennis courts.	10/12/2017 6:25 AM
29	Stop spending money on amenities that bring people into our community and fix our roads.	10/12/2017 5:13 AM
30	Perhaps some other activities currently not supported in Edina parks, such as a simulated rock climbing?	10/11/2017 9:05 AM
31	Mountain biking skill loop	10/11/2017 7:32 AM
32	Have you considered bocci ball as a revenue source, with very reasonable pricing, for fun for all ages like Brookfield has.	10/11/2017 6:51 AM
33	A horse stable or equestrian center for all ages	10/11/2017 6:29 AM
34	No	10/10/2017 8:09 PM
35	This is Edina's last chance to save a natural environment for our kids, complete with wildlife. I believe those city planners who defer more to preserving our little remaining nature will be lauded in the future as our city grows up with high rises and concrete. This plan seems to sacrifice nature to an obsessive need to maximize every inch of space, every hour of the day. Please preserve our ability to walk in the quiet of the woods, on dirt trails, without extreme bikers careening around every corner!	10/10/2017 6:57 PM
36	Single track mountain biking would be my primary goal. Our community has plenty of options for walking trails and play areas, but nowhere for mountain biking. Let's get this built!	10/10/2017 6:01 PM
37	No wide Xc ski trails. A full ski plow width would make the length of trail too short to be worth going to over Hyland	10/10/2017 5:38 PM
38	A bike skills park. Bike repair area	10/10/2017 4:14 PM
39	OOGA	10/10/2017 4:10 PM
40	No	10/10/2017 3:57 PM
41	JUST MORE MOUNTAIN BIKE TRAILS	10/10/2017 1:43 PM
42	Holf off making any decisions until the existing golf course is completed and operational ... do not rush into anything!	10/10/2017 12:39 PM
43	Absolutely love the idea of having biking, skiing and hiking trails in my community!	10/10/2017 11:40 AM
44	Pickle ball courts would be sweet!	10/10/2017 10:21 AM
45	No the things I want added were in the survey	10/10/2017 9:48 AM
46	Yes	10/10/2017 8:24 AM
47	More Mountain Biking for those who want and need more and closer trails to ride.	10/10/2017 8:09 AM
48	I think it's important for the Edina MBT to have a great place to practice. My child has already been hit by a car riding to practice.	10/10/2017 8:09 AM
49	Don't bother adding/grooming Nordic trails if there is not snowmaking capacity. There are good ski trails at Hyland and Wirth with snowmaking; trails without snow become an afterthought, I would not bother to even act like there are Nordic trails without a commitment to their upkeep	10/10/2017 8:08 AM

Braemar Park Concept Alternatives		
50	Nah	10/10/2017 8:03 AM
51	The premier stadium, lighting and netting proposal at Courtney Field 1.	10/9/2017 3:07 PM
52	None of these changes to Braemar are needed in the Edina area. Just let the land be. All Edina does is over build what is not necessary.	10/8/2017 11:05 AM
53	Heated driving range that hits the balls outdoors in the winter, like GolfZone.	10/8/2017 7:49 AM
54	I wanted a choice of "none of the above" for biking trails. Preserving nature is best.	10/7/2017 3:43 PM
55	Looks great!	10/7/2017 2:07 PM
56	I am confused about the focus on mountain biking. I can't imagine many people taking advantage of that. I would focus on pedestrian trails, winter use (sledding, x-country) and family friendly recreation.	10/6/2017 2:49 PM
57	Put lights on 1-2 of the raised tennis/pickleball courts! Overall, this is MUCH more balanced than the plan proposed one year ago. I really like the direction this is going. Kudos to the planning team for great progress	10/6/2017 11:27 AM
58	no	10/6/2017 10:39 AM
59	Let's keep Braemar local	10/6/2017 10:18 AM
60	I would like to be sure that you maintain the privacy for the people that live on the east and south side of Braemar.(along Gleason Road) This should not become like the earlier plan for the night Lights and Snow making in this area. Thanks	10/6/2017 10:03 AM
61	Bike trails to Braemar	10/6/2017 8:56 AM
62	sledding hill with a tow rope	10/6/2017 6:46 AM
63	Why does someone (park and rec director and city council) keep bring up do work at a park with natural space. Doesn't seem needed and in the end would require more money and people to maintain.	10/6/2017 6:46 AM
64	snow shoe trail? skating rink (see above)? four season use of club house is essential	10/6/2017 4:13 AM
65	More use of land for mountain bike trails, with separation of trails by level of difficulty - beginner/intermediate/advanced as is the case at Murphy-Hanrehan, Lebanon Hills, etc.	10/5/2017 9:29 PM
66	Maximize regular bike trails and connect with other system trails.	10/5/2017 7:53 PM
67	In the winter can we have an off leash dog park area?	10/5/2017 7:15 PM
68	Add a dog park!	10/5/2017 6:56 PM
69	Not at this time	10/5/2017 6:38 PM
70	I believe there is a large flat open space in your design. For the large East Asian population that lives nearby, it should be offered as a cricket field, a huge sport in Pakistan, India and Bangladesh.	10/5/2017 5:57 PM
71	Trails for road, casual biking and on leash dog walking or off leash dog park.	10/5/2017 5:54 PM
72	I hope the snow making idea is DEAD!	10/5/2017 5:37 PM
73	More hard surface, kid-friendly bike trails around the perimeter and linking the neighborhood and various facilities.	10/5/2017 5:07 PM
74	I liked the concept of improving the road entrance into a parkway. This would raise the appearance of the overall park environment. Further, buck-thorn eradication would need to be a specific part of this plan.	10/5/2017 4:34 PM
75	I like the platform tennis. Can we stick a dog park in somewhere and a sliding hill or tubing hill.	10/5/2017 3:50 PM
76	Keep your commitment to having a good restaurant in the clubhouse. Tin Fish will be hugely missed! I love that they held events: snowshoe and beer sampling, trivia night, etc. Keep Braemar a park for the whole community.	10/5/2017 3:44 PM
77	Picnic area	10/5/2017 3:43 PM
78	I would like to see a plan that places the biking trails on the west side and the walking trails on the east side. Keep them separate for safety and noise reasons.	10/5/2017 3:37 PM

Braemar Park Concept Alternatives		
79	Let's keep some areas in natural state. I am against developing the entire area for trails or whatever. Natural Braemar is part of its draw!	10/5/2017 3:20 PM
80	Better lighting at Courtney Fields and improved netting between the fields.	10/5/2017 3:15 PM
81	It's disappointing that all hiking trails on the east ridge seem to be taken away and that space will be used only for mountain biking. If you want connection to the neighborhoods why remove that accessible feature for walkers?	10/5/2017 1:41 PM
82	Keep all bikers out of this area. The City is obsessed with bicycling.	10/5/2017 10:30 AM
83	Questions especially #9 would need specific proposals so residents could have input. These results could be used to voice agreement when we really know that things change and the scope could be much larger and different than a simple question can address.	10/5/2017 8:55 AM
84	Edina is behind most comparable communities in regard to trails that support healthy and active lifestyles. I'm confident the silent sport communities of biking, running, walking and xc skiing will ensure productive use and respect for these fantastic improvements.	10/5/2017 8:12 AM
85	Edina does not need mountain bike trails in the middle of the city. This space is better as natural settings, walking trails and playground space for children.	10/5/2017 5:41 AM
86	This survey is flawed. Where are the options of little to no mountain bike trails — where we leave the woods alone? This survey amgives you a fundamental choice between 2 objectionable options, both of which are bad. I want buckthorn to be removed. I like the idea of being able to walk through the woods and enjoy its beauty. Why do we insist on spending more money on things we don't need — at the cost of natural space? I'm especially baffled by the fact that we're considering spending this money for trails for a handful of community members (many of which don't live in Edina). Why on earth would we dedicate all of this space to one sport few engage in? I walk there now. If you dedicate this space to biking, I can no longer use it. How does that make any sense? This survey, and the process leading up to the decision point, is defective and asks leading questions.	10/5/2017 5:20 AM
87	Leave as much nature in place as possible!	10/4/2017 9:29 PM
88	It seems like the City Council can't stop wasting money on unnecessary projects. This is an unnecessary project.	10/4/2017 8:01 PM
89	Mountain bike trails would be really fun for the mountain bikers around here	10/4/2017 5:34 PM
90	I feel this was a poorly written survey. The options for each question were not balanced and seemed to be written to encourage a specific answer or result. Add trails - walking, natural play structures, tennis, snow sledding - make it a regional draw.	10/4/2017 5:33 PM
91	Off road bike trails (like the Nine Mile trail) but not mountain biking. Everyone can use paved bike trails, but only a few can use mountain bike trails.	10/4/2017 2:50 PM
92	Love the ideas of more walking trails and loops.	10/4/2017 2:30 PM
93	The possibility of an off leash dog park. We already have ski and bike trails and tennis courts but nothing for dogs in this area. Also, some bins for mess, as not all dog owners are responsible about pick up.	10/4/2017 1:01 PM
94	I am adamantly opposed to eliminating access to the current walking trails on the east side of Braemar from points south of the parking lot or changing the trails to bike trails. The access to these unspoiled trails from my house near Gleason's south end is one of the best features of the neighborhood. Leave an unspoiled area unspoiled, and save the money for other needed uses in areas that already have some development.	10/4/2017 10:37 AM
95	Why do you find it necessary to disrupt any of this land on the east side of Braemar. You have plenty of land and no housing on the west side. Any trails, especially bike, would be right on top of the homes on Gleason and Tanglewood Ct. This is as bad as having ski trails. If you want to get rid of the buckthorn just do that. Chopping into that woods is not the answer. Edina has plenty of recreation possibilities without destroying those woods.	10/4/2017 10:24 AM
96	I would encourage the city to become more expert in the use of natural space. It is not a this versus that it is rather of being more natural. Kid's play is natural. Adult exercise is natural. Both should be done in very natural settings. Don't over engineer this. It does not need to be forced.	10/4/2017 9:33 AM
97	No	10/4/2017 8:43 AM

Braemar Park Concept Alternatives		
98	No mountain biking at all. Both plans are a joke. This is a land grab by the EHS mountain bike team. The City should be ashamed.	10/4/2017 8:24 AM
99	Increase natural play areas, particularly along the walking paths. This will help kids to develop a life-long love of walking, hiking, and exploring in nature. My family will use the cross country trails, even if I don't ski.	10/4/2017 3:39 AM
100	Mountain bike and cross country trails within Edina are desperately needed. Driving 30 minutes to surrounding communities should not be necessary when there is space available. There are sufficient walking trails, but purpose built mountain biking trails would get a lot of use and be a valued addition to Edina.	10/3/2017 9:00 PM
101	I would like to see a new club house at Braemar... like the one at Elm Creek. It would be wonderful to have a fireplace and take advantage of the views. A restaurant like Red Cow would be great. I would like to see snowshoe and cross country ski trails... I do not want more tennis courts. I love the green spaces...	10/3/2017 8:25 PM
102	So far, think this plan of adding both single track mountain bike trails and cross country ski trails to the area are great. Edina is lacking in both.	10/3/2017 7:26 PM
103	Prefer bike trails to be on west side, away from houses. Please no tournaments or organized races on mountain paths for school or organizations that will draw crowds to park.	10/3/2017 1:10 PM
104	This is a great process. Thank you!	10/3/2017 11:23 AM
105	No wood burning--contributes to air pollution. Air pollution leads to numerous medical problems. We live in the city and our air is polluted enough.	10/3/2017 9:54 AM
106	There should be one walking path loop around the whole park. Walking paths should be two-way trails. The forests should not be drastically cut down to enable mountain biking or extensive trails. There are protected sections that are Oak Savanah and a Bird Sanctuary. Consider three season bike trails that convert to classic style cross country ski trails in the winter on the trails in the forests. There is no neighborhood sledding hill nearby that I know of, there could be a simple sled (walk yourself up) hill somewhere here. I hoped Edina would have another frisbee golf course, as the one at Rosland is so busy. Likewise, the putting greens at centennial lakes are so busy, maybe you could put some putting greens in this park, too. Seems like there are plenty of options for siting this. What about birding trails? What about a biathlon range? Be sure to allow ski boring. What about bee hives somewhere? What about solar panels on that mountain past the range? Please convert to native plantings wherever possible, especially on all that grass by the baseball fields.	10/2/2017 10:03 PM
107	The maps for mountain biking and walking are very confusing and misleading. Why not publish a map people can actually see and understand? Please make a better maps available.	10/2/2017 8:53 PM
108	I would love to see a playground ! There are lots of families in Edina with children !	10/2/2017 8:41 PM
109	At one point a snow tube hill was involved which seemed to Be a great option to recoup costs quickly and self sustain the park. There is nothing regionally like this. Not sure why that was dropped. Suggest a free splash pad type area incorporated into playground. Edina pool is too expensive for many who have smaller kids or kids of multiple ages you can't watch all at once. Appreciate multi purpose Spaces rather than committing to tennis/pickleball/volleyball	10/2/2017 7:59 PM
110	I went to the first info session. I don't recall seeing this number of biking trails. Has the design changed from meeting to meeting? I worry that hikers won't be able to enjoy the South/East ridge line. It will be packed with bikers. Along, is there money to put all of this in and maintain it? We should get rid of the buckthorn and not strive to have balance in the park. Feels like the biking just got way too much.	10/2/2017 7:33 PM
111	No	10/2/2017 7:25 PM
112	STOP IT NOW!!! There is too much change in Edina. The manager and City Council have no idea what they are doing. STOP SPENDING MONEY!!!!!! It is not growing on trees!!!!!!!!	10/2/2017 7:14 PM
113	Focus on providing multiple options for families with kids of all ages; alternatives for families who spend lots of time there for various sporting events and activities during all seasons	10/2/2017 6:59 PM
114	Nope	10/2/2017 6:53 PM
115	No, but please make the 6 mile MTB trail work	10/2/2017 6:39 PM

Braemar Park Concept Alternatives

116	I would love to have a local mountain bike trail system at the disposal of our community. The proposed trail designs look good to me and it would be something that I would utilize multiple times per week. All of that said, a balance with the community (not being a large regional draw so we don't upset neighbors) is paramount.	10/2/2017 6:37 PM
117	I enjoy walking but I find it boring. Recently I have been playing disc golf! It is so much fun. The Edina course is so easy, fun but easy. I drive up to 30 minutes and will pay \$5 to play nice courses on top of the drive. It is a great way to exercise while doing something fun and competitive in nature. I would love to see Edina start to compete with other cities and have a fun challenging disc golf course!.	10/2/2017 5:58 PM
118	Biking trails for this small space is a terrible plan. This survey does not allow anyone to oppose the bike path plan. Please redo this survey!!!	10/2/2017 5:53 PM
119	Bike pumps and repair station like those on the Greenway	10/2/2017 5:40 PM
120	GPS golf carts	10/2/2017 5:38 PM
121	The biking options seem to have been super-sized. I'm concerned that the natural landscape will be sacrificed with so many trails and potential riders/usage on them. I'm concerned that walkers will be edged out and Braemar will be overrun with fast-based mountain biking. I support a bike system that augments what is available at Wirth park but not an extensive set of trails that prioritizes mountain bikers over the many other residents who enjoy the peaceful qualities of Braemar. It seems that we'd be sacrificing a lot with a steady stream of bikers. I hope buckthorn eradication is still on the list. Thank you for sending this survey.	10/2/2017 4:52 PM
122	Add a full sidewalk along the entire length between Gleason and valley view and AGGRESSIVELY POLICE THE 30mph speed limit on that road!!!!	10/2/2017 4:33 PM
123	Add a mountain biking trail on the hill alongside the frontage road and behind public works area	10/2/2017 4:08 PM
124	Pickle ball courts	10/2/2017 3:27 PM
125	Skate AND classic nordic ski trails. Separate from fat bikers. Please.	10/2/2017 3:14 PM
126	Sounds like you are considering the right things.	10/2/2017 2:28 PM
127	http://gfoutdoorfitness.com/trail-fitness/ I don't have anything to do with this company - it could be any outdoor fitness company -	10/2/2017 2:26 PM
128	Local / city park and not a regional draw get a new restaurant / concession available 12 months a year	10/2/2017 1:51 PM

Braemar Park Concept Alternatives

129	There are not enough questions, and they are vague. Natural habitat restoration and mountain biking single track trails are synonymous, not mutually exclusive. Single track mountain biking trails are designed with the environment in mind. Richard Mandell's original restoration plan (see May 5, 2015 Report - Ecological Enhancements) for the golf course called for implementing Barr Engineering's February 2015 natural resources restoration plan - including the IMMEDIATE eradication of all invasive species on and restoration of the East, Northwest and Southwest Ridges, as well as ACOE Parcel C on the southern boundary. The eradication and restoration project should have been performed simultaneously with the golf course renovation. It should be completed immediately now to preserve the remaining oak trees, enhance the golf course experience, and provide the ecological community benefits that Richard Mandell highlighted in his report. Given the City's invasive species eradication and natural resources restoration project in Arden Park, the same immediacy should be applied to Braemar Park. Advanced single track mountain biking trails should be included on Antenna Hill, for several reasons. First, the park land is not being used for any competing purpose. The public works department uses it to dump trash. This indiscriminate dumping should be eliminated. Public works has plenty of space elsewhere. Second, it is important to provide a depth of experience to make the entire trail a first class experience for Edina residents (just as Edina seeks to do with its other park projects, such as Courtney Field, Braemar Golf Course and Braemar Arena, for example), and to encourage repeat use by the community. Third, it is important to include beginner, intermediate and advance trails for young and old, to continually encourage new users, and provide depth of experience as riders improve their skills. Fourth, if the trail is used for events, such as high school mountain biking meets or winter fat tire biking events, additional advanced terrain is needed. The plan should include a mountain biking skills park. This has been identified as a very popular and essential amenity in places like Lebanon Hills, Cuyuna Lakes and Duluth, because it allows riders to practice for what they will experience on the trail, and because it allows riders to develop their skills to further enhance and encourage their use of the trail. This plan does not state the horizon for implementation. The eradication of invasive species and natural habitat restoration should be undertaken immediately, and completed within 2 years as originally contemplated in the Mandell Plan - and in the same time frame as the Arden Park restoration plan. The walking and single track mountain biking trails should be constructed simultaneously with the invasive species removal and habitat restoration. This work can and should be done in the next 12-24 months. The walking path on the north side of the park needs to be physically separated from Braemar Boulevard by at least 4 feet, with a natural barrier. The longer term plan should call for the installation of curbs on Braemar Boulevard, with parking bays to encourage people to park along Braemar Boulevard and use the trail, similar to the parking bays along Olinger Boulevard by Bredesen Park. Users should not be forced to park in the golf course parking lot to use the trail. The old number 20 golf hole should not be preserved as a "practice" golf hole for private instructors. There is plenty of golf at Braemar already, with the 18 and 9 hole courses, chipping and putting greens and a driving range. Private instructors can use all of those facilities. In addition, the Council rejected the idea of practice holes when it rejected the course renovation proposal that would have preserved hole 20 and 3 others for practice. This property needs to be put to another, higher use, such as the beginner section of a single track mountain bike trail (just as this property was contemplated as the beginner section for XC skiing) or ropes challenge courses. More thought and planning is needed on the walking path on the north side of the park. A path for walkers that is separated from the road by a buffer of at least 4' is needed. The	10/2/2017 1:46 PM
130	picnic area to meet, sit, grill, eat, etc. while close enough by all the activities.	10/2/2017 1:43 PM
131	I didn't see any picnic areas. Those who live nearby could use some green "family" space.	10/2/2017 1:41 PM
132	I would like to see fewer improvements. Keep things natural. That is what makes the Braemar space so great. We don't need to "improve" by adding a bunch of costly features. I would like to see the wooded area on the east along Gleason Rd kept natural/only do ecological restoration there. I do not want to see destruction of the landscape for a massive bike trail system. Minimally disruptive trails would be fine.	10/2/2017 1:36 PM
133	I am most interested in the walking/running trails.	10/2/2017 1:32 PM
134	It would be nice to have some sort of modest shelter or wind break by the soccer field/dome site. Prior to the dome going up it gets cold in the fall and parents end up siting on concrete blocks and shivering at night while their kids practice!	10/2/2017 1:13 PM
135	I didn't see a paved sidewalk with curb extension along Braemar Blvd connecting to the new sidewalk on Valley View. This safely connects the neighbors to the different parks and golf course.	10/2/2017 1:07 PM
136	Plant trees to replace the hundreds lost in the golf course redevelopment	10/2/2017 1:00 PM
137	please don't do this, it's great as is	10/2/2017 12:53 PM

Braemar Park Concept Alternatives		
138	I just learned that the Tin Fish is closing. A restaurant feature in the park is quite a draw. The city should do whatever it can to facilitate another vendor in that space.	10/2/2017 12:53 PM
139	Mountain biking, if at all, should be recreational for residents of all ages. Edina doesn't need high level trails for more expert bikers that would draw competition from a regional area. This should be a safe trail system for bikers of all ages, with minimal cost to maintain and minimal risk of injuries and potential legal liability. The areas designated for mountain biking should ensure adequate buffer areas are included, buckthorn is removed and removal of other trees are minimal. Separately, will platform tennis be used enough to justify its costs to build and maintain?	10/2/2017 12:50 PM
140	No, I love they cross country ski trails, the mountain biking trails in the platform tennis - But I would do more than one platform tennis court	10/2/2017 12:30 PM
141	No	10/2/2017 12:23 PM
142	Nordic ski trails with snowmaking would fill a critical void in our community, would be well-used, and would generate revenue	10/2/2017 12:04 PM
143	clear out some of the woods, weeds so that the sledding hill is safer;	10/2/2017 12:00 PM
144	I do not believe the benefit of mountain mike trails is worth the impact on residents in area due to increase traffic, parking and disturbance to the residents on the east side of park!	10/2/2017 11:49 AM
145	Really disappointed with the ski proposal. Basically no different than now, which is unskiable.	10/2/2017 11:46 AM
146	Walking trails could be used by a wide variety of people at a lower cost	10/2/2017 11:42 AM
147	Golf design input	10/2/2017 11:29 AM
148	No but please don't ruin the quality of life for the neighborhood by cutting down foliage to make room for biking trails - we want to keep our wooded area wooded!	10/2/2017 11:28 AM
149	Make it ADA friendly. Edina is one of the worst citie sin MN for ADA commuting and parks. Please make sure you develop this so disabled people can share in the fun too!	10/2/2017 11:24 AM
150	Sledding hill- maybe braemar could serve as a warming house Skating loop? Similar to Central Park in maple grove	10/2/2017 11:21 AM
151	No	10/2/2017 11:19 AM
152	Sidewalks or maintained trails along Braemar Blvd	10/2/2017 11:16 AM
153	Sledding hill.	10/2/2017 11:05 AM
154	Splash pad as part of the play structure	10/2/2017 11:03 AM
155	I would like to see the Nordic ski trails emphasized more.	10/2/2017 11:01 AM
156	Nature trails (walking) instead of mountain biking	10/2/2017 10:59 AM
157	It would be absolutely necessary that we have some sort of bakery or coffe shop in the area. This would facilitate more community use of the areas and bring people together as a gathering spot for conversation or pick up a cold/hot drink while at the park in the cold/hot months. It is absolutely wonderful and needed convenience that we don't have in any walking distance in this corner of Edina.	10/2/2017 10:39 AM
158	If cross-country trails are going to be added, it really needs snowmaking equipment. If that is not part of the plan, I would not suggest maintaining trails, skiers will just go to Hyland nordic trails	10/2/2017 10:38 AM
159	no	10/2/2017 10:29 AM
160	DON'T CUT DOWN ANY MORE TREES. THERE HAS BEEN TOO MANY REMOVED AT THE GOLF COURSE. FALL SEASON WILL BE LACKING IN THE BEAUTIFUL COLOR THE GOLF COURSE PROVIDED, AND IT WILL BE TOO MANY YEARS BEFORE THE NEW TREES COMMAND THE ATTENTION LIKE THE REMOVED ONES DID. SUGGESTING THAT THERE WILL BE MORE TREE THAN IN 1947 IS CONFUSING AS MANY OF US DIDN'T LIVE HERE IN 1947. HOW MANY MORE OR LESS TREES WILL THERE BE ON THE GOLF COURSE IN COMPARISON TO WHAT WAS THERE IN 2015?	10/2/2017 10:29 AM
161	As a resident not currently using these areas for recreation, it is difficult to read maps to offer good input. I have used my best judgement in responding but additional maps or surveys could help get a better representation. It would be good to avoid complaints about this project with clear and thorough discussion.	10/2/2017 10:27 AM

Braemar Park Concept Alternatives		
162	Both concepts show too much intense development. Why not just integrate a few trails, include the cross-country skiing aspects and leave the rest of the area as is. From previous park renovations here in Edina, the end results have been highly developed and urbanized park areas - most unpleasant and better suited to cities with less real natural beauty than Edina.	10/2/2017 10:24 AM
163	Will there be picnic places?	10/2/2017 10:23 AM
164	I like the XC Ski and Mountain Bike additions. Thanks.	10/2/2017 10:21 AM
165	I'd like to see a FAR greater balance of walking, hiking, jogging trails over mountain biking. I'm fine with them having an area to play and train, but dedicating the majority of the paths to one niche type of biking is lunacy.	10/2/2017 10:19 AM
166	Paddle boats	10/2/2017 10:17 AM
167	Sledding, and walking trails moreso	10/2/2017 10:14 AM
168	I like the thought put into the plans. I run around Braemar often - it would be great to have a trail right inside Braemar. So many tennis options close to Braemar - consider pickleball.	10/2/2017 10:12 AM
169	Create active uses for all ages. The proposed open land could also handle additional fields for soccer, lacrosse, football, etc. The parking lot at the golf course is large enough to handle additional traffic plus would help out the restaurant operating there.	10/2/2017 10:10 AM
170	I know you are preserving the golf features but just as a point of reference for some users - I don't care about golf, at all, so preserving all golf at the expense of other potential uses not on my radar. I'm not proposing getting rid of golf just that it's not the end all be all we should be concerned with.	10/2/2017 10:09 AM
171	a state-of-the-art playground (a regional draw) - thinking about the central, well-designed playgrounds in Chicago and Seattle	10/2/2017 10:05 AM
172	I'd like to see platform tennis courts in Edina, either at Braemar or Fred Richards. This is a great family sport, and courts can be used year round.	10/2/2017 10:04 AM
173	I still think snow tubing hill would draw more winter use and families to the area.	10/2/2017 10:02 AM
174	Petaque!	10/2/2017 9:57 AM
175	After seeing the traffic completely slow to a stop on Crosstown 62 during Pickleball play, I think it shows that there would be interest in including Pickleball courts somewhere. I do not play (yet), but people seem to love it.	10/2/2017 9:54 AM
176	I didn't even know there was a park at Braemer, I thought is was only a golf course and a hockey arena. I've lived in Edina 10 years, what kind of outreach does the Park Department have?	10/2/2017 9:47 AM
177	More/better cross country ski trails, specifically using the woods and slopes East, south and west of the golf course. Great way to get rid of buckthorn choking out the oak savanna. Would make an INCREDIBLY challenging and fun course. Maximizing recreational use of those woods is the only way to keep buckthorn from choking it, as has happened throughout adjacent Bloomington. I will help build and maintain ski trails, as will hundreds of other skiers	9/30/2017 11:14 AM

Survey #3

Q1 In reviewing the Preferred Master Plan Concept for Braemar Park, what do you like about the plan? Which amenities would you use?

Answered: 202 Skipped: 0

#	RESPONSES	DATE
1	Mountain Bike Trails	11/8/2017 7:26 AM
2	mountain bike trails!	11/7/2017 7:40 PM
3	hiking, xc skiing, mountain biking, sledding	11/7/2017 12:06 PM
4	Able to use the park for other Interest beside golf, hiking, Mt biking, cross country skiing.	11/7/2017 10:40 AM
5	The single track mountain bikes trails.	11/7/2017 9:23 AM
6	Mountain Bike Trails Cross Country Ski Trails	11/7/2017 9:11 AM
7	Trails, tennis, sledding and picnic areas	11/7/2017 7:53 AM
8	Love the concept of adding mountain bike trails to Edina. It would be a wonderful addition. Also, having both skate and classic cross country skis accessible would be a wonderful. Both are family sports and growing in popularity.	11/6/2017 10:26 PM
9	Mountain biking! Hiking. All amenities would be used extensively by my family	11/6/2017 9:43 PM
10	Impressive effort to combine multiple uses in the space. My entire family would use the mountain bike single track trails. 5.4 miles with features built in would keep us coming to use the trails often.	11/6/2017 9:20 PM
11	Mountain bike trails, cross country ski trails	11/6/2017 9:09 PM
12	Mountain Biking, xc skiing (skate) would be best new features. Like lawn court also.	11/6/2017 9:07 PM
13	I would definitely use the mountain bike trails....excellent add to Edina's amenities. Also like the lawn bowling feature and the new golf course!!	11/6/2017 9:05 PM
14	I like that it has three nice mountain biking trails. I would use the mountain biking trails extensively.	11/6/2017 8:41 PM
15	I love the mountain bike plan. The nearest place to mountain bike is Theo Wirth or the river valley. This sport has matured and now enjoyed by ages and skill levels. I'm 55 and try and ride 3-4 times a week. I'd ride more if there were more closer options. Just like a golf course or city park, a well designed one will attract users, a bad one will be empty. If you build a mountain bike trail, do it right and get people that know how to build a sustainable enjoyable trail. There's more science and skill to this than just cutting a trail in the woods. Having beginner and more advanced sections is very important to include all skill levels. It's all about having a great experience for everyone.	11/6/2017 8:41 PM
16	Running and snow shoe options.	11/6/2017 8:28 PM
17	Mountain bike single track Walking trails Like the buffer that mountain bike trail creates	11/6/2017 8:24 PM
18	Mountain bike and hiking.	11/6/2017 8:21 PM
19	What I like about the plan is how it encompasses a lot our MN activities in one place. Braemar is a great section of real estate that should be accessed by more than the the golf community. I would use the Mtn bike trails, Cross country skiing in the winter, and the Fat bike trails. I would also like to walk the trails or snowshoe in the winter.	11/6/2017 8:02 PM
20	mountain biking, hiking, trail running, snowshoeing, sledding, reflecting	11/6/2017 7:50 PM
21	There is a lot of space for all of Edina interest. Specifically the interesting a fun sport mountain biking. Which has taken an immeace popularity in the past years. This will give the people of Edina a fun new sport to try out.	11/6/2017 7:34 PM
22	I am most impressed the plan offers a variety of many sports for all ages. Mountain biking would be a safe place for the Edina Mt Bike team to use. I would be interested in pickle Ball, hiking and just being able to use such a beautiful park.	11/6/2017 7:25 PM

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23	Mt bike trails would be used by many local riders. Take a look at the how many users the Cuyuna trails have attracted.	11/6/2017 7:20 PM
24	I would use the mountain biking trail often as a member of a local cycling team	11/6/2017 7:15 PM
25	Soft service trail and the mountain bike trail	11/6/2017 7:15 PM
26	I would use the Mountain Biking Trails on my own and with my family - as well as the walking trails.	11/6/2017 7:14 PM
27	Mountain biking trails	11/6/2017 7:11 PM
28	I would use the trail system, especially the single track mountain bike trails. I ride my bike every day and it would be really great to have trails in my home town, instead of having to drive to Minneapolis to ride.	11/6/2017 7:08 PM
29	I like the mountain bike trails because it is a fun way to exercise, and a great way to get todays kids in nature.	11/6/2017 6:58 PM
30	I think the plan for the mountain bike trails looks great and I would use them very frequently!	11/6/2017 6:50 PM
31	I like the mountain bike trails, I plan on using them everyday	11/6/2017 6:46 PM
32	I like the long length of the trail	11/6/2017 6:44 PM
33	The mountain biking trails	11/6/2017 6:43 PM
34	Love it all! We'd use the bike, hike and ski trails in our family	11/6/2017 6:20 PM
35	The mountain biking trails are an excellent addition. There are no similar trails within 10 miles. Our H.S. mountain biking team will use them.	11/6/2017 5:42 PM
36	I would use the mountain bike trails	11/6/2017 5:36 PM
37	Golf, bike trails, platform tennis	11/6/2017 4:10 PM
38	Mountain biking trails	11/6/2017 3:57 PM
39	I like the inclusive nature of the plan - walking/running, MTB and nordic ski. It appears many important concepts have been included to maintain the integrity of the plan and ultimate design	11/6/2017 3:05 PM
40	Mountain biking for sure and likely cross country skiing	11/6/2017 2:08 PM
41	Mountain Bike trails.	11/6/2017 12:28 PM
42	Particularly like the bike and walking paths especially around the periphery. Very thoughtful design.	11/6/2017 12:21 PM
43	Mountain biking	11/6/2017 12:15 PM
44	Skiing and cycling	11/6/2017 11:57 AM
45	Hiking & snowshoeing, pickleball	11/6/2017 11:37 AM
46	Feels like it provides good utility for a space that was otherwise considered a dead zone.	11/6/2017 11:35 AM
47	Mountain bike and walking paths.	11/6/2017 10:54 AM
48	I am an outdoor enthusiast. I would use the mountain bike trails, soft surface trails for running and the ski trails in the winter.	11/6/2017 10:38 AM
49	Increased biking access and trails. Very necessary in city.	11/6/2017 10:16 AM
50	mountain bike trails	11/6/2017 10:08 AM
51	Mtn biking trails, snow shoeing, cross-country skiing	11/6/2017 10:04 AM
52	Mountain bike trails and Natural Resource Restoration	11/6/2017 10:02 AM
53	My favorite part of the plan: the mountain bike trails.	11/6/2017 9:25 AM
54	I like the mountain bike and hiking trails	11/6/2017 9:25 AM
55	I like the idea of expanded off pavement biking	11/6/2017 9:21 AM
56	Single track mountain biking trails with the ability to ride fat bikes on them in winter	11/6/2017 8:44 AM

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57	I like the access to the park and all the paved and soft trails for walkers and runners. I also am in favor of the mountain biking trails.	11/6/2017 8:27 AM
58	It includes mtn bike trails! Hiking and biking trails.	11/6/2017 8:10 AM
59	Baseball fields and mountain bike trails.	11/6/2017 7:58 AM
60	Serves many interests. Would use the ski trails, mountain bike trails and hiking trails.	11/6/2017 7:56 AM
61	All of it. Great idea. Bike trails. Running, walking. It would be a draw for the area.	11/6/2017 7:21 AM
62	The mountain bike trail	11/6/2017 6:56 AM
63	I am excited about mountain biking and winter fat biking. I might consider xc sking.	11/6/2017 6:42 AM
64	Mountain Biking trails are much needed in Edina	11/6/2017 6:13 AM
65	Mountain bike trail.	11/6/2017 5:52 AM
66	Mountain bike trails	11/6/2017 5:41 AM
67	The Master Plan looks really nice for many different user groups. Bicyclists get some terrific dirt trails, walkers/runners get some terrific trails. Skiers get a nice place to ski when we have snow. Some of the locals who border the park complain a lot, and seem to want nothing to be done in the park, but the park is an amenity for the entire city's population, and I think the buffer zone included in the plan is very accommodating to their complaints (of basically seeing anyone in the park). I would use the mountain bike trails extensively.	11/5/2017 11:17 PM
68	restoring the oak savana and CC ski trails	11/5/2017 9:53 PM
69	spend the money else where and not on the Park. Roads, lower property taxes, schools, etc.	11/5/2017 6:04 PM
70	Attention given to nature restoration, circular walking path, low-tech XC skiing on the golf course, smaller mountain biking footprint than in previous version, ideas for platform tennis/other activities	11/4/2017 1:32 PM
71	I like the mixture of available amenities. I would use the walking trails, mountain biking trails, pickleball courts, the lawn games area and possibly the cross-country skiing trails (in addition to the golf course)	11/3/2017 12:21 PM
72	I like the idea of including mountain biking trails in Braemar.	11/3/2017 11:47 AM
73	Looks incredible. Love the year round use potential. I would use biking- mountain and fat tire. Also snow shoeing and cross country.	11/3/2017 9:10 AM
74	Love the trails and addition of different options (platform tennis, pickle ball, etc.)	11/2/2017 5:22 PM
75	Ski trails and running trails	11/2/2017 2:08 PM
76	It looks like you have come up with a good plan.	11/2/2017 1:51 PM
77	Trails. I like summer and winter trails, and would use them year round.	11/2/2017 9:42 AM
78	the walking path around the golf course and cross country ski path is nice	11/2/2017 6:49 AM
79	Great Mountain bike trails	11/2/2017 5:45 AM
80	I really like the proposed changes to Courtney Fields. Huge improvement to have the entrance identified and redone, and I love the added shade and kids play areas.	11/1/2017 8:58 PM
81	Yes. It has a lot of variety. I'd use the hiking and mountain biking trails and maybe the cross country skiing area.	11/1/2017 8:46 PM
82	We have elementary-aged children and all in our family are avid bikers and cross-country (skate and classic) skiers, but we probably would not use any of the ski or bike trails. Relying on natural snow for cross country skiing is not realistic, given our recent snow-less winters. Also, the grooming and maintenance of the cross country ski trails will not hold up well if walking paths are anywhere nearby. Not having any lit ski trails will mean we won't be able to ski on weeknights.	11/1/2017 8:43 PM
83	Walking trails, cross country skiing, lawn and restaurant patio	11/1/2017 8:25 PM
84	Ski trails, mountain biking, walking trails, paddle tennis	11/1/2017 8:18 PM
85	All of it looks good. I would use the walking and non athletic bike trails.	11/1/2017 7:53 PM
86	I like that it incorporates a wide range of activities, and natural resources restoration. I would primarily use mountain biking trails.	11/1/2017 7:14 PM

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87	soft walking trails. pickleball courts	11/1/2017 6:48 PM
88	I would use walking paths and paddle tennis	11/1/2017 4:15 PM
89	Walking paths	11/1/2017 3:59 PM
90	The golf course. Perhaps the walking trails, but we would use them a lot more if the proposed mountain biking trails were reduced or eliminated for more walking trails.	11/1/2017 3:57 PM
91	I like the addition of a new playground to the Courtney Baseball Field area. I also like the Mountain bike trail and cross country ski and walking trail. I like the soft path walking trail.	11/1/2017 3:01 PM
92	I really like the Mountain Biking trails, our family will definitely use them. We may also use the soft and hard walking paths	11/1/2017 2:34 PM
93	mountain bike trails, cross country ski trails, some paved trails	11/1/2017 2:24 PM
94	Mountain bike trails	11/1/2017 2:09 PM
95	All the ideas around the baseball area seem good. (nice to finally have playground, shade). Like the walking trails Like the ideas around Tin Fish area.	11/1/2017 2:07 PM
96	The improvements to Braemar baseball complex are crucial and important. They will take the complex from good to really great. Additional shade at the fields and up top, the playground feature, and the dropoff/turnaround and welcoming feature are all much needed.	11/1/2017 2:04 PM
97	Multiple use features. Walking and biking trails.	11/1/2017 1:58 PM
98	walking trails and bike trails	11/1/2017 1:51 PM
99	The walking paths and the mountain biking trails. I might use the platform tennis courts.	11/1/2017 1:50 PM
100	Walking paths, pickleball, and paddle tennis are nice upgrades.	11/1/2017 1:46 PM
101	I like and will use the improved walking trails, and completed bike trail along the road. I may use the cross-country ski trails but there isn't enough info to determine at what level they will be developed and groomed - if very good, yes, but if an after-though I'll still just use Hyland. I'm fine with the rest but may not use.	11/1/2017 1:19 PM
102	Walking and biking paths--	11/1/2017 10:10 AM
103	Bike trails	11/1/2017 10:02 AM
104	The mountain bike trails! I would use the mountain bike trails extensively with my family.	11/1/2017 9:09 AM
105	Platform tennis, pickle ball, hiking trails, mountain bike trails, golf practice hole	11/1/2017 8:37 AM
106	walking, running, skiing, platform tennis	11/1/2017 8:06 AM
107	Mountain Bike trails mostly! though some hiking and skiing too	11/1/2017 7:25 AM
108	the mountain bike trail would be great exercise!	10/31/2017 10:19 PM
109	pickleball courts, cross country skiing, winter walking, snow shoeing	10/31/2017 7:03 PM
110	Like bike path, tennis/pickleball	10/31/2017 6:45 PM
111	the scenic overlook by Braemar arena and the sliding hill	10/31/2017 6:45 PM
112	I like that it incorporated the mountain bike trails and natural restoration areas. I will definitely be using the mountain bike trails frequently.	10/31/2017 4:57 PM
113	The quantity of of mountain bike trails especially, and the types of features that those trails have.	10/31/2017 3:29 PM
114	I like everything and would use all of them especially the rollers	10/31/2017 1:37 PM
115	mountain bike trail, walking trail	10/31/2017 12:19 PM
116	walking and bike paths	10/31/2017 11:45 AM
117	cross country skiiing, snow shoeing, walking trails	10/31/2017 10:54 AM
118	Biking and cross country trails	10/31/2017 10:44 AM
119	Family currently uses the fields for school sporting events, and the golf course. I'm not sure what other features I would use on a regular basis.	10/31/2017 10:22 AM
120	Mountain Biking Trails, Walking Trails	10/31/2017 10:11 AM

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121	General like: It has something for persons of all ages. I would use: Mountain bike trails, golf, pickle ball courts, hiking/walking trails/paths	10/31/2017 10:08 AM
122	Looks very good! I would mainly use the mountain bike trails.	10/31/2017 9:13 AM
123	Love the single track for MTB! Nice safe place for our kids to practice and all to play!	10/31/2017 8:55 AM
124	I like the natural resource restoration plan and the perimeter walking path. I would use the walking path, the cross country ski trails and the sledding hill. Possibly would be attending something at Courtney fields. I do prefer pickleball courts over platform tennis.	10/31/2017 8:09 AM
125	I like the mtn biking trails and will use them alot. I would also use the cross country ski trails if there is enough snow.	10/31/2017 8:08 AM
126	cross country skiing; walking trail	10/31/2017 7:59 AM
127	Mountain Biking Trails - long overdo the team deserves a place in Edina to practice. These trails do not compromise or interfere with the neighborhood	10/31/2017 7:05 AM
128	Love all the paths! We would use mountain bike and walking paths in all seasons. The wooden paths through the marsh will be fun/different walking areas!	10/31/2017 6:59 AM
129	I like the mountain biking trails and the running/walking trails. I think it's great that the MBT trails will have tech, and optional challenges.	10/31/2017 6:02 AM
130	Pedestrian trails, cross-country trails, playground near ball fields	10/31/2017 5:01 AM
131	More areas for play. different wild areas.	10/31/2017 4:58 AM
132	Soft trails, paved trails, sledding hill, & cross country skiing.	10/30/2017 10:53 PM
133	Love the soft trails for walking and the single track bike trails	10/30/2017 9:25 PM
134	I like the mountain bike trails that are in the plan. I feel that I would use these all the time.	10/30/2017 9:09 PM
135	Golf Mountain biking Cross country ski Walking trails	10/30/2017 9:07 PM
136	Natural play area, walking/running trails, sledding trails, maybe mountain bike trails.	10/30/2017 8:52 PM
137	Mountain biking, hiking, snow shoeing, cross country skiing	10/30/2017 8:48 PM
138	I would use the mountain bike trails	10/30/2017 8:37 PM
139	Mountain biking and cx skiing. I like the fact that the MTB layout utilizes the east, west and area behind the rink.	10/30/2017 8:00 PM
140	I'd like to see Braemar Park continue as a natural forest of trees, helping to clean the air we so thoughtlessly pollute. Stop spending so much money on plans to destroy what it is already doing for us. When were we asked to allow the Park Board to spend our money on these plans?	10/30/2017 7:38 PM
141	Mountain biking, run/walk trails, ski trails - All great and will use. Play ground and picnic area by ball fields is a great idea too.	10/30/2017 7:34 PM
142	I like the layouts. Excellent use of space available. Strong emphasis on use and preservation balance. I would use bike trails, hiking trails, snowshoe trails, walking trails and ski trails.	10/30/2017 7:16 PM
143	I would use the mountain bike trails heavily, as a member of the Edina Cycling Team	10/30/2017 6:43 PM
144	mountain biking, golf, pickle ball and lawn bowling	10/30/2017 6:08 PM
145	Golf course	10/30/2017 6:01 PM
146	I would mainly use the off-road mountain bike trails, I think that they are a great addition to the park and it will get people close access to trails.	10/30/2017 5:59 PM
147	The walking path is a good idea, and I would use it. Skiing on the golf course is also a good thing to continue, although I personally would not use it.	10/30/2017 5:41 PM
148	Classic cross country ski trails. Maybe skate skiing	10/30/2017 5:07 PM
149	Year round activities. I would use pickleball courts. Not sure our warmer winters will support x country ski trails to degree it would be worth it.	10/30/2017 4:18 PM
150	mtn biking, cc skiing and pickle ball	10/30/2017 3:59 PM
151	walking trails, golf course,	10/30/2017 3:46 PM

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152	I like and would Use: pickle ball courts, platform tennis, cross country skiing, mountain biking and walking/hiking trails. I like the plan	10/30/2017 3:34 PM
153	Walking path, natural areas for birding	10/30/2017 3:22 PM
154	Love the single track mountain bike trails. Such a great amenity for residents. Long overdue.	10/30/2017 3:04 PM
155	I like the plan and could envision using the tennis courts, pickle ball courts, mountain bike and paved and unpaved paths, practice golf hole and sledding hill.	10/30/2017 3:03 PM
156	The parkway is the feature I like the most because it connects two sidewalk systems and brings light and safety to an area that many residents use on a daily basis. The continuous walking/running loop around Braemar is another feature that elevates the walking system within the city of Edina. We don't have many non-residential areas in the city to walk with our family, friends and neighbors. This is a huge win for the city and surrounding neighborhoods. Finally, the face lift and improvements to the sports facilities - Ice rink, Braemar field and Courtney field (including playground) are needed. These facilities don't reflect "the brand" of our community and the minor updates proposed and investment would be seen and appreciate by all residents - not just the ones using the facilities.	10/30/2017 2:53 PM
157	Walking trails	10/30/2017 2:43 PM
158	I like the inclusion of the trails throughout the park. I would use the mountain bike and cross country ski trails.	10/30/2017 2:26 PM
159	I like all of the improvements to paths, organized athletic areas and natural areas. I would use them all.	10/30/2017 2:19 PM
160	great work here on making a variety of activities accessible...i would use the golf course (senior discounts??), x-cty skiing, hiking, possibly mountain biking if a safe, not technical trail was available	10/30/2017 2:12 PM
161	The trails.....don't build anymore hard surfaces there	10/30/2017 1:57 PM
162	I like the Courtney Field area remodel. I would use that area. The other parts are fine nothing outstanding-I know we are scared of the crabby old people and a few outspoken residents that don't want anything to change. So the trail system is ok - nothing great. I would use to walk dog. I would use the raised platform tennis court like Minnikhada has. If the x-country ski team and mtn bike team likes the trail set up then it is good.	10/30/2017 1:53 PM
163	Frustrating because I don't see any costs associated with each aspect, so hard to comment as to whether changes are worthwhile without knowing costs of each aspect.	10/30/2017 1:51 PM
164	Cross country ski trials	10/30/2017 1:29 PM
165	Would use ski trails or winter walking trails if ski joring and/or dog sledding is allowed. Overall it looks great if enough people use it to justify the huge cost of building it and especially it's maintenance	10/30/2017 1:26 PM
166	I like the walking trails. However, they aren't needed. How is this being paid for? Is this already in the budget? We do not need more playgrounds, biking trails or any of these improvements.	10/30/2017 1:11 PM
167	I would use the cross country ski trails — it's a great way to excercise in the winter.	10/30/2017 1:03 PM
168	Love the ski trails and walking trails and would use both.	10/30/2017 12:56 PM
169	I like that the part about paved and ADA walk and stroll access areas. We are in serious need of stroller and wheelchair accessible areas in the neighborhood where people can walk with their children and families.	10/30/2017 12:30 PM
170	Nothing, I would use none of them. Money best spent elsewhere.	10/30/2017 11:49 AM
171	Walking trails, mtn bike trails(summer and winter)	10/30/2017 11:47 AM
172	Nothing. There is nothing there I would use.	10/30/2017 11:34 AM
173	I like that no one sport or interest group seems to overpower the Park, with the exception of mountain biking. It's less invasive than earlier designs however.	10/30/2017 11:31 AM
174	Mountain bike trails	10/30/2017 11:29 AM
175	I liked the layout of the trails. We would use the mountain bike trails for nice family mountain bike rides.	10/30/2017 11:12 AM

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176	The part I like best is the local, family-friendly mountain biking trails. These would be a great asset to the community from a recreational standpoint due to its close location for residents. As a resident, my family uses mountain biking as an outdoor activity to promote bonding, physical activity, and personal growth. The trail lengths proposed here offer the full range from beginner level to advanced with multiple exit opportunities if the riders get tired. I also like the walking trail, playground, parkway, and aesthetics upgrades. I'm neutral with regard to the cross-country ski trails, lawn court, and pickleball courts.	10/30/2017 11:07 AM
177	Golf, snow shoeing, walking	10/30/2017 11:03 AM
178	I like all of it. I will definitely use the single track mountain biking trails in the summer, and possibly in the winter as well. You should also consider renting fat tire bikes in the winter, as that currently doesn't exist at any other local trails. In the winter, I would use the cross-country ski trails as well as the sledding hill.	10/30/2017 10:52 AM
179	Golf course, walking path	10/30/2017 10:50 AM
180	Mountain biking path, sledding hill, pickle ball. Is this for paddle tennis use in the winter as well?	10/30/2017 10:49 AM
181	I am very happy that winter activities will use natural snow and that the sledding hill will remain a sledding hill and not be turned into a pay-to-use tubing slope with tow ropes and artificial snow that was previously proposed.	10/30/2017 10:49 AM
182	Like the paved trail, upgraded baseball field area and playground access around the fields. We would definitely use the trail, sledding hill and enhanced Courtney Fields.	10/30/2017 10:48 AM
183	I like the combination of paved and natural trails for multiple uses. Also the improved bleachers with shade, natural/play areas and improved access/entrance to the baseball fields would be useful for our family since we have kids who play ball.	10/30/2017 10:43 AM
184	Looks great. I would use the golf course if the green fees for seniors are competitive with other golf courses in the area. Before closing senior rates at Braemar were 50% to 80% higher during the week than other courses in the area. I would also use the pickleball courts as there is a real shortage of places to play pickle ball in Edina. Indoor courts are non existent with the exception of Southdale YMCA. We currently have to go to Bloomington, Richfield, or Hopkins to play indoors and the courts are very limited.	10/30/2017 10:41 AM
185	family trails. Opportunity to walk our dog on those trails. Cross country skiing.	10/30/2017 10:32 AM
186	XC Ski, Mountain Bike Trails	10/30/2017 10:31 AM
187	I like theexpanded trails for ski, bike and pedestrian use. The ballfield enhancements LL be welcome, as well.	10/30/2017 10:29 AM
188	The expanded use of the existing land is great. Trails for biking, peds, and winter use is well thought out. The addition of various tennis courts and lawn sports is a great idea.	10/30/2017 10:28 AM
189	Mountain bike trail would be awesome	10/30/2017 10:28 AM
190	walking/hiking trails, play ground	10/30/2017 10:25 AM
191	walking/hiking trails, courtney field & golf course	10/30/2017 10:23 AM
192	Expanded walking paths and biking paths, sledding hill	10/30/2017 10:23 AM
193	I like the addition of the mountain biking trails, plus all the other outdoor family friendly opportunities.	10/30/2017 10:19 AM
194	Sledding Hill Pedestrian Soft Surface Trail Loop Mountain Bike Cross Country Ski	10/30/2017 10:19 AM
195	I like the paths (hard and soft) along with the mountain biking trails.	10/30/2017 10:19 AM
196	Xski and walking	10/30/2017 10:15 AM
197	More trails - I would use trails	10/30/2017 10:14 AM
198	Love updates to trails as well as enhancements to ball fields and golf course.	10/30/2017 10:14 AM
199	walking and running trails, mountain bike trail, ski trails	10/30/2017 10:12 AM
200	Nature trails, natural play area	10/30/2017 10:12 AM
201	Bike trails	10/30/2017 10:11 AM
202	I like the amount of walking trails and sledding hill. Those would be the 2 features I would use.	10/30/2017 10:11 AM

Braemar Park Preferred Master Plan Concept

Q2 What don't you like in the Preferred Concept Plan for Braemar Park?

Answered: 189 Skipped: 13

#	RESPONSES	DATE
1	everything looks good, but I'd like more mountain bike trails.	11/7/2017 7:40 PM
2	I like it	11/7/2017 12:06 PM
3	Very impressed with the plans that could be developed.	11/7/2017 10:40 AM
4	I think it looks great. I have no negative feedback to offer. Nice job!	11/7/2017 9:23 AM
5	Pickle Ball	11/7/2017 9:11 AM
6	Many places to golf so that would not be my highest priority to focus on.	11/7/2017 7:53 AM
7	It is hard to tell but for safety reasons, I do not support multi use trails that mix mountain biking with hiking.	11/6/2017 10:26 PM
8	Nothing	11/6/2017 9:43 PM
9	Hopeful it connects to other trails or bike lanes to get to the park on bike or running.	11/6/2017 9:20 PM
10	Nothing	11/6/2017 9:09 PM
11	Lighting of xc trails would allow for much increased use. Could fishing be accommodated?	11/6/2017 9:07 PM
12	Nothing.	11/6/2017 9:05 PM
13	I think it all looks good but I would prefer the mountain bike trails be installed first.	11/6/2017 8:41 PM
14	Trail crossings on a mountain bike system are a big downer to both mountain bikers and the other users. Again, hire people that know what they're doing. We have some great trails in the area. There are people around here that know what they're doing.	11/6/2017 8:41 PM
15	Ideally would like to see shared use of mountain bike trails or some less groomed trail option for running.	11/6/2017 8:28 PM
16	Need to add multi type golf so same area can be used for foot golf, regular golf and disc golf	11/6/2017 8:24 PM
17	Need snowmaking for CC trails.	11/6/2017 8:21 PM
18	I am not a baseball player and not sure about the proposed upgrades to the fields and amenities. Didn't we just finish those fields? I guess I would like to see more talk about tin fish or a winter snack area or a XC ski rental facility? Maybe Hoigaards can help with a mental program. Did I miss a tubing hill? I'd like to see a tubing hill.	11/6/2017 8:02 PM
19	nothing really	11/6/2017 7:50 PM
20	I think this is the best plan to make everyone happy.	11/6/2017 7:34 PM
21	I really haven't come to that conclusion it seems all residents in the community would have many choices for activities and benefit from the many improvements.	11/6/2017 7:25 PM
22	NA	11/6/2017 7:20 PM
23	Moving the trail is not good	11/6/2017 7:15 PM
24	It all looks good	11/6/2017 7:15 PM
25	It seems like a good plan, catering to all different types of recreational use. There are considerable walking/hiking/running/x-Country Trails. I would like to see us increase the Biking Trails as it increases bike safety and represents new investment to a fast growing sport.	11/6/2017 7:14 PM
26	Nothing	11/6/2017 7:11 PM
27	There's nothing that stands out in a negative way to me. I'm glad to see that more of the park is being put towards non golfing activities	11/6/2017 7:08 PM

Braemar Park Preferred Master Plan Concept		
28	In edina we have so many walking trails that not a lot of people use.some people say were known for walking trails.	11/6/2017 6:58 PM
29	I thought that everything in the plan looked good.	11/6/2017 6:50 PM
30	I think it's all great, I like the ideas and hope they will go throw go with this	11/6/2017 6:46 PM
31	N/a	11/6/2017 6:44 PM
32	Too many tennis courts around Edina.	11/6/2017 6:43 PM
33	nothing I don't like	11/6/2017 6:20 PM
34	Nothing comes to mind. It all seems positive.	11/6/2017 5:42 PM
35	Wooden pavilions seem expensive.	11/6/2017 5:36 PM
36	all good	11/6/2017 4:10 PM
37	I'd like to see a programs area. Where community can gather for summer night movies, programs outdoor theater	11/6/2017 3:57 PM
38	after reviewing the concept plan, I can't think of anything that has been left out or that I don't like	11/6/2017 3:05 PM
39	Looks good.	11/6/2017 2:08 PM
40	The Mountain Bike trails don't have enough "expert" level features added in to the trail mix. Need some big jumps, drops and berms.	11/6/2017 12:28 PM
41	Did not notice anything that I disliked. Enjoyed the point that Braemar Park is more than just golfing...will be a destination for many activities, for people of all ages.	11/6/2017 12:21 PM
42	Nothing	11/6/2017 12:15 PM
43	Would like snowmaking on trails	11/6/2017 11:57 AM
44	Nothing	11/6/2017 11:35 AM
45	Not enough pickle ball courts.	11/6/2017 10:54 AM
46	I think the plan looks great, thank you.	11/6/2017 10:38 AM
47	nothing.	11/6/2017 10:16 AM
48	-	11/6/2017 10:08 AM
49	Play structures, they seem out of place in this area that is mostly geared toward athletic activities for older kids and adults.	11/6/2017 10:02 AM
50	It's all good. The more we can keep people in shape, outdoors, the better.	11/6/2017 9:25 AM
51	nothing	11/6/2017 9:25 AM
52	More Braemar construction.	11/6/2017 9:21 AM
53	nothing	11/6/2017 8:44 AM
54	I think the wole plan is wonderful.	11/6/2017 8:27 AM
55	Looks great!	11/6/2017 8:10 AM
56	All looks good.	11/6/2017 7:58 AM
57	Want snow making	11/6/2017 7:56 AM
58	Nothing. It's a great idea.	11/6/2017 7:21 AM
59	nothing.	11/6/2017 6:56 AM
60	I would not use the ball fields	11/6/2017 6:42 AM
61	Looks like a good use of the area	11/6/2017 6:13 AM
62	Nothing in particular.	11/6/2017 5:52 AM
63	.	11/6/2017 5:41 AM

Braemar Park Preferred Master Plan Concept		
64	I think it's a great plan. Mountain bike trails will be a great amenity for Edina Parks and Rec to offer; both kids and adults will use the trails, it's a low-cost, low-maintenance, minimal impact type of addition to the park, and keeps some beautiful areas of Braemar Park natural forever.	11/5/2017 11:17 PM
65	lots of work at the golf course parking lots the was recently done in the last 15-20 years. wasteful	11/5/2017 9:53 PM
66	See #1	11/5/2017 6:04 PM
67	Concern that natural barriers between mountain bike paths and homes will actually be built, concern that hikers will not be able to hike on the ridge due to steady stream of mountain bikers	11/4/2017 1:32 PM
68	Nothing.	11/3/2017 12:21 PM
69	Not enough mountain biking trails	11/3/2017 11:47 AM
70	Nothing	11/3/2017 9:10 AM
71	nothing jumps out	11/2/2017 5:22 PM
72	Too much mountain biking trails. Not enough hills in ski and running trails. Need yo Keep walking separate from skiing trails to keep dogs off the trails. They walk in and ruin tracks.	11/2/2017 2:08 PM
73	NA	11/2/2017 1:51 PM
74	I do not see any mention of snowmaking for ski trails. This is a perfect opportunity to install snowmaking and make these trails truly useful for an extended season. The trails at 3 rivers are overcrowded and Edina could put in snowmaking and have the trails well-utilized.	11/2/2017 9:42 AM
75	I don't think the baseball fields need that much shade and bleacher areas	11/2/2017 6:49 AM
76	-	11/2/2017 5:45 AM
77	I like all of it.	11/1/2017 8:58 PM
78	Mountain biking in particular. Hiking and cross country skiing are also attractive.	11/1/2017 8:46 PM
79	There is not much that a family with young children will be able to use, even a family like ours that skis and bikes regularly.	11/1/2017 8:43 PM
80	It all looks good	11/1/2017 8:25 PM
81	Nothing.	11/1/2017 8:18 PM
82	All of it.	11/1/2017 7:53 PM
83	I would like to see the mountain biking trails expanded. The existing plan for roughly 5 miles could be completed in about a 1/2 hour ride.	11/1/2017 7:14 PM
84	not enough nature. the beautiful trees and wild nature areas have been that way for years. this does not look so eco-friendly. kind of ruining it. plus I don't like the focus on mountain biking. wish it was eliminated. too damaging to environment.	11/1/2017 6:48 PM
85	Trying to do too much. skiing, mtn biking, paddle tennis, etc. Need to focus on fewer important things. Also the golf clubhouse needs to be renovated	11/1/2017 4:15 PM
86	Mountain bike	11/1/2017 3:59 PM
87	It is very grandiose and perhaps too costly. It would be most helpful if we knew the estimated cost of each proposed feature so priorities could be assigned and perhaps some features eliminated. It will be essential that parking for use of the facilities not be allowed on Gleason Road, as that must be reserved for residents and occasional emergency vehicles. Also, I am concerned that the entire park will be so grandiose that it will attract users from beyond Edina....then Edina residents will be paying for it, but it will be too crowded for them to use it.....and parking will be a problem for sure.	11/1/2017 3:57 PM
88	I wish the play area for the Courtney fields wasn't on the perimeter - it's pretty far from the fields and I won't be able to keep an eye on my kids from the bleachers.	11/1/2017 3:01 PM
89	I would not recommend spending the money on nordic grooming equipment without snow-making capacity. Recent winters have shown that relying on natural snow leaves current (and great) ski trails unable to open.	11/1/2017 2:34 PM
90	according to the legend, paved running/biking trails are orange. the only trail is around the baseball fields. we would like to have a significant paved loop around and in the braemar area.	11/1/2017 2:24 PM
91	Not sure we need a boardwalk.	11/1/2017 2:09 PM

Braemar Park Preferred Master Plan Concept		
92	Not sure why adding pavers - super expensive, plowing nightmare	11/1/2017 2:07 PM
93	NA	11/1/2017 2:04 PM
94	I do not have any dislikes/	11/1/2017 1:58 PM
95	nothing jumps out	11/1/2017 1:51 PM
96	I don't like the lack of 4' or more of separation between the walking path and Braemar Boulevard. I don't like the exclusion of Antenna Hill from use for mountain bike trails. I don't like the golf practice hole, which, since it is closest to the parking lot, would be better used for more walking trails, nature area and beginner mountain biking trails.	11/1/2017 1:50 PM
97	It looks good to me.	11/1/2017 1:46 PM
98	The lack of kid-friendly bike trails encircling the park. This seems a major draw-back of Edina that I thought was being improved but simply adding bike trail along the road is disappointing. The yellow-loop around the park needs to be bike-friendly, preferably paved.	11/1/2017 1:19 PM
99	How many more trees a foot and diameter are going to be cut down to be replaced by inch diameter trees? Pickle ball courts, tennis courts--what drives the need for these? Do we need a high point picnic area? Is the black top in need of replacing. How about permeable parking installed instead when replacement is required.	11/1/2017 10:10 AM
100	All looks good	11/1/2017 10:02 AM
101	No use of the "antenna mountain" for walking or biking trails, the small tail head for mountain bike trails	11/1/2017 9:09 AM
102	cost	11/1/2017 8:37 AM
103	What will stress of mountain biking trails, and there seem to be lots of them, have on the natural habitat and the wildlife? Also, looks very expensive, not sure where the money is coming from?	11/1/2017 8:06 AM
104	I like it	11/1/2017 7:25 AM
105	looks like a lot of bike trails. I'm not sure how much we use bike trails. Seems like we're overbuilding bike trails in Edina. Everytime I see them, there are no bikers using them.	10/31/2017 7:03 PM
106	I know there are many snowbirds who live playing bocce while in AZ/FL who would love courts in Edina as a way to meet people. My parents have a place in Bonita Bay and they just built a wonderful 3 court complex that is heavily used and I'm sure would be enjoyed by our aging Edina population	10/31/2017 6:45 PM
107	I like it all	10/31/2017 4:57 PM
108	Idk, it seems like a great plan to me!	10/31/2017 3:29 PM
109	No dirtjumps or pumptrack	10/31/2017 1:37 PM
110	Is there paved trails for regular biking? I think it would need that for the non-mountain bike riders.	10/31/2017 10:54 AM
111	I just think it's important to retain the natural areas of the park as much as possible for people and families to be able to enjoy nature as well without all the manmade features. We are running out of natural areas in which we can readily escape the every day hum drum.	10/31/2017 10:22 AM
112	Elevated Courts	10/31/2017 10:11 AM
113	The mountain bike trail of a little over a mile is very short. This is needed for our youth who are getting into this sport...which keeps them off their electronic devices and provides a lifetime sport for them...like tennis and golf did for my generation.	10/31/2017 10:08 AM
114	Nothing off hand. I'm very impressed with the effort put into the plan.	10/31/2017 9:13 AM
115	All good! No complaints!	10/31/2017 8:55 AM
116	Having attended the last community meeting regarding this plan I would say I have concerns about mountain biking on the east side of the park. I wonder about the cost since it seems important both to golfers and neighbors that the trails be screened from view. Once buckthorn is removed planting of a buffer area will be needed on both sides of the east ridge and that could end up costing more than the mountain bike trail construction. Not anti-mountain biking, just questioning the contortions that seem to be involved in making mountain bike trails work for this portion of the park.	10/31/2017 8:09 AM
117	That on the south side mtn bikers have to share a boardwalk. There should be a separate trail for mtn bikers. If the area is above ground now, why need a boardwalk over dry ground.	10/31/2017 8:08 AM

Braemar Park Preferred Master Plan Concept		
118	fat tire trail; riders consistently violate trail rules and yell at walkers and skiers	10/31/2017 7:59 AM
119	Wasted space of the putting green	10/31/2017 7:05 AM
120	I don't have any complaints	10/31/2017 6:59 AM
121	The cross country ski trails are bad for the environment and they are not needed as there are many cross country trails in the area.	10/31/2017 6:02 AM
122	-	10/31/2017 4:58 AM
123	I was hoping for a children's play area. The nearest is Lewis park, which is old and run down.	10/30/2017 10:53 PM
124	It all looks good - please make this real so that we can enjoy some outdoor areas right here in Edina!!	10/30/2017 9:25 PM
125	I liked the implementation of mountain bike trails.	10/30/2017 9:09 PM
126	Nothing	10/30/2017 9:07 PM
127	Nothing	10/30/2017 8:52 PM
128	Shared hiking and bike areas could have issues	10/30/2017 8:48 PM
129	Its good	10/30/2017 8:37 PM
130	snowmaking for cx skiing would be nice.	10/30/2017 8:00 PM
131	Why focus on destroying the natural beauty and ecology of this great park? I'd like to see Park money spent on maintaining the health of Braemar, and on our smaller parks that need upkeep. If there's more money than all of our parks need, then how about using money to help residents transform their expensive grass lawns to perennial landscaping that lessons water use and pollution?	10/30/2017 7:38 PM
132	I really like the cross country ski trail idea. It should be separate from the walking paths. All it takes is a few walkers to destroy the groomed cross country trail for all the skiers.	10/30/2017 7:34 PM
133	Not much to dislike, I like the move to increase the uses of this area.	10/30/2017 7:16 PM
134	I don't like the idea of doubletrack instead of singletrack	10/30/2017 6:43 PM
135	nothing -looks great	10/30/2017 6:08 PM
136	Trails to close to golf course	10/30/2017 6:01 PM
137	I think it is mainly good, it incorporates a lot of outdoor activities so it is a well rounded plan	10/30/2017 5:59 PM
138	I am opposed to any plan that basically destroys the woods, and the animal habitat on the hills above Gleason Road. So far there have now been three separate plans for using the wooded area, and I disagree with all three, including dirt biking. I think that building and maintaining platform tennis courts is a poor use of tax payer money too.	10/30/2017 5:41 PM
139	Shared skate and classic cross country trails, I'd prefer them to be separated	10/30/2017 5:07 PM
140	Seems like a lot of activities will cause congestion at parking lots and roads.	10/30/2017 4:18 PM
141	skatepark should be added	10/30/2017 3:59 PM
142	I Didn't like the possibility of platform tennis over pickleball courts if you can only put in one or the other. I would love to see both. If you can only do one, I would definitely do pickle ball as it is a vastly more popular sport and is Growing leaps and bounds. I would put in at least 4 to 6 pickle ball courts. Pickle ball is a very social sport, different from platform tennis or regular tennis. It also does not take up a lot of space. The courts at Rosland are great, very popular and often crowded. We definitely need more in Edina. A lot of players from Edina Go to other suburbs to play.	10/30/2017 3:34 PM
143	Access to natural areas/wetlands	10/30/2017 3:22 PM
144	Nothing. It is a great plan.	10/30/2017 3:04 PM
145	I would want to make sure that there are natural or hardened barriers between the mixed use amenities and the golf holes. I've been on golf courses where people on adjacent paths throw balls to their dogs onto the golf holes and when you pay for the round and have others using free amenities distracting or impeding your round it's quite irritating. At minimum there needs to be plenty of signage about etiquette, courtesy where the uses are close to each other.	10/30/2017 3:03 PM

Braemar Park Preferred Master Plan Concept		
146	The mountain bike trails are a nice feature; however, the amount of investment, disturbance to the natural resources as well as those that live near where the trails would be located does not outweigh the benefit of having the trails. I understand it's a growing sport and I want to encourage physical activity; however, I'm not convinced that the level of investment and time this project would take is something our city should invest in at this time.	10/30/2017 2:53 PM
147	Mountain bike trails	10/30/2017 2:43 PM
148	No changes in my opinion.	10/30/2017 2:26 PM
149	It's not a 'dislike', but what negative impacts would there be on nearby neighborhoods?	10/30/2017 2:19 PM
150	the lack of how this facility will be an example of how Edina is moving toward carbon neutral development where as much energy is being produced as is used	10/30/2017 2:12 PM
151	pickleball courts....no more hard surfaces..	10/30/2017 1:57 PM
152	Not enough of a change. No dog park, no sledding hill, no snow making machines to hold x-country events, no lighting. I would have wanted a bigger change. In a few years, there will be more talks about how to update/make better.	10/30/2017 1:53 PM
153	Doesn't have costs of each aspect.	10/30/2017 1:51 PM
154	Bike trails	10/30/2017 1:29 PM
155	Almost seems like you are squeezing too much in one area. Also maintenance will be overwhelming.	10/30/2017 1:26 PM
156	Playgrounds, biking trails, platform tennis, pickleball courts, permeable paving at Braemar Clubhouse. None of these are needed.	10/30/2017 1:11 PM
157	I'm not a golfer and wouldn't use those facilities, but I'm not against having them.	10/30/2017 1:03 PM
158	Excessive amount of mountain biking trails- takes up too much space. The city already has too many tennis courts.	10/30/2017 12:56 PM
159	I do not see a playground or paved walkable safe area in the south east side. There is simply nothing for families with young children in this area of Edina.	10/30/2017 12:30 PM
160	Offers overpriced amenities that most residents will not use. Better to update all of existing parks which are badly in need of reforesting and natural no maintenance landscaping.	10/30/2017 11:49 AM
161	I really do not feel like we need any more tennis courts.	10/30/2017 11:47 AM
162	nothing there isn't anything to like or dislike. I suppose something I don't like is spending all the money on something that such a small percentage of residents will use.	10/30/2017 11:34 AM
163	That there is no budget currently for the improvements.	10/30/2017 11:31 AM
164	None	10/30/2017 11:29 AM
165	That's planes looked great.	10/30/2017 11:12 AM
166	Nothing. I believe the proposed plan offers the best balance of activity opportunities to suit all ages, abilities, and preferences. There is nature preservation and hiking for those looking for a local getaway as well as space for athletic activities like biking, running, walking, and pickleball. There are also great areas for socializing.	10/30/2017 11:07 AM
167	I question if it is set up for winter activities	10/30/2017 11:03 AM
168	Nothing that I can think of.	10/30/2017 10:52 AM
169	It appears that the executive 9 golf course is gone. I think that is shame as that i course is key in growing the game for beginners and children interested in golf.	10/30/2017 10:50 AM
170	I like walking around the old growth oak woodlands on the eastern side of the Park. I would be very happy to see this area restored and buckthorn removed. There are many amazingly old oak trees there. I enjoy looking at wildlife and feel that the mountain bike paths would disturb this natural area. There are miles and miles of bike paths in Edina, some going down what were once the most beautiful areas of Nine Mile Creek. I don't believe that we have to develop every square foot of Edina for human use. Natural areas with a few walking paths provide a valuable resource to wildlife and some Edina residents who enjoy seeing bird species, such as the Golden Winged Warbler and other rare species, that disappear with human disturbance.	10/30/2017 10:49 AM

Braemar Park Preferred Master Plan Concept		
171	I don't see any areas for basketball courts, which could use the space more efficiently than tennis courts (tennis courts could serve up to 4 people at a time, where a basketball court could handle up to10).	10/30/2017 10:48 AM
172	I think the plan looks great - I don't see any obvious flaws.	10/30/2017 10:43 AM
173	No indoor pickleball courts.	10/30/2017 10:41 AM
174	Mountain biking—unless it is completely separate.	10/30/2017 10:32 AM
175	I do not think we need more tennis courts in Edina.	10/30/2017 10:31 AM
176	I have no use for golfing enhancements	10/30/2017 10:29 AM
177	From what I can tell it is very well thought out. No initial objections.	10/30/2017 10:28 AM
178	good job	10/30/2017 10:25 AM
179	the bike trail seems way too involved - no need to accommodate every type of biker.	10/30/2017 10:23 AM
180	Would like a dog park or play area for dogs off leash (separated by size - one for large dogs, one for small dogs)	10/30/2017 10:23 AM
181	Nothing	10/30/2017 10:19 AM
182	Too much space continued to be devoted to golf, a dying a and resource intensive sport.	10/30/2017 10:19 AM
183	Mountain biking trails and tennis courts	10/30/2017 10:15 AM
184	I don't care about golf - at all - so anything related to the golf course, just don't care.	10/30/2017 10:14 AM
185	Dont see defined snow shoe trails/area	10/30/2017 10:14 AM
186	nothing I can think of	10/30/2017 10:12 AM
187	I didn't see anything I didn't like.	10/30/2017 10:12 AM
188	all looks great!	10/30/2017 10:11 AM
189	There is a lot of focus on bike trails. Bikers can easily use the streets and surrounding areas.	10/30/2017 10:11 AM

Q3 Is there anything missing from the plan in your view?

Answered: 189 Skipped: 13

#	RESPONSES	DATE
1	5 more miles of mountain bike trails.	11/7/2017 7:40 PM
2	No	11/7/2017 12:06 PM
3	The plans seem to be well thought out and would be a bonus for the Mt Bike team at the high school.	11/7/2017 10:40 AM
4	No. It's really well done and will add a lot to Edina.	11/7/2017 9:23 AM
5	No	11/7/2017 9:11 AM
6	looks good	11/7/2017 7:53 AM
7	It looks like this could attract a lot of people and parking could be an issue with tennis, pickle ball, playground, ball fields, hiking, biking and of course golf in the summer months.	11/6/2017 10:26 PM
8	No, I think everything looks great	11/6/2017 9:43 PM
9	Nothing jumps out. This would be a huge asset to the residents.	11/6/2017 9:20 PM
10	No	11/6/2017 9:09 PM
11	No	11/6/2017 9:07 PM
12	I wonder if there are more winter recreation options to consider? Ice fishing? Snow shoeing? Skijoring?	11/6/2017 9:05 PM
13	As a member of the Edina high school mountain biking team, I think it is very important in Braemar.	11/6/2017 8:41 PM
14	Would be great if you could get a longer loop than 4-5 miles. 10 miles is optimal for a lot of rides as long as you have bailout points for rides not ready for the full 10. Again, make it a great experience for all levels of riders. If people have a great time and can only do 5, they'll come back to work there way up to 10 miles. I realize there's only so much area to work with. If you go to a great trail like Elm Creek on a Sat, you'll be amazed at the number of people that come to ride and the age range of everyone. Also many of the trails are maintained by volunteers. These are people who love the sport and want to give back and have great trails. Braemar serves so many different sports and activities, adding a great mountain bike trail would serve a whole new segment of users. With all the elevation changes there, a really great trail system could be created. You will be amazed at how many people will want to enjoy it. It's a great idea for a sport that's enjoyed by so many age groups and skill levels! Doug Bros 4370 Brookside Ct #305	11/6/2017 8:41 PM
15	It looks like a great concept. Would be great to have another trail system in the city for running, biking, Nordic.	11/6/2017 8:28 PM
16	Add couple of shelters to gather	11/6/2017 8:24 PM
17	Snowmaking for CC trails at golf course.	11/6/2017 8:21 PM
18	Approval...haha. I support this project 110%. I supported the project this winter when it got denied. I think making snow is in the future for our community and winters and that should be part of the long term plan. Snow making ability is a must and needs to be included.	11/6/2017 8:02 PM
19	cycling skills park?	11/6/2017 7:50 PM
20	I think it could use a trailhead building. Nothing big just somewhere the Edina mountain bike team could use to meet up and start practices.	11/6/2017 7:34 PM
21	For me personal it sounds wonderful. I hope it gets passed.	11/6/2017 7:25 PM
22	No	11/6/2017 7:20 PM
23	More singletrack	11/6/2017 7:15 PM
24	No	11/6/2017 7:15 PM

25	No	11/6/2017 7:14 PM
26	No	11/6/2017 7:11 PM
27	You guys have a pretty well rounded plan. It looks great!	11/6/2017 7:08 PM
28	no, but i would like to see more mountain biking trails in the future.	11/6/2017 6:58 PM
29	I think you covered everything and it looks great!	11/6/2017 6:50 PM
30	No, it's a excellent and I am very exited to be able to mountain bike without having to drive	11/6/2017 6:46 PM
31	N/a	11/6/2017 6:44 PM
32	Nah.	11/6/2017 6:43 PM
33	looks great.thank you!	11/6/2017 6:20 PM
34	No	11/6/2017 5:42 PM
35	Nope	11/6/2017 5:36 PM
36	no	11/6/2017 4:10 PM
37	Look at previous comment	11/6/2017 3:57 PM
38	see above	11/6/2017 3:05 PM
39	Is there a good and obvious link between the two mountain bike areas? I would expect a good number of people to bike both ends in the same ride and thus they should be linked well.	11/6/2017 2:08 PM
40	See above. Maybe a designated "dirt jump" line in one area.	11/6/2017 12:28 PM
41	Good greenspace with amenities. Me likey !	11/6/2017 12:21 PM
42	No	11/6/2017 12:15 PM
43	No.	11/6/2017 11:57 AM
44	rectangular grass fields	11/6/2017 11:37 AM
45	No	11/6/2017 11:35 AM
46	More upgrades to Courtney Fields. Foul ball netting etc.	11/6/2017 10:54 AM
47	No, I think there is something for most everyone.	11/6/2017 10:38 AM
48	no	11/6/2017 10:16 AM
49	Is there a place to rent cross country skis at the park to get more people involved?	11/6/2017 10:08 AM
50	No, it is very comprehensive.	11/6/2017 10:02 AM
51	No.	11/6/2017 9:25 AM
52	Not sure what the price or cost of it is so that would just be a consideration. How much are we getting for how much money	11/6/2017 9:25 AM
53	No	11/6/2017 9:21 AM
54	Not that I can ascertain	11/6/2017 8:44 AM
55	No	11/6/2017 8:27 AM
56	No	11/6/2017 8:10 AM
57	No.	11/6/2017 7:58 AM
58	No	11/6/2017 7:56 AM
59	Not sure yet until it is built. I'm sure there will be small additional items that become. apparent as people use it.	11/6/2017 7:21 AM
60	No.	11/6/2017 6:56 AM
61	No, great balanced plan	11/6/2017 6:42 AM
62	Let's get it done sooner rather than later	11/6/2017 6:13 AM
63	Not that I can see.	11/6/2017 5:52 AM

Braemar Park Preferred Master Plan Concept		
64	.	11/6/2017 5:41 AM
65	I think it's a great plan.	11/5/2017 11:17 PM
66	no	11/5/2017 9:53 PM
67	See #1	11/5/2017 6:04 PM
68	Costs to build, costs to maintain, prioritization scheme for this property vs. The Fred, the Grandview Lid, upkeep on other city parks, etc. The Braemar Ice Arena is going to need some attention. Where does that factor in? I appreciate the thoughtfulness of this master plan process. This is the right process, even if the outcomes aren't all things I personally support. The winter recreation facility was a ready, shoot, aim approach that shouldn't have come to the table in the way that it did. It created a needless fire drill for the city and residents. I hope the city will continue to create thoughtful planning processes and then follow those processes. Thank you.	11/4/2017 1:32 PM
69	Not that I can think of. Assuming there is access to snow-shoeing either on the golf course or the walking trails.	11/3/2017 12:21 PM
70	No. Looks great.	11/3/2017 9:10 AM
71	no	11/2/2017 5:22 PM
72	Separate area for dog walkers needed. They're in my way when I run & ruin ski trails. Give them their own area to walk slowly & poop on	11/2/2017 2:08 PM
73	NA	11/2/2017 1:51 PM
74	Snowmaking	11/2/2017 9:42 AM
75	not that I can think of.	11/2/2017 6:49 AM
76	-	11/2/2017 5:45 AM
77	Shade areas around the concession stands and improved new overhead protection netting that extends beyond the dugouts.	11/1/2017 8:58 PM
78	Much better than the originally proposed alpine ski area.	11/1/2017 8:46 PM
79	Yes! There are no paved bike trails that are safe for kids to use. Continuous paved bike trails are missing from the entire city of Edina.	11/1/2017 8:43 PM
80	Dog park	11/1/2017 8:25 PM
81	No.	11/1/2017 8:18 PM
82	No.	11/1/2017 7:53 PM
83	Some of the initial plans called for natural play structure areas, which would be a great new amenity for the community. I think this type of play structure would be received better than the more traditional play structure outlined in the latest plans.	11/1/2017 7:14 PM
84	eliminate stuff. too much there. let nature just be. it is supposed to be psychologically healing to just walk in nature.	11/1/2017 6:48 PM
85	more extensive clubhouse renovation befitting of a great course	11/1/2017 4:15 PM
86	Cross countrybski trailsbmore!	11/1/2017 3:59 PM
87	No, but maybe the kitchen sink! Seriously, are there adequate restroom facilities for all the proposed features and are they convenient (don't want people peeing in the woods or small children walking through a busy parking lot)?	11/1/2017 3:57 PM
88	I wish there was a path for long boarding (cruiser skateboarding and scootering and roller blading). I would also like to see more bench seating along the paths.	11/1/2017 3:01 PM
89	I think overall it is very good, and well-developed.	11/1/2017 2:34 PM
90	according to the legend, paved running/biking trails are orange. the only trail is around the baseball fields. we would like to have a significant paved loop around and in the braemar area.	11/1/2017 2:24 PM
91	Restaurant?	11/1/2017 2:09 PM
92	no	11/1/2017 2:07 PM
93	No	11/1/2017 1:58 PM

Braemar Park Preferred Master Plan Concept		
94	Eliminate all parking on Braemar Boulevard near trail to Courtney Fields	11/1/2017 1:51 PM
95	Yes. The timetable for making these changes should be included in the plan so citizens can address priorities. The plan is missing a more robust plan for invasive species removal. It is missing mountain bike trails on Antenna Hill and where the golf practice hole is located. Those areas can be put to much better and more effective use	11/1/2017 1:50 PM
96	no	11/1/2017 1:46 PM
97	I think lots in the plan is still unclear - access to the mountain bike trails, width of boardwalk and what it would be like for that section to be shared walkers/mnt bikers, how the cross-country ski trails will be setup and maintained, cost (especially of the making of a boulevard feel). And to reiterate, suburban metro parks are dominated by walking and biking everywhere except Edina, which I think is really disappointing and this is a missed opportunity in that regard.	11/1/2017 1:19 PM
98	All but one person has a dog on our street, and dogs galore all around us. A small fenced area to run dogs off leash would be a welcome addition.	11/1/2017 10:10 AM
99	Not that I can tell	11/1/2017 10:02 AM
100	no	11/1/2017 9:09 AM
101	Bocce ball courts should be considered - they would be fun too - especially for older people. I would prefer platform tennis as Edina already has pickle ball courtsBocce ball courts would be fun too	11/1/2017 8:37 AM
102	no	11/1/2017 8:06 AM
103	not that I can think of- it seems to be good stewardship- once established this plan looks easy to maintain	11/1/2017 7:25 AM
104	another eating establishment or ice cream shop	10/31/2017 7:03 PM
105	Bocce courts	10/31/2017 6:45 PM
106	Clean up buckthorn throughout the area	10/31/2017 6:45 PM
107	No	10/31/2017 4:57 PM
108	No, thanks for developing this awesome plan!	10/31/2017 3:29 PM
109	Pumptrack and dirtjumps for experienced riders	10/31/2017 1:37 PM
110	Dog park area	10/31/2017 10:54 AM
111	If anything, I think there's probably too much.	10/31/2017 10:22 AM
112	Skateboard Park	10/31/2017 10:11 AM
113	Any way to make better use of the water would be a good addition.	10/31/2017 10:08 AM
114	A mountain bike skills course would be great ... maybe at Fred Richards!!!	10/31/2017 9:13 AM
115	Nope!	10/31/2017 8:55 AM
116	No but again I do wonder about the strong emphasis on mountain biking. The walking trail seems to follow existing paths for the most part but the mountain bike trails would involve construction. Do we need to modify every piece of open land in Edina?	10/31/2017 8:09 AM
117	There should be a skills training park for mtn biking at the southwest corner of Gleason and Braemar Blvd	10/31/2017 8:08 AM
118	something fun and active for kids and pre=teens; climbing wall	10/31/2017 7:59 AM
119	No	10/31/2017 7:05 AM
120	No	10/31/2017 6:59 AM
121	No.	10/31/2017 6:02 AM
122	A "natural play area" similar to that found at many nature centers and the arboretum, with sticks and other natural building materials for children to play in a less-structured and more creative way	10/31/2017 5:01 AM
123	hard to tell quantity of picnic shelters	10/31/2017 4:58 AM
124	A children's playground.	10/30/2017 10:53 PM

Braemar Park Preferred Master Plan Concept		
125	Suggest adding a bike repair station at the clubhouse and one or two rest areas with water fountains for fresh water	10/30/2017 9:25 PM
126	I think I would like to possibly see more mileage of mountain bike trails. But I still think the current amount of trails is good.	10/30/2017 9:09 PM
127	No	10/30/2017 9:07 PM
128	Multiple restaurants	10/30/2017 8:52 PM
129	It would be nice to have portapotty access near biking trails	10/30/2017 8:48 PM
130	Nope	10/30/2017 8:37 PM
131	Snowmaking.	10/30/2017 8:00 PM
132	Yes! There's no option for leaving it as is, with needed annual maintenance. There's also no budget given. How much does the park board have to spend on all of our parks? What's the plan for all of them?	10/30/2017 7:38 PM
133	There should be picnic tables and a picnic shelter / pavillion and BBQ area at the mountain bike trailhead. This could be used by everyone - walkers, runners, mtn bikers, golfers and pickle ball players. This would be a gathering area for every to enjoy the new park. I don't believe anything like this is in the plan or has been considered.	10/30/2017 7:34 PM
134	A small snowmaking loop on the XC ski track would vastly improve the duration that this could be used in the winter. It would also provide valuable training space for the nearly 200 skiers on the Edina Nordic team. This could be done on a limited part of the trail for very little money with very little impact on adjacent property owners.	10/30/2017 7:16 PM
135	No	10/30/2017 6:43 PM
136	no	10/30/2017 6:08 PM
137	I didn't see a picnic area	10/30/2017 6:01 PM
138	I do not see anything missing in the plan	10/30/2017 5:59 PM
139	While I agree that a master plan is desired, I feel that the city should fund the plan over a ten year period. It is not necessary to incorporate the plan all at once	10/30/2017 5:41 PM
140	Overall, well done!	10/30/2017 5:07 PM
141	Restrooms, parking, lighting?	10/30/2017 4:18 PM
142	skatepark	10/30/2017 3:59 PM
143	See above- 4-6 Pickle ball courts	10/30/2017 3:34 PM
144	Relief from urban noise/congestion. With so many people engaged in so many activities, I'm afraid congestion and parking might be problems.	10/30/2017 3:22 PM
145	More overlooks or benches/picnic stops	10/30/2017 3:04 PM
146	Other than wanting to be sure that the above concern is addressed, looks like an excellent plan to open up the natural areas for more people to enjoy.	10/30/2017 3:03 PM
147	A clear plan for next steps, budget and time line has not been clearly communicated throughout this project. A list of all projects and a price for each of the projects for the community to vote on would be beneficial as well as a timeline for when the different projects would be completed.	10/30/2017 2:53 PM
148	Some consideration of keeping the east hill a natural area and retaining the current walking trail on the hill.	10/30/2017 2:43 PM
149	No	10/30/2017 2:26 PM
150	Not really	10/30/2017 2:19 PM
151	Solar array to power the system or at least be a demonstration of the city's commitment to renewable energy. An area of the park system that educates people how they can be a part of building a low carbon economy thru Windsource, Community solar, smart land/ yard practices (composting, pollinator friendly yards, low noise and emission equipment, etc. Parts of the park that practice "no mow" and alternatives to maintenance w/o burning fossil fuels while sequestering carbon with native plantings.	10/30/2017 2:12 PM

Braemar Park Preferred Master Plan Concept		
152	interface with rest of trails in edina	10/30/2017 1:57 PM
153	Dog areas - like 3 River Parks has(see Bush Lake). Outdoor lighting on trails, snow machines. Tubing with a tow rope.	10/30/2017 1:53 PM
154	Costs of each aspect of proposal, and alternatives at lower / higher cost.	10/30/2017 1:51 PM
155	Snow making for cross country ski trails. There is rarely enough natural snow for skiing.	10/30/2017 1:29 PM
156	Yes -- what fees are you going to charge ? Better be minimal for residents.	10/30/2017 1:26 PM
157	No. There is too much in the plan. How much will this cost and is there already budget for it?	10/30/2017 1:11 PM
158	Looks great	10/30/2017 1:03 PM
159	Connectivity- ped and bike trails to other parts of Edina.	10/30/2017 12:56 PM
160	Tin Fish is gone. We need a bakery, coffee shop or a drive through doughnut or pizza in the area. There is nothing.	10/30/2017 12:30 PM
161	Yes, Common sense. Dollars better spent on existing parks. Elitist concept.	10/30/2017 11:49 AM
162	No. There look to be a lot of things on there.	10/30/2017 11:34 AM
163	Will Courtney Fields have handicapped access?	10/30/2017 11:31 AM
164	No	10/30/2017 11:29 AM
165	No	10/30/2017 11:12 AM
166	It would be nice to have a dedicated bike path between the two mountain biking loops, but I understand the space constraints and am happy to share the trail.	10/30/2017 11:07 AM
167	snow shoeing, etc	10/30/2017 11:03 AM
168	I wasn't sure if the two single-trail tracks are connected in anyway (maybe across the boardwalk?). If not, that would be ideal to allow a rider to ride both sections with a connecting trail in between.	10/30/2017 10:52 AM
169	Executive 9 hole golf course	10/30/2017 10:50 AM
170	Basketball play space...	10/30/2017 10:48 AM
171	No. It seems well thought-out and appeals to a wide variety of users and a wide range of great uses.	10/30/2017 10:43 AM
172	Indoor pickleball courts. The city could host tournaments, and sell annual memberships, or per play charges that would help pay for the facility.	10/30/2017 10:41 AM
173	a dog park area. so many residents in this area have dogs.	10/30/2017 10:32 AM
174	No.	10/30/2017 10:31 AM
175	Connection to other trail systems in the area	10/30/2017 10:29 AM
176	Dedicate Bocce Ball courts would be great. There are some lanes at Pinstripes, but not many local outdoor venues. It could create opportunity for league play.	10/30/2017 10:28 AM
177	Setting cross country ski tracks with a machine	10/30/2017 10:28 AM
178	Attract an AWEsome restaurant to the club house. That will become a destination restaurant for the residents and non residents or Edina. Update interior to match restauant. TinFish was good, but not the draw or excitment to get me there during non Braemar events.	10/30/2017 10:25 AM
179	there is too much in the plan - to many activities - too busy	10/30/2017 10:23 AM
180	Dog park, off leash play area for dogs	10/30/2017 10:23 AM
181	no	10/30/2017 10:19 AM
182	Potential to sell back some of the land for single family homes to pay for city amenities/park construction.	10/30/2017 10:19 AM
183	Basketball courts	10/30/2017 10:15 AM
184	I really like that the trails and other amenities are being expanded.	10/30/2017 10:14 AM
185	Snow shoe areas/trails. Plan looks great!	10/30/2017 10:14 AM

Braemar Park Preferred Master Plan Concept

186	Place to buy refreshments and light snacks, and picnic area	10/30/2017 10:12 AM
187	No	10/30/2017 10:12 AM
188	Good food and warming house for winter use!	10/30/2017 10:11 AM
189	No	10/30/2017 10:11 AM



Speak Up, Edina!

August Discussion: Braemar Park Master Plan



SpeakUpEdina.org

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Kaylin Eidsness



Speak Up, Edina!

► **SHARE** your feedback! ► **POST** your ideas! ► **JOIN** the discussion!

What's This All About?

City of Edina is making it easier for the public to communicate feedback and receive information. City of Edina is a way for you to find out about ongoing **Projects**, join in on topical **Discussions**, create/share/vote on citizen-generated **Ideas**, and connect with others that share your interests. You can also learn about public **Meetings** and take **Surveys** that will help us, as a community, shape the future of how we work. The more public input we receive the better City of Edina can become.

Braemar Park Master Plan



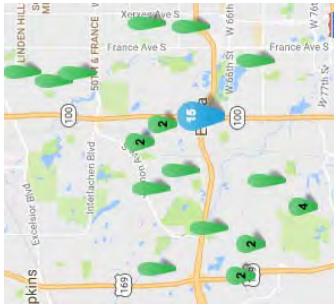
The CITY of
EDINA

In this discussion, the City posed the following questions:

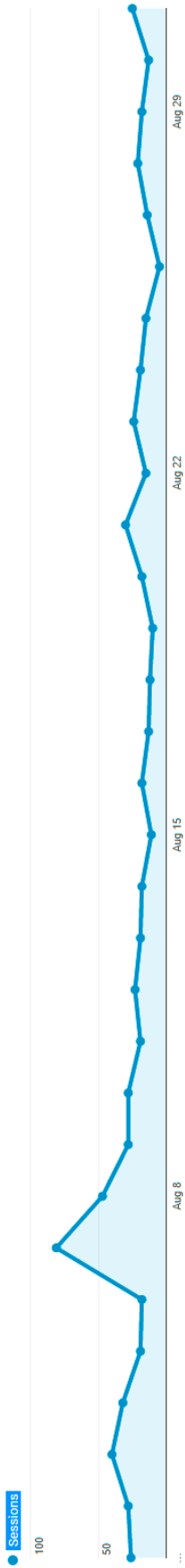
- What types of park amenities would you like to see added to create year-round recreational opportunities at Braemar Park?
- Would you like to see mountain bike trails added to the park? Why or why not?
- Would you use a walking trail system that looped around the outskirts of Braemar Golf Course? Why or why not?
- How should the City improve access to the park and connect it with the surrounding neighborhoods?

August Discussion

- Open Aug. 1-31
- 68 comments made in total
- 632 users; 707 total sessions
- 1,924 page views



bike high great area braemar trail environment bikers trails love one walking mountain mountain bike trails bike trails school no people community city park edina natural high school mountain bike race mountain biking its sport team



Trails



- Overwhelming support for additional trails/sidewalks that would connect the neighborhood with Braemar Park, along with new walking/biking trails in the Park that people can use.
- Many votes and comments in support of mountain biking trails that the EHS Mountain Bike Team can use, along with recreational mountain bikers.
 - Make sure trails cause minimal disruption to nature. (No lights needed.)
 - Hikers want to remain separate from mountain bikers.
- Mountain biking is a growing, healthy sport that we should support.

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5

Additional Amenities



- Cross-country skiing trails in the winter, and snow making equipment.
- Family-friendly activities on the west side of Edina. Only add amenities that are self-sustaining from new revenue.
- Add educational examples, or an outdoor classroom, of renewable energy, e.g. solar, wind energy, smart water use, growing food, rain gardens, etc.
- Dog park.
- Curling.

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6

Other Themes



- Remove buckthorn from Park; should be a priority.

Speak Up, Edina!



- October Discussion Topic:

Building Heights

Speak Up, Edina!



Questions?

SpeakUpEdina.org

Community Engagement Log

BRAEMAR PARK COMMUNITY ENGAGEMENT LOG					
TYPE	DATE	METHOD		DETAILS	
First community meeting promotion (July 26 meeting)	7/19/2017	Nextdoor		Sent to 13,839 subscribers	
First community meeting promotion	7/19/2017	City Extra direct email		Sent to Parks & Rec news list - 1,547 subscribers, 550 opens	
First community meeting promotion	7/19/2017	Facebook		4,025 reach	
Speak Up, Edina! promotion	7/21/2017	Facebook		6,037 reach	
First community meeting promotion	7/24/2017	Braemar Golf Facebook		628 reach	
Reminder first community meeting	7/25/2017	Nextdoor		Sent to 13,839 subscribers	
First community meeting reminder	7/25/2017	Facebook		837 reach	
Inaugural community meeting	7/26/2017	Meeting at Braemar Golf Clubhouse		About 50 attendees provided ideas for the park	
Speak Up, Edina discussion	8/1/2017	SpeakUpEdina.org		68 comments received through Aug. 31	
First Braemar Park Survey	8/4/2017	Online survey		732 respondents through Aug. 31	
Speak Up, Edina discussion promotion	8/7/2017	City Extra direct email		Sent to Parks & Rec news list - 1,547 subscribers, 535 opens; Neighborhood - 121 recipients, 69 opens	
Speak Up, Edina! reminder	8/7/2017	Facebook		858 reach	
Braemar Park project page launches on EdinaMN.gov	8/8/2017	EdinaMN.gov/BraemarParkMasterPlan		1,084 page views as of early November 2017	
First survey solicit for responses	8/7/2017	Facebook		557 reach	
First survey website promotion	8/9/2017	EdinaMN.gov and Facility sites		Survey promotion and links added to Parks & Rec main page, pages of Facilities in Braemar Park	
First survey solicit for responses	8/9/2017	Facebook		3,751 reach	
First survey solicit for responses	8/10/2017	Nextdoor		Sent to 13,839 Nextdoor subscribers	
First survey promotion	8/10/2017	City Extra direct email		Sent to Parks, Braemar Field, Braemar Arena, Braemar Golf Course and Neighborhood lists - 2967 recipients, 1011 opens	
Reminder first survey email	8/21/2017	Nextdoor		Sent to 13,839 subscribers	
First survey reminder	8/23/2017	Facebook		2,464 reach	
First survey reminder	8/30/2017	Facebook		2,231 reach	
Second community meeting promotion (Sept. 18)	9/8/2017	Nextdoor		Sent to 13,839 subscribers	
Second community meeting promotion	9/8/2017	Facebook		1,951 reach	
Second community meeting promotion	9/13/2017	City Extra direct email		Sent to Parks & Rec news list - 1,547 subscribers, 476 opens; Neighborhood - 176 recipients, 78 opens	
Reminder second community meeting	9/14/2017	Nextdoor		Sent to 13,839 subscribers	
Second community meeting promotion	9/14/2017	Facebook		1,462 reach	
Second community meeting	9/18/2017	Braemar Golf Clubhouse		51 people signed in and gave feedback on early concepts	
Second Survey - Concept Alternatives	9/29/2017	Online survey		450 respondents through Oct. 18	

Second Survey solicit for responses	10/2/2017	Nextdoor	Sent to 13,839 subscribers
Second survey solicit for responses	10/2/2017	City Extra direct email	Sent to Parks, Neighborhoods, BGC and Braemar Arena lists - 2792 recipients, 988 opens
Second survey solicit for responses	10/2/2017	Facebook	5,412 reach
Third community meeting promotion (Oct. 23)	10/12/2017	Nextdoor	Sent to 13,839 subscribers
Notice of Braemar Park and Arden Park meetings	10/12/2017	City Extra direct email	Sent to Parks and Neighborhoods - 1959 recipients, 594 opens
Third community meeting promotion	10/23/2017	Facebook	3,968 reach
Third community meeting	10/23/2017	Braemar Golf Clubhouse	27 people signed in at meeting
Third Survey - Open ended questions on Preferred Concept	10/27/2017	Online survey	202 respondents through Nov. 8
Third survey solicit for responses	10/30/2017	Nextdoor	Sent to 13,839 subscribers
Third survey solicit for responses	10/30/2017	Facebook	3,515 reach
Third survey solicit for responses	11/1/2017	City Extra direct email	Sent to Parks, Neighborhoods, Braemar Arena lists - 1,941 recipients, 651 opens
Note: Most Facebook posts also posted to City Twitter account, which has about 7,400 followers			
Surveys created by Communications staff via SurveyMonkey			
Community meeting promotion			
Survey promotion			
Community meeting			
Speak Up, Edina			
Project webpage			



B

APPENDIX B: FDS37 SOUTHERN DRY - MESIC OAK (MAPLE) WOODLAND



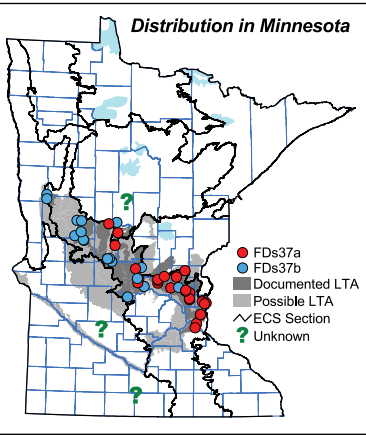
Southern Dry-Mesic Oak (Maple) Woodland

Dry-mesic hardwood forests on undulating sand flats, hummocky moraines, and river bluffs. Present mostly on fine sand or sand-gravel soils. Often on south- or west-facing slopes but common also on flat to undulating sandy lake plains. Historically, fires were common in this community, and many stands are on sites occupied by brushlands 100–150 years ago.

Vegetation Structure & Composition

Description is based on summary of vegetation data from 43 plots (relevés).

- **Ground-layer** cover is patchy to continuous (25–100%). Pointed-leaved tick trefoil (*Desmodium glutinosum*), Clayton’s sweet cicely (*Osmorhiza claytonii*), hog peanut (*Amphicarpaea bracteata*), Canada may-flower (*Maianthemum canadense*), and wild geranium (*Geranium maculatum*) are commonly present. Pennsylvania sedge (*Carex pensylvanica*) is the most abundant graminoid. Dewey’s sedge (*Carex deweyana*) and starry sedge (*Carex rosea*) may also be present.
- **Shrub-layer** cover is patchy to continuous (25–100%). Common species include black cherry, red maple, chokecherry (*Prunus virginiana*), American hazelnut (*Corylus americana*), gray dogwood (*Cornus racemosa*), prickly ash (*Zanthoxylum americanum*), Virginia creeper (*Parthenocissus* spp.), and poison ivy (*Toxicodendron rydbergii*).
- **Subcanopy** cover is patchy to interrupted (25–75%). The most common species are black cherry, red maple, and bur oak.
- **Canopy** cover is usually interrupted to continuous (50–100%). Bur oak and northern pin oak are the most common species. Northern red oak, white oak, and red maple are occasionally present. Older trees are often open grown, indicating previously more open conditions on the site.
- **Note:** Red maple and white oak are generally absent from occurrences in the CGP.



Landscape Setting & Soils

- **Glacial lake plains**—Common. Present on undulating sand flats that were deposited in the shallow waters of Glacial Lake Grantsburg. Parent material is stoneless, well-sorted fine sand. It was initially calcareous, but soils are now leached of carbonates. Subsoil horizons capable of perching snowmelt are lacking, but general fine-sand texture and occasional bands of silt and gravel can help to retain some soil moisture. Densely cemented layers of sand that may reflect past positions of the water table occur at depth and can help hold water for deeply rooted plants. Soils are excessively drained and the soil-moisture regime is moderately dry. (Anoka Sand Plain in MIM)
- **Stagnation moraines**—Occasional. Present on hummocky moraines, often adjacent to fire-prone outwash plains and tunnel valleys that were occupied in the past by brushland or prairie. Parent material is a discontinuous cap of partially sorted gravelly sand over a base of denser till and is often complexly stratified. Parent material can be calcareous or noncalcareous; when calcareous, soils are leached of free carbonates to at least 30in (75cm). Although some clays have accumulated in the subsoil, clays are insufficient to perch snowmelt and rainfall. The complex stratification allows these sites to retain some rainfall, and water is available to deeply rooted plants just above the dense till. Where the sandy cap is thick, the soils are excessively drained, and the soil-moisture regime is moderately dry. Where the cap is thinner, the soils are well drained, and the soil-moisture regime is fresh. (St. Paul-Baldwin Plains and Hardwood Hills in MIM; locally in Pine Moraines and Outwash Plains in MDL; and Minnesota River Prairie in CGP)



- **River bluffs**—Common. Present on steep (20–50%) south- or west-facing slopes along the Minnesota River valley and other major streams. Soils are developed on eroded calcareous till or cut-faces of gravelly terraces well above modern alluvium. Free carbonates are present at or close to the surface and topsoil layers are thin because of surface erosion. Soils are somewhat excessively to excessively drained. Soil moisture regime is dry to moderately fresh. (Minnesota River Prairie in CGP)

Natural History

In the past, fires were very common throughout the range of FDs37. An analysis of Public Land Survey records indicates that the rotation of catastrophic fires was about 110 years, and the rotation of mild surface fires about 10 years.¹ The rotation of all fires combined is estimated to be 9 years. Windthrow was not common, with an estimated rotation exceeding 1,000 years. Based on the historic composition and age structure of these forests, FDs37 had two growth stages.

- **0–75 years**—Young forests recovering from fire, dominated by bur oak with some northern red oak or white oak. Quaking aspen, northern pin oak, and black cherry are minor components.
- **> 75 years**—Mature forests dominated by a mixture of bur oak, white oak, northern pin oak, and some northern red oak, with minor amounts of American elm. (In the past, sites now occupied by FDs37 typically supported more open communities, including brush-prairie or savanna. Air photos from the 1930s show these sites to have scattered oaks rather than forest canopies. With suppression of wildfires since the mid-1800s, these sites have developed denser tree canopies and herbs typical of mesic forests have become common in the understory. The examples of FDs37 used in this classification are best described by the mature forest growth stage.)

Similar Native Plant Community Classes

• FDs36 Southern Dry-Mesic Oak-Aspen Forest

FDs36 can be similar to FDs37, and the ranges of the two communities overlap in the central part of the Hardwood Hills Subsection in the MIM and adjacent parts of the RRV. FDs36 tends to occur on loamy rather than fine sand or sand-gravel soils.

FDs37 Indicator Species	(freq%)		FDs36 Indicator Species	(freq%)	
	FDs37	FDs36		FDs37	FDs36
Northern pin oak (C,U)	60	-	Canada goldenrod (<i>Solidago canadensis</i>)	2	32
Tall blackberries*	53	-	Tall oollockberry (<i>Rudbeckia laciniata</i>)	2	28
Large-leaved aster (<i>Aster macrophyllus</i>)	51	-	Golden alexanders (<i>Zizia aurea</i>)	2	28
Wild geranium (<i>Geranium maculatum</i>)	71	4	Basswood (C)	4	40
Red maple (C,U)	67	4	American elm (C)	7	36
Lady fern (<i>Athyrium filix-femina</i>)	53	8	Large-flowered bellwort (<i>Uvularia grandiflora</i>)	20	88
Black cherry (C,U)	87	16	Lindley’s aster (<i>Aster ciliolatus</i>)	16	64
Northern bedstraw (<i>Galium boreale</i>)	40	8	Bloodroot (<i>Sanguinaria canadensis</i>)	9	32

*Tall blackberries (*Rubus allegheniensis* and similar *Rubus* spp.)

• MHc26 Central Dry-Mesic Oak-Aspen Forest

MHc26 generally occurs to the north and east of FDs37, although the ranges of the two classes overlap along the border between the EBF and LMF Provinces. The presence of sugar maple, especially in the canopy, differentiates MHc26 from FDs37.

FDs37 Indicator Species	(freq%)		MHc26 Indicator Species	(freq%)	
	FDs37	MHc26		FDs37	MHc26
Box elder (U)	42	-	Fly honeysuckle (<i>Lonicera canadensis</i>)	-	32
Prickly ash (<i>Zanthoxylum americanum</i>)	67	4	Sugar maple (C,U)	4	71
Northern pin oak (C,U)	60	4	Large-flowered trillium (<i>Trillium grandiflorum</i>)	2	28
Black cherry (C)	29	3	Bluebead lily (<i>Clintonia borealis</i>)	2	27
Wild grape (<i>Vitis riparia</i>)	62	7	Basswood (C)	4	45
Giant Solomon’s seal (<i>Polygonatum biflorum</i>)	27	4	Rose twistedstalk (<i>Streptopus roseus</i>)	7	54
Lopseed (<i>Phryma leptostachya</i>)	62	9	Round-lobed hepatica (<i>Anemone americana</i>)	7	47
Wild geranium (<i>Geranium maculatum</i>)	71	13	Pagoda dogwood (<i>Cornus alternifolia</i>)	13	61

¹Forested communities that extend into the prairie regions of Minnesota tend to have shorter rotations of disturbance from fire (and often wind) on the western edge of their range compared with the eastern part. This probably results from drier climate in the west and being surrounded by prairie vegetation that burns frequently. Because estimated rotations of disturbance for forested communities are calculated from PLS bearing-tree records across the range of the community, and records in the prairie regions are often much sparser than those to the east, disturbance rotations may be much shorter for forest stands in the prairie regions than those presented for the class as a whole.

FDs37
- continued -

FIRE-DEPENDENT FOREST/WOODLAND SYSTEM
Southern Floristic Region



● **FDc34 Central Dry-Mesic Pine-Hardwood Forest**

FDc34 generally occurs north of FDs37; the presence of conifers almost always distinguishes FDc34 from FDs37.

Fds37 Indicator Species	(freq%) Fds37 Fdc34		Fdc34 Indicator Species	(freq%) Fds37 Fdc34	
Prickly ash (<i>Zanthoxylum americanum</i>)	67	-	Red pine (C)	-	51
Bx elder (U)	42	-	Bunchberry (<i>Cornus canadensis</i>)	-	39
Wild grape (<i>Vitis riparia</i>)	62	2	Bluebead lily (<i>Clintonia borealis</i>)	2	46
Lopsseed (<i>Phryma leptostachya</i>)	62	2	Rose twistedstalk (<i>Streptopus roseus</i>)	7	68
Northern pin oak (C,U)	60	2	White pine (C,U)	4	41
Wild geranium (<i>Geranium maculatum</i>)	71	3	Paper birch (U)	7	51
Common evening's nightshade (<i>Circaea lutetiana</i>)	60	3	Round-lobed hepatica (<i>Anemone americana</i>)	7	39
Pointed-leaved tick trefoil (<i>Desmodium glutinosum</i>)	80	7	Low bush blueberry (<i>Vaccinium angustifolium</i>)	13	61

● **MHc36 Central Mesic Hardwood Forest (Eastern)**

MHc36 can be similar to FDs37 when FDs37 is dominated by northern red oak (FDs37a). FDs37, however, generally lacks sugar maple, which is prominent in MHc36.

Fds37 Indicator Species	(freq%)		MHc36 Indicator Species	(freq%)	
	Fds37	MHc36		Fds37	MHc36
Northern pin oak (C.U)	50	2	L Leatherwood (<i>Dicca palustris</i>)	4	38
Prickly or Smooth wild rose*	27	2	Z Zigzag goldenrod (<i>Solidago flexicaulis</i>)	4	79
Nannyberry (<i>Viburnum lentago</i>)	46	4	L Long-stalked sedge (<i>Carex pedunculata</i>)	4	53
Black cherry (C)	38	4	L Large-flowered trillium (<i>Trillium grandiflorum</i>)	4	52
Gray dogwood (<i>Cornus racemosa</i>)	62	7	S Sugar maple (C,U)	8	91
Tall blackberries**	73	9	B Basswood (C)	8	87
Wild grape (<i>Vitis riparia</i>)	69	10	B Blue beech (U)	4	40
American hazelnut (<i>Corylus americana</i>)	85	12	B Bloodroot (<i>Sanguinaria canadensis</i>)	8	58

*Prickly or Smooth wild rose (*Rosa acicularis* or *R. blanda*) **Tall blackberries (*Rubus allegheniensis* and similar *Rubus* spp.)

- **MHs37 Southern Dry-Mesic Oak Forest**

MHs37 can be similar to FDs37 but is more likely to occur on loamy soils (at least in the upper soil layers) than on fine sand or sand-gravel soils. MHs37 occurs on sites less affected by fire in the recent past and therefore generally lacks the open-grown canopy trees often present in FDs37.

Fds37 Indicator Species	(freq%)		Mhs37 Indicator Species	(freq%)	
	Fds37	Mhs37		Fds37	Mhs37
Mountain rice grass (<i>Oryzopsis asperifolia</i>)	42	-	Maidenhair fern (<i>Adiantum pedatum</i>)	-	56
Large-leaved aster (<i>Aster macrophyllus</i>)	51	2	Spreading Jacob's ladder (<i>Polemonium reptans</i>)	-	47
Bush honeysuckle (<i>Diervilla lonicera</i>)	36	2	Gregarious black snakeroot (<i>Sanicula gregaria</i>)	4	58
Red maple (C.U.)	67	7	Bitternut hickory (C.U.)	4	56
Pale bellwort (<i>Uvularia sessilifolia</i>)	62	7	Sugar maple (C.U.)	4	51
Quaking aspen (C.U.)	29	5	White snakeroot (<i>Eupatorium rugosum</i>)	7	65
Spreading dogbane (<i>Apocynum androsaemifolium</i>)	40	7	Hackberry (C.U.)	9	60
Northern pin oak (C.U.)	60	23	Honewort (<i>Cryptotaenia canadensis</i>)	13	72

• **FDs27 Southern Dry-Mesic Pine-Oak Woodland**

The range of FDs27 occasionally overlaps with FDs37 in the area around the Twin Cities, where it occurs on deep sands that accumulate along valley walls of tributaries to the Mississippi River.

<i>FDs37 Indicator Species</i>	(freq)		<i>FDs27 Indicator Species</i>	(freq)	
	<i>FDs37</i>	<i>FDs27</i>		<i>FDs37</i>	<i>FDs27</i>
Red maple (<i>C.U.</i>)	67	-	Flowering spurge (<i>Euphorbia corollata</i>)	-	62
Pale bellwort (<i>Uvularia sessilifolia</i>)	62	-	Heart-leaved aster (<i>Aster cordifolius</i>)	-	46
Large-leaved aster (<i>Aster macrophyllus</i>)	51	-	Downy rattlesnake plantain (<i>Goodyera pubescens</i>)	-	38
Mountain rice grass (<i>Oryzopsis asperifolia</i>)	42	-	Bitternut hickory (<i>C.U.</i>)	4	62
Beaked hazelnut (<i>Corylus cornuta</i>)	24	-	Eastern red cedar (<i>C.U.</i>)	4	62
Starflower (<i>Trientalis borealis</i>)	22	-	White pine (<i>C.U.</i>)	4	54
Darrow arrowwood (<i>Viburnum rafinesquianum</i>)	49	8	White snakeroot (<i>Eupatorium rugosum</i>)	7	69
Nannyberry (<i>Viburnum lentago</i>)	42	8	Black raspberry (<i>Rubus occidentalis</i>)	9	54

• **FDc25 Central Dry Oak-Aspen (Pine) Woodland**

The range of FDC25 overlaps with FDs37 in east-central Minnesota, where FDC25 occurs on level lake plains and on glacial river terraces. Species more commonly found in prairies are often present in FDC25 while generally absent from FDs37.

FDs37
- continued -

FIRE-DEPENDENT FOREST/WOODLAND SYSTEM
Southern Floristic Region



FDs37 Indicator Species	(freq)		FDc25 Indicator Species	(freq)	
	FDs37	FDc25		FDs37	FDc25
Box elder (U)	42	-	Wingertgreen (<i>Gaultheria procumbens</i>)	-	47
Common enchanter's nightshade (<i>Circaea lutetiana</i>)	60	3	Wild bergamot (<i>Monarda fistulosa</i>)	-	37
Prickly ash (<i>Zanthoxylum americanum</i>)	67	7	Jack pine (C)	-	30
Lopseed (<i>Phryma leptostachya</i>)	62	7	Prairie willow (<i>Salix humilis</i>)	-	30
Black cherry (C)	29	3	Yarrow (<i>Achillea millefolium</i>)	2	43
Lady fern (<i>Athyrium filix-femina</i>)	53	7	Big-toothed aspen (U)	4	33
Missouri gooseberry (<i>Ribes missouriense</i>)	24	3	Lowbush blueberry (<i>Vaccinium angustifolium</i>)	13	93
Wild geranium (<i>Geranium maculatum</i>)	71	13	Vainy pea (<i>Lathyrus venosus</i>)	7	47

Native Plant Community Types in Class

- **FDs37a Oak - (Red Maple) Woodland**

Canopy is dominated by northern red oak, northern pin oak, and white oak with lesser amounts of bur oak and red maple. Red maple is also common in the subcanopy and shrub layers. Chokecherry, American hazelnut, gray dogwood, and prickly ash are common in the shrub layer. FDs37a is distinguished from FDs37b by the presence of northern red oak or white oak in the canopy or understory. Other species that can help to differentiate FDs37a from FDs37b include red maple, bush honeysuckle (*Diervilla lonicera*), lady fern (*Athyrium filix-femina*), interrupted fern (*Osmunda claytoniana*), and starflower (*Trientalis borealis*). FDs37a has been documented in the MIM and MDL; it is most common in the Anoka Sand Plain Subsection in the MIM. Description is based on summary of vegetation data from 26 plots.

- **FDs37b Pin Oak - Bur Oak Woodland**

Canopy has abundant northern pin oak and bur oak. The subcanopy is not well differentiated from the canopy; bur oak, black cherry, and green ash are the most common subcanopy species. The shrub layer is often dense, with prickly ash, chokecherry, American hazelnut, gray dogwood, prickly gooseberry (*Ribes cynosbati*), and downy arrowwood (*Viburnum rafinesquianum*) all common. FDs37b is distinguished from FDs37a by the greater dominance of northern pin oak and bur oak in the canopy. Other species that help to differentiate FDs37b from FDs37a when present include green ash, wild honeysuckle (*Lonicera dioica*), snowberry or wolfberry (*Symphoricarpos* spp.), giant Solomon's seal (*Polygonatum biflorum*), Lindley's aster (*Aster ciliolatus*), and side-flowering aster (*Aster lateriflorus*). FDs37b has been documented in the MIM and CGP, where it is most common in the Hardwood Hills Subsection with occasional occurrences in the Anoka Sand Plain and Minnesota River Prairie Subsections. (Occurrences in the Minnesota River Prairie Subsection and other parts of southwestern Minnesota are included on the basis of field observations; few samples from FD communities are available for this part of the state.) Description is based on summary of vegetation data from 18 plots.



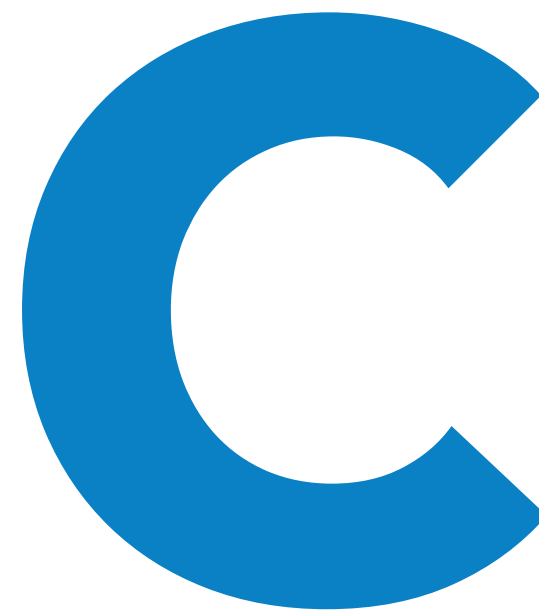
Boot Lake Scientific and Natural Area, Anoka County, MN

Photo by D.S. Wovcha MN DNR

FDs37 Southern Dry-Mesic Oak (Maple) Woodland — Species Frequency and Cover

Forbs, Ferns & Fern Allies			Wild grape (<i>Vitis riparia</i>)		
Clayton's sweet cicely (<i>Osmorhiza claytonii</i>)	78	••	Low Shrubs		62
Pointed-leaved tick trefoil (<i>Desmodium glutinosum</i>)	78	••	Red raspberry (<i>Rubus idaeus</i>)		64
Hog peanut (<i>Amphicarpaea bracteata</i>)	76	••	Tall blackberries (<i>Rubus allegheniensis</i> and similar <i>Rubus</i> spp.)		47
Canada mayflower (<i>Maianthemum canadense</i>)	73	••	Tall Shrubs		
Wild geranium (<i>Geranium maculatum</i>)	69	••	Chokecherry (<i>Prunus virginiana</i>)		82
Common enchanter's nightshade (<i>Circaea luteiflora</i>)	60	••	American hazelnut (<i>Corylus americana</i>)		80
Wild sarsaparilla (<i>Aralia nudicaulis</i>)	60	••	Gray dogwood (<i>Cornus racemosa</i>)		67
Lopsided (<i>Phryma leptostachya</i>)	60	••	Prickly ash (<i>Zanthoxylum americanum</i>)		67
Common false Solomon's seal (<i>Smilacina racemosa</i>)	60	••	Poison ivy (<i>Toxicodendron rydbergii</i>)		64
Pale bellwort (<i>Uvularia sessilifolia</i>)	60	••	Prickly gooseberry (<i>Ribes cynosbati</i>)		49
Lady fern (<i>Athyrium filix-femina</i>)	51	••	Downy arrowwood (<i>Viburnum rafinesquianum</i>)		49
Bracken (<i>Pteridium aquilinum</i>)	51	••	Juneberries (<i>Amelanchier</i> spp.)		47
Sweet-scented bedstraw (<i>Galium triflorum</i>)	51	••	Nannyberry (<i>Viburnum lentago</i>)		42
Large-leaved aster (<i>Aster macrophyllus</i>)	49	••	Bush honeysuckle (<i>Lonicera</i>)		33
Columbine (<i>Aquilegia canadensis</i>)	40	••	Missouri gooseberry (<i>Ribes missouriense</i>)		24
Northern bedstraw (<i>Galium boreale</i>)	40	••	Beaked hazelnut (<i>Corylus cornuta</i>)		22
Wood anemone (<i>Anemone quinquefolia</i>)	40	••	Snowberry or Wolfberry (<i>Symphoricarpos albus</i> or <i>S. occidentalis</i>)		20
Spreading dogbane (<i>Apocynum androsaemifolium</i>)	38	••	Red-berried elder (<i>Sambucus racemosa</i>)		20
Maryland black snakeroot (<i>Sanicula marilandica</i>)	36	••	Round-leaved dogwood (<i>Cornus rugosa</i>)		16
Early meadow-rue (<i>Thalictrum dioicum</i>)	31	••			
Giant Solomon's seal (<i>Polygonatum biflorum</i>)	27	••			
Starry false Solomon's seal (<i>Smilacina stellata</i>)	22	••			
Starflower (<i>Trianthus borealis</i>)	20	••			
Interrupted fern (<i>Osmunda claytoniana</i>)	20	••			
Large-flowered bellwort (<i>Uvularia grandiflora</i>)	20	••			
Elliptic shinleaf (<i>Pyrola elliptica</i>)	20	••			
Tail-leaved aster (<i>Aster sagittifolius</i>)	18	••			
Grasses & Sedges					
Pennsylvania sedge (<i>Carex pensylvanica</i>)	84	•••			
Mountain rice grass (<i>Oryzopsis asperifolia</i>)	40	••			
Nodding fescue (<i>Festuca subverticillata</i>)	11	••			
Bootteltrust grass (<i>Elymus hystrix</i>)	11	••			
Woody Vines					
Virginia creeper (<i>Parthenocissus</i> spp.)	91	••			

Trees			Shrub Layer		
	freq%	cover		freq%	cover
Bur oak	67	•••	58	••	33
Northern pin oak	60	•••	33	•••	38
Northern red oak	33	•••	13	•••	22
White oak	29	•••	9	••	18
Black cherry	29	••	58	••	69
Quaking aspen	27	••	18	••	18
Red maple	27	••	56	•••	53
Paper birch	20	•••	-	-	-
Big-toothed aspen	11	•••	-	-	-
Green ash	9	•••	31	••	36
American elm	-	-	31	••	33
Ironwood	-	-	29	•••	18



APPENDIX C: STATE OF MINNESOTA SEED MIXES

PILOT SEED MIXES:

These new “Pilot” seed mixes have been developed for a variety of restoration, conservation and stormwater uses. Goals were to meet the needs of common project types and to create direction for emerging topics such as biofuels, buffers, conservation grazing, and pollinators. All of the mixes were developed for specific functions and incorporate pollinator habitat to the extent possible. The mixes will remain as pilot mixes for a couple years until we understand how they are performing before we work to make them official state mixes. In many cases these mixes should be considered starting points for developing site specific mixes.

Note: Oats cover crop is included as a component of these seed mixes with the exception of some wetland mixes where cover species are not necessary. Winter wheat (at a similar rate to oats) may be selected in some cases where germination is needed later in the fall, followed by further green-up the following spring (oats will not come back the follow spring unless it re-establishes from seed).

The seed mixes in this document include:

Beneficial Insects South West	Low Growing Solar Array Mix South West
Biofuels/Biomass Northwest	Low Growing Solar Array Moist Soils South and West
Biofuels/Biomass Southeast	Mesic Short Urban Buffer Northeast
Biofuels/Biomass Southwest	Mesic Short Urban Buffer South West
Compacted Trail General	Mid Diversity Mesic to Dry Buffer South West
Conservation Grazing South West	Mid Diversity Moist Buffer Northeast
Dry Short Urban Buffer General	Mid Diversity Moist Buffer South West
Early Successional Floodplain General	Native Forage Buffer Mix South West
Eroding Bank Stabilization Northeast	Native Grass Waterway General
Eroding Bank Stabilization Northwest South	Pollinator Plot Northwest
Forest Groundcover East	Pollinator Plot Urban Southeast
Honey Bee Plot Native Non-Native General	Pollinator Plots Northeast
Impoundment General	Pollinator Plots Southeast
Inundated Swale South West	Pollinator Plots Southwest
Landfill Pollinator Dry Northeast	Sand Mine Reclamation South West
Landfill Pollinator Dry South West	Shallow Rooted BMP Mix General
Landfill Pollinator Mesic Northeast	Silvopasture Southeast
Landfill Pollinator Mesic South West	Stormwater Pond Pollinator Northeast
Little Bluestem Urban Prairie	Wet Meadow Forb/Sedge/Rush Southwest
Low Diversity Buffer General	Wetland Construction General
Low Growing Solar Array Mix Northeast	Wetland Seedbank Release Northeast

Pilot		Beneficial Insects South & West					
Function:	Pollinator		Intent: Establishment of diverse vegetation for beneficial insects in agricultural areas				
Planting Area:	S & W						
Specialization:							
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)	
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91			
	Total Guild:		11.14	37.91	12.79%	82.2%	
Forb	Achillea millefolium	Common Yarrow	2	0.03			
	Agastache foeniculum	Blue Giant Hyssop	2.1	0.06			
	Allium stellatum	Prairie Wild Onion	0.28	0.07			
	Amorpha canescens	Lead Plant	0.37	0.06			
	Asclepias syriaca	Common Milkweed	0.2	0.14			
	Asclepias tuberosa	Butterfly Milkweed	0.071	0.04			
	Asclepias verticillata	Whorled Milkweed	0.1	0.02			
	Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04			
	Drymocallis arguta	Tall Cinquefoil	5.3	0.06			
	Echinacea angustifolia	Narrow-leaved Purple Conefl	0.115	0.04			
	Helenium autumnale	Autumn Sneezeweed	2.98	0.06			
	Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06			
	Helianthus pauciflorus	Stiff Sunflower	0.074	0.05			
	Heliopsis helianthoides	Ox-eye	0.9	0.39			
	Liatris aspera	Rough Blazing Star	0.37	0.06			
	Liatris ligulistylis	Northern Plains Blazing Star	0.19	0.05			
	Monarda fistulosa	Wild Bergamot	1.2	0.05			
	Monarda punctata	Horsemint	0.7	0.02			
	Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06			
	Penstemon digitalis	Foxglove Beardtongue	2.98	0.06			

	Penstemon grandiflorus	Large-flowered Beard Tongue	0.4	0.08		
	Pycnanthemum virginianum	Virginia Mountain Mint	3.81	0.05		
	Rudbeckia hirta	Black-eyed Susan	0.7	0.02		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.2	0.01		
	Solidago speciosa	Showy Goldenrod	1.6	0.05		
	Symphyotrichum ericoides	Heath Aster	1.7	0.02		
	Symphyotrichum laeve	Smooth Aster	1.1	0.05		
	Symphyotrichum novae-angliae	New England Aster	1	0.04		
	Tradescantia bracteata	Bracted Spiderwort	0.23	0.06		
	Verbena hastata	Blue Vervain	7	0.20		
	Zizia aptera	Heart-leaved Alexanders	0.26	0.06		
	Zizia aurea	Golden Alexanders	0.82	0.20		
Total Guild:			40.14	2.30	46.07%	5.0%
Graminoid						
	Bouteloua curtipendula	Side-oats Grama	3	1.36		
	Elymus canadensis	Canada Wild Rye	2	1.05		
	Koeleria macrantha	Junegrass	17	0.23		
	Schizachyrium scoparium	Little Bluestem	8	1.45		
	Sporobolus heterolepis	Prairie Dropseed	1.85	0.31		
Total Guild:			31.85	4.41	36.55%	9.6%
Legume						
	Chamaecrista fasciculata	Partridge Pea	1	1.01		
	Dalea candida	White Prairie Clover	1.5	0.21		
	Dalea purpurea	Purple Prairie Clover	1.5	0.27		
Total Guild:			4	1.50	4.59%	3.2%
Total Seed Mix:			87.13	46.12		

Pilot	Biofuels/Biomass Northwest					
Function:	Production	Intent:	Native prairie biofuel production for Northwest MN			
Planting Area:	NW					
Specialization:	NRCS 643 & 512					
Cover	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
	Avena sativa	Oats* (See Cover crop note)	1.4	4.76		
	Total Guild:		1.4	4.76	2.68%	33.7%
Forb	Allium stellatum	Prairie Wild Onion	0.12	0.03		
	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Asclepias tuberosa	Butterfly Milkweed	0.04	0.03		
	Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
	Heliopsis helianthoides	Ox-eye	0.14	0.06		
	Liatris aspera	Rough Blazing Star	0.18	0.03		
	Liatris pycnostachya	Great Blazing Star	0.2	0.05		
	Monarda fistulosa	Wild Bergamot	1.2	0.05		
	Oligoneuron rigidum	Stiff Goldenrod	0.6	0.04		
	Pycnanthemum virginianum	Virginia Mountain Mint	3	0.04		
	Ratibida columnifera	Prairie Coneflower	1.2	0.08		
	Rudbeckia hirta	Black-eyed Susan	4	0.12		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Smilacina racemosa	False Solomons Seal	0.01	0.07		
	Symphyotrichum ericoides	Heath Aster	1.5	0.02		
	Symphyotrichum laeve	Smooth Aster	0.61	0.03		
	Symphyotrichum novae-angliae	New England Aster	0.6	0.03		
	Verbena hastata	Blue Vervain	4	0.12		
	Zizia aurea	Golden Alexanders	0.7	0.17		
	Total Guild:			18.73	1.13	35.92%
Graminoid						

Andropogon gerardii	Big Bluestem	6	1.63
Bouteloua curtipendula	Side-oats Grama	1	0.45
Elymus canadensis	Canada Wild Rye	2	1.05
Elymus trachycaulus	Slender Wheatgrass	1.2	0.59
Hesperostipa spartea	Porcupine Grass	0.02	0.08
Panicum virgatum	Switchgrass	8	1.56
Schizachyrium scoparium	Little Bluestem	4	0.73
Sorghastrum nutans	Indian Grass	4	0.91
Spartina pectinata	Prairie Cordgrass	1	0.41

Total Guild:	27.22	7.41	52.20%	52.5%
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Legume

Astragalus canadensis	Canada Milk Vetch	1.2	0.19
Dalea candida	White Prairie Clover	1.5	0.21
Dalea purpurea	Purple Prairie Clover	2	0.36
Desmodium canadense	Canada Tick Trefoil	0.1	0.05

Total Guild:	4.8	0.82	9.20%	5.8%
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Total Seed Mix:	52.15	14.13
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Pilot

Biofuels/Biomass Southeast

Function:	Production	Intent:	Native prairie biofuel production for southeast MN		
Planting Area:	SE				
Specialization:	NRCS 643 & 512				

Scientific Name	Common Name	Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

Avena sativa	Oats* (See Cover crop note)	1.4	4.76
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Total Guild:	1.4	4.76	2.64%	31.7%
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Forb

Asclepias syriaca	Common Milkweed	0.16	0.11
Asclepias tuberosa	Butterfly Milkweed	0.04	0.03
Asclepias verticillata	Whorled Milkweed	0.08	0.02

Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06
Heliopsis helianthoides	Ox-eye	0.16	0.07
Liatris aspera	Rough Blazing Star	0.12	0.02
Monarda fistulosa	Wild Bergamot	2	0.08
Oligoneuron rigidum	Stiff Goldenrod	1	0.07
Ranunculus fascicularis	Early Buttercup	0.04	0.01
Ratibida pinnata	Gray-headed Coneflower	1	0.09
Rudbeckia hirta	Black-eyed Susan	8	0.24
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Symphyotrichum ericoides	Heath Aster	1.5	0.02
Symphyotrichum laeve	Smooth Aster	1	0.05
Symphyotrichum novae-angliae	New England Aster	0.7	0.03
Tradescantia bracteata	Bracted Spiderwort	0.08	0.02
Verbena hastata	Blue Vervain	1.5	0.04
Verbena stricta	Hoary Vervain	0.5	0.05
Zizia aurea	Golden Alexanders	0.29	0.07

Total Guild:	18.64	1.08	35.14%	7.2%
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Graminoid

Andropogon gerardii	Big Bluestem	6	1.63
Bouteloua curtipendula	Side-oats Grama	1	0.45
Elymus canadensis	Canada Wild Rye	2.01	1.05
Elymus trachycaulus	Slender Wheatgrass	1.2	0.59
Panicum virgatum	Switchgrass	8	1.56
Schizachyrium scoparium	Little Bluestem	4	0.73
Sorghastrum nutans	Indian Grass	4	0.91
Spartina pectinata	Prairie Cordgrass	1	0.41

Total Guild:	27.21	7.34	51.29%	48.9%
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Legume

Astragalus canadensis	Canada Milk Vetch	1.2	0.19
Chamaecrista fasciculata	Partridge Pea	1	1.01

	Dalea candida	White Prairie Clover	1.5	0.21		
	Dalea purpurea	Purple Prairie Clover	2	0.36		
	Desmodium canadense	Canada Tick Trefoil	0.1	0.05		
	Total Guild:		5.8	1.83	10.93%	12.2%
	Total Seed Mix:		53.05	15.01		

Pilot

Biofuels/Biomass Southwest

Function:	Production	Intent:	Native prairie biofuel production for southwest MN			
Planting Area:	SW					
Specialization:	NRCS 643 & 512					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	1.4	4.76		
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	Total Guild:		1.4	4.76	2.70%	29.9%
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Forb

	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Asclepias tuberosa	Butterfly Milkweed	0.04	0.03		
	Echinacea angustifolia	Narrow-leaved Purple Conefl	0.2	0.08		
	Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
	Heliopsis helianthoides	Ox-eye	0.14	0.06		
	Liatris aspera	Rough Blazing Star	0.2	0.03		
	Monarda fistulosa	Wild Bergamot	1.4	0.05		
	Oligoneuron rigidum	Stiff Goldenrod	1.2	0.08		
	Phlox pilosa	Prairie Phlox	0.08	0.01		
	Ratibida pinnata	Gray-headed Coneflower	2	0.18		
	Rudbeckia hirta	Black-eyed Susan	4	0.12		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Symphyotrichum laeve	Smooth Aster	0.6	0.03		
	Verbena stricta	Hoary Vervain	4	0.39		
	Zizia aurea	Golden Alexanders	1	0.25		

	Total Guild:		15.49	1.49	29.85%	9.4%
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Graminoid

	Andropogon gerardii	Big Bluestem	6	1.63		
	Bouteloua curtipendula	Side-oats Grama	1	0.45		
	Elymus canadensis	Canada Wild Rye	2	1.05		
	Elymus trachycaulus	Slender Wheatgrass	1.2	0.59		
	Nassella viridula	Green Needle Grass	1.7	0.44		
	Panicum virgatum	Switchgrass	8	1.56		
	Pascopyrum smithii	Western Wheatgrass	1.3	0.50		
	Schizachyrium scoparium	Little Bluestem	4	0.73		
	Sorghastrum nutans	Indian Grass	4	0.91		

	Total Guild:		29.2	7.86	56.27%	49.3%
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Legume

	Astragalus canadensis	Canada Milk Vetch	1.2	0.19		
	Chamaecrista fasciculata	Partridge Pea	1	1.01		
	Dalea candida	White Prairie Clover	1.5	0.21		
	Dalea purpurea	Purple Prairie Clover	2	0.36		
	Desmodium canadense	Canada Tick Trefoil	0.1	0.05		

	Total Guild:		5.8	1.83	11.18%	11.5%
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	Total Seed Mix:		51.89	15.94		
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Pilot

Compacted Trail General

Function:	Conservation	Intent:	Vegetation establishment on passive recreation trails. A couple species in this mix may be tender in some regions.							
Planting Area:	Statewide									
Specialization:										

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
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	Total Guild:		11.13	37.88	19.53%	97.3%
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Forb

	Achillea millefolium	Common Yarrow	2	0.03		
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Campanula rotundifolia	Harebell	7	0.02		
Total Guild:		9	0.05	15.80%	0.1%
Graminoid					
Bouteloua gracilis	Blue Grama	10	0.68		
Festuca subverticillata	Nodding Fescue	1.85	0.25		
Total Guild:		11.85	0.93	20.80%	2.4%
Sedge					
Juncus tenuis	Path Rush	25	0.07		
Total Guild:		25	0.07	43.88%	0.2%
Total Seed Mix:		56.98	38.93		

Pilot

Conservation Grazing South & West

Function:	Production	Intent:	Native prairie conservation grazing for southern and western MN			
Planting Area:	S & W					
Specialization:	NRCS 643 & 512					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	1.42	4.83		
	Total Guild:		1.42	4.83	2.69%	33.8%

Forb	Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
	Helianthus maximiliani	Maximilian's Sunflower	0.4	0.08		
	Liatris aspera	Rough Blazing Star	0.4	0.07		
	Monarda fistulosa	Wild Bergamot	1.4	0.05		
	Potentilla arguta	Prairie Cinquefoil	2.4	0.03		
	Ratibida pinnata	Gray-headed Coneflower	1	0.09		
	Rudbeckia hirta	Black-eyed Susan	10	0.30		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Symphotrichum laeve	Smooth Aster	0.6	0.03		
	Verbena stricta	Hoary Vervain	1.5	0.15		
	Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		

Zizia aurea	Golden Alexanders	0.8	0.20		
Total Guild:		18.96	1.06	35.85%	7.4%
Graminoid					
Andropogon gerardii	Big Bluestem	3	0.82		
Bouteloua curtipendula	Side-oats Grama	4	1.82		
Bromus kalmii	Kalm's Brome	0.9	0.31		
Elymus canadensis	Canada Wild Rye	1	0.52		
Elymus trachycaulus	Slender Wheatgrass	1	0.50		
Elymus virginicus	Virginia Wild Rye	1	0.65		
Koeleria macrantha	Junegrass	2	0.03		
Panicum virgatum	Switchgrass	2	0.39		
Schizachyrium scoparium	Little Bluestem	5	0.91		
Sorghastrum nutans	Indian Grass	4	0.91		
Sporobolus heterolepis	Prairie Dropseed	4	0.68		
Total Guild:		27.9	7.52	52.76%	52.6%

Legume	Astragalus canadensis	Canada Milk Vetch	1.2	0.19		
	Chamaecrista fasciculata	Partridge Pea	0.1	0.10		
	Dalea candida	White Prairie Clover	1.3	0.19		
	Dalea purpurea	Purple Prairie Clover	1.7	0.31		
	Lespedeza capitata	Round-headed Bush Clover	0.3	0.10		
	Total Guild:		4.6	0.89	8.70%	6.2%
Total Seed Mix:		52.88	14.30			

Pilot

Deep Marsh

Function:	Wetland	Intent:	For the stabilization and establishment of deep marsh areas of wetland restoration projects.			
Planting Area:	Statewide					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Forb						

	Acorus calamus	Sweet Flag	0.6	0.25		
	Total Guild:		0.6	0.25	1.54%	8.1%
Graminoid	Beckmannia syzigachne	American Slough Grass	20	1.09		
	Glyceria grandis	Tall Manna Grass	10	0.39		
	Total Guild:		30	1.48	77.12%	48.1%
Sedge						
	Bolboschoenus fluviatilis	River Bulrush	1.2	0.76		
	Eleocharis palustris	Marsh Spikerush	1.1	0.06		
	Schoenoplectus tabernaemonta	Soft Stem Bulrush	6	0.53		
	Total Guild:		8.3	1.35	21.34%	43.8%
	Total Seed Mix:		38.9	3.07		

State Mix

Dry Prairie General

Function:	Conservation	Intent:	General mesic prairie mix for native roadsides, ecological restoration, or conservation program plantings.			
Planting Area:	Statewide					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	11.43%	76.8%

Forb	Agastache foeniculum	Blue Giant Hyssop	2.07	0.06		
	Amorpha canescens	Lead Plant	0.42	0.07		
	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Coreopsis palmata	Bird's Foot Coreopsis	0.21	0.06		
	Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Monarda fistulosa	Wild Bergamot	1.42	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		

	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago nemoralis	Gray Goldenrod	3.86	0.04		
	Symphyotrichum ericoides	Heath Aster	2.58	0.04		
	Symphyotrichum laeve	Smooth Aster	1.26	0.06		
	Verbena stricta	Hoary Vervain	1.29	0.13		
	Total Guild:		25.02	1.09	25.69%	2.2%

Graminoid	Andropogon gerardii	Big Bluestem	2.57	0.70		
	Bouteloua curtipendula	Side-oats Grama	6.61	3.00		
	Bouteloua gracilis	Blue Grama	7.35	0.50		
	Bromus kalmii	Kalm's Brome	2.14	0.73		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Koeleria macrantha	Junegrass	18.37	0.25		
	Schizachyrium scoparium	Little Bluestem	16.53	3.00		
	Sorghastrum nutans	Indian Grass	3.09	0.70		
	Sporobolus heterolepis	Prairie Dropseed	0.73	0.12		
	Total Guild:		59.3	10.00	60.89%	20.3%

Legume	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Dalea candida	White Prairie Clover	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.02	0.19		
	Desmodium canadense	Canada Tick Trefoil	0.13	0.06		
	Total Guild:		1.94	0.37	1.99%	0.7%
	Total Seed Mix:		97.39	49.34		

State Mix

Dry Prairie Northwest

Function:	Conservation	Intent:	Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.			
Planting Area:	NW					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)

Cover	Avena sativa	Oats* (See Cover crop note)	1.34	4.56		
	Total Guild:		1.34	4.56	1.87%	35.7%
Forb	Allium stellatum	Prairie Wild Onion	0.12	0.03		
	Helianthus pauciflorus	Stiff Sunflower	0.05	0.03		
	Heliopsis helianthoides	Ox-eye	0.14	0.06		
	Liatris aspera	Rough Blazing Star	0.15	0.03		
	Liatris punctata	Dotted Blazing Star	0.05	0.02		
	Monarda fistulosa	Wild Bergamot	0.77	0.03		
	Oligoneuron rigidum	Stiff Goldenrod	0.45	0.03		
	Ratibida columnifera	Prairie Coneflower	0.93	0.06		
	Rudbeckia hirta	Black-eyed Susan	2.03	0.06		
	Solidago nemoralis	Gray Goldenrod	0.2	0.00		
	Symphyotrichum ericoides	Heath Aster	1.1	0.01		
	Symphyotrichum laeve	Smooth Aster	0.61	0.03		
	Zizia aptera	Heart-leaved Alexanders	0.24	0.05		
Total Guild:			6.84	0.45	9.52%	3.5%
Graminoid	Bouteloua curtipendula	Side-oats Grama	2.64	1.20		
	Bouteloua gracilis	Blue Grama	11	0.75		
	Bromus kalmii	Kalm's Brome	2.64	0.90		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Elymus trachycaulus	Slender Wheatgrass	2.54	1.26		
	Hesperostipa spartea	Porcupine Grass	0.11	0.44		
	Koeleria macrantha	Junegrass	18	0.25		
	Schizachyrium scoparium	Little Bluestem	8.26	1.50		
	Sporobolus cryptandrus	Sand Dropseed	15	0.20		
Total Guild:			62.1	7.49	86.47%	58.6%
Legume	Astragalus canadensis	Canada Milk Vetch	0.42	0.07		

	Dalea candida	White Prairie Clover	0.42	0.06		
	Dalea purpurea	Purple Prairie Clover	0.6	0.11		
	Desmodium canadense	Canada Tick Trefoil	0.1	0.05		
Total Guild:			1.54	0.29	2.14%	2.2%
Total Seed Mix:			71.82	12.79		
State Mix						
Function: Conservation		Intent: Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.				
Planting Area: SE						
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	1.33	4.53		
	Total Guild:		1.33	4.53	1.53%	35.3%
Forb	Asclepias tuberosa	Butterfly Milkweed	0.09	0.06		
	Asclepias verticillata	Whorled Milkweed	0.05	0.01		
	Coreopsis palmata	Bird's Foot Coreopsis	0.2	0.05		
	Heliopsis helianthoides	Ox-eye	0.13	0.06		
	Liatris aspera	Rough Blazing Star	0.11	0.02		
	Liatris punctata	Dotted Blazing Star	0.06	0.02		
	Monarda fistulosa	Wild Bergamot	0.85	0.03		
	Monarda punctata	Horsemint	0.8	0.02		
	Oligoneuron rigidum	Stiff Goldenrod	0.98	0.07		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.2	0.04		
	Rudbeckia hirta	Black-eyed Susan	3.2	0.09		
	Symphyotrichum oolentangiense	Skyblue Aster	0.2	0.01		
	Symphyotrichum sericeum	Silky Aster	0.2	0.02		
	Zizia aptera	Heart-leaved Alexanders	0.1	0.02		
Total Guild:			7.17	0.53	8.27%	4.1%

Graminoid				
Bouteloua curtipendula	Side-oats Grama	2.48	1.13	
Bouteloua gracilis	Blue Grama	10	0.68	
Bromus kalmii	Kalm's Brome	0.9	0.31	
Elymus canadensis	Canada Wild Rye	2.86	1.50	
Elymus trachycaulus	Slender Wheatgrass	3	1.49	
Koeleria macrantha	Junegrass	30	0.41	
Muhlenbergia mexicana	Leafy Satin Grass	0.05	0.00	
Schizachyrium scoparium	Little Bluestem	8.3	1.51	
Sporobolus cryptandrus	Sand Dropseed	16	0.22	
Sporobolus heterolepis	Prairie Dropseed	1.5	0.26	

Total Guild:	75.09	7.48	86.57%	58.4%
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Legume				
Dalea candida	White Prairie Clover	0.6	0.09	
Dalea purpurea	Purple Prairie Clover	0.8	0.15	
Lespedeza capitata	Round-headed Bush Clover	0.1	0.03	

Total Guild:	1.5	0.27	1.73%	2.1%
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Sedge				
Juncus tenuis	Path Rush	1.65	0.00	

Total Guild:	1.65	0.00	1.90%	0.0%
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Total Seed Mix:	86.74	12.81		
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State Mix

Dry Prairie Southwest

Function:	Conservation	Intent:	Regional dry prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.		
Planting Area:	SW				
Specialization:					

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover					
Avena sativa	Oats* (See Cover crop note)	1.9	6.47		
Total Guild:	1.9	6.47	2.55%	43.2%	

Forb					
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Asclepias verticillata	Whorled Milkweed	0.05	0.01		
Echinacea angustifolia	Narrow-leaved Purple Conefl	0.2	0.08		
Heliopsis helianthoides	Ox-eye	0.1	0.04		
Liatris aspera	Rough Blazing Star	0.13	0.02		
Liatris punctata	Dotted Blazing Star	0.05	0.02		
Monarda fistulosa	Wild Bergamot	0.76	0.03		
Oligoneuron rigidum	Stiff Goldenrod	1	0.07		
Rudbeckia hirta	Black-eyed Susan	2.2	0.07		
Symphyotrichum ericoides	Heath Aster	0.9	0.01		
Symphyotrichum laeve	Smooth Aster	0.6	0.03		
Tradescantia bracteata	Bracted Spiderwort	0.06	0.02		
Verbena stricta	Hoary Vervain	1	0.10		
Zizia aurea	Golden Alexanders	0.85	0.21		

Total Guild:	7.9	0.70	10.59%	4.7%	
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Graminoid					
Bouteloua curtipendula	Side-oats Grama	3.08	1.40		
Bouteloua gracilis	Blue Grama	13.9	0.95		
Elymus canadensis	Canada Wild Rye	2.3	1.20		
Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		
Hesperostipa spartea	Porcupine Grass	0.19	0.76		
Koeleria macrantha	Junegrass	22	0.30		
Schizachyrium scoparium	Little Bluestem	8.24	1.50		
Sporobolus cryptandrus	Sand Dropseed	11	0.15		

Total Guild:	63.24	7.51	84.79%	50.1%	
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Legume					
Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
Dalea candida	White Prairie Clover	0.4	0.06		
Dalea purpurea	Purple Prairie Clover	0.55	0.10		
Desmodium canadense	Canada Tick Trefoil	0.09	0.04		
Lespedeza capitata	Round-headed Bush Clover	0.1	0.03		

	Total Guild:	1.54	0.30	2.06%	2.0%
	Total Seed Mix:	74.58	14.97		

Pilot

Dry Short Urban Buffer General

Function:	Buffers	Intent:	Showy dry prairie buffer establishment in urban areas		
Planting Area:	Statewide				
Specialization:	NRCS 327				

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
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	Total Guild:	11.13	37.88	19.35%	85.6%
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Forb

	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
	Pycnanthemum virginianum	Virginia Mountain Mint	1	0.01		
	Rudbeckia hirta	Black-eyed Susan	5.15	0.15		
	Solidago nemoralis	Gray Goldenrod	2	0.02		
	Solidago ptarmicoides	Upland White Aster	1.26	0.05		
	Symphotrichum ericoides	Heath Aster	2.58	0.04		
	Tradescantia bracteata	Bracted Spiderwort	0.6	0.16		
	Zizia aptera	Heart-leaved Alexanders	0.2	0.05		

	Total Guild:	14.45	0.81	25.12%	1.8%
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Graminoid

	Bouteloua curtipendula	Side-oats Grama	2	0.91		
	Bromus kalmii	Kalm's Brome	0.5	0.17		
	Koeleria macrantha	Junegrass	5.5	0.07		
	Panicum virgatum	Switchgrass	6	1.17		

Schizachyrium scoparium	Little Bluestem	16.53	3.00		
	Total Guild:	30.53	5.32	53.07%	12.0%

Legume

	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Dalea purpurea	Purple Prairie Clover	1.02	0.19		

	Total Guild:	1.42	0.25	2.47%	0.6%
	Total Seed Mix:	57.53	44.26		

State Mix

Dry Swale / Pond

Function:	Stormwater	Intent:	Temporarily flooded swales in agricultural settings.		
Planting Area:	Statewide				
Specialization:					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
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	Total Guild:	11.14	37.91	6.79%	65.3%
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Forb

	Asclepias incarnata	Marsh Milkweed	0.1	0.06		
	Heliopsis helianthoides	Ox-eye	0.2	0.09		
	Rudbeckia hirta	Black-eyed Susan	2.49	0.07		
	Verbena hastata	Blue Vervain	3.5	0.10		

	Total Guild:	6.29	0.32	3.83%	0.5%
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Graminoid

	Andropogon gerardii	Big Bluestem	5.5	1.50		
	Beckmannia syzigachne	American Slough Grass	27.6	1.50		
	Bromus ciliatus	Fringed Brome	6.05	1.65		
	Elymus canadensis	Canada Wild Rye	7.64	4.00		
	Elymus trachycaulus	Slender Wheatgrass	10.15	5.02		
	Elymus virginicus	Virginia Wild Rye	3.85	2.50		
	Panicum virgatum	Switchgrass	2.05	0.40		
	Poa palustris	Fowl Bluegrass	76.5	1.60		

	Sorghastrum nutans	Indian Grass	6.6	1.50		
		Total Guild:	145.94	19.67	88.96%	33.9%
Legume						
	Dalea purpurea	Purple Prairie Clover	0.5	0.09		
	Desmodium canadense	Canada Tick Trefoil	0.19	0.09		
		Total Guild:	0.69	0.18	0.42%	0.3%
		Total Seed Mix:	164.06	58.08		

Pilot

Early Successional Floodplain General

Function:	Wetland	Intent:	Cover establishment in floodplains where natural colonization will add to diversity over time			
Planting Area:	Statewide					
Specialization:	NRCS 342					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	23.99%	84.6%

Forb

	Asclepias incarnata	Marsh Milkweed	0.1	0.06		
	Helenium autumnale	Autumn Sneezeweed	2	0.04		
	Rudbeckia laciniata	Tall Coneflower	0.1	0.02		
	Verbena hastata	Blue Vervain	3	0.09		
		Total Guild:	5.2	0.21	11.20%	0.5%

Graminoid

	Elymus riparius	Riverbank Wild Rye	0.1	0.09		
	Elymus trachycaulus	Slender Wheatgrass	2	0.99		
	Elymus virginicus	Virginia Wild Rye	8	5.19		
	Poa palustris	Fowl Bluegrass	20	0.42		
		Total Guild:	30.1	6.69	64.81%	14.9%
		Total Seed Mix:	46.44	44.81		

State Mix

Emergent Wetland

Function:	Wetland	Intent:	Emergent wetland restoration for use in wetland mitigation, shoreline restoration, wet stormwater ponds where emergent vegetation is desired. Usually used in a 10 ft. band around open water.			
Planting Area:	Statewide					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Forb

	Acorus calamus	Sweet Flag	0.67	0.28		
	Alisma triviale	Common Water Plantain	9.7	0.40		
	Asclepias incarnata	Marsh Milkweed	0.5	0.28		
	Sagittaria latifolia	Broad-leaved Arrowhead	6.8	0.30		
	Sparganium eurycarpum	Giant Bur Reed	0.09	0.49		

		Total Guild:	17.76	1.75	15.80%	35.1%
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Graminoid

	Beckmannia syzigachne	American Slough Grass	12.92	0.70		
	Glyceria grandis	Tall Manna Grass	6.4	0.25		
	Leersia oryzoides	Rice Cut Grass	3.7	0.30		

		Total Guild:	23.02	1.25	20.49%	25.0%
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Sedge

	Bolboschoenus fluviatilis	River Bulrush	1.2	0.76		
	Carex comosa	Bristly Sedge	2	0.18		
	Carex lacustris	Lake Sedge	0.24	0.06		
	Carex stricta	Tussock Sedge	0.75	0.04		
	Eleocharis acicularis	Least Spikerush	2.5	0.10		
	Eleocharis palustris	Marsh Spikerush	1.9	0.10		
	Juncus torreyi	Torrey's Rush	25	0.04		
	Schoenoplectus pungens	Three-square Bulrush	1	0.23		
	Schoenoplectus tabernaemonta	Soft Stem Bulrush	5	0.44		
	Scirpus cyperinus	Woolgrass	32	0.05		

		Total Guild:	71.59	2.00	63.71%	40.0%
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		Total Seed Mix:	112.37	5.00		
Pilot	Eroding Bank Stabilization Northeast					
Function:	Buffers	Intent:	Stabilized steep eroding slopes with both early and later successional species.			
Planting Area:	NE					
Specialization:	NRCS 342					
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
	Total Guild:		11.14	37.91	12.54%	68.7%
Forb	Achillea millefolium	Common Yarrow	2	0.03		
	Anaphalis margaritacea	Pearly Everlasting	0.8	0.01		
	Drymocallis arguta	Tall Cinquefoil	2	0.02		
	Rudbeckia hirta	Black-eyed Susan	3	0.09		
	Solidago nemoralis	Gray Goldenrod	3.5	0.03		
	Total Guild:		11.3	0.18	12.72%	0.3%
Graminoid	Andropogon gerardii	Big Bluestem	10	2.72		
	Bromus ciliatus	Fringed Brome	8	2.18		
	Calamagrostis canadensis	Bluejoint	5	0.05		
	Elymus canadensis	Canada Wild Rye	8	4.19		
	Elymus riparius	Riverbank Wild Rye	0.2	0.19		
	Elymus trachycaulus	Slender Wheatgrass	12	5.94		
	Elymus villosus	Downy Wild Rye	2	0.99		
	Festuca subverticillata	Nodding Fescue	1.1	0.15		
	Poa palustris	Fowl Bluegrass	19	0.40		
	Schizachne purpurascens	False Melic	0.5	0.04		
	Total Guild:		65.8	16.85	74.07%	30.5%
Legume	Astragalus canadensis	Canada Milk Vetch	0.5	0.08		

Vicia americana	American Vetch	0.1	0.13		
Total Guild:		0.6	0.21	0.68%	0.4%
Total Seed Mix:		88.84	55.15		

PilotEroding Bank Stabilization Northwest & South						
Function:	Conservation		Intent: Stabilized steep eroding slopes with both early and later successional species.			
Planting Area:	NW & S					
Specialization:	NRCS 342					
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	12.58%	62.8%
Forb	Achillea millefolium	Common Yarrow	0.7	0.01		
	Rudbeckia hirta	Black-eyed Susan	2.49	0.07		
	Verbena hastata	Blue Vervain	1.9	0.06		
		Total Guild:	5.09	0.14	5.75%	0.2%
Graminoid	Andropogon gerardii	Big Bluestem	10	2.72		
	Bromus ciliatus	Fringed Brome	8	2.18		
	Elymus canadensis	Canada Wild Rye	8	4.19		
	Elymus riparius	Riverbank Wild Rye	0.175	0.16		
	Elymus trachycaulus	Slender Wheatgrass	12	5.94		
	Elymus virginicus	Virginia Wild Rye	6	3.89		
	Panicum virgatum	Switchgrass	4	0.78		
	Poa palustris	Fowl Bluegrass	16	0.34		
	Sorghastrum nutans	Indian Grass	7	1.59		
		Total Guild:	71.175	21.78	80.38%	36.1%
Legume	Astragalus canadensis	Canada Milk Vetch	0.2	0.03		
	Chamaecrista fasciculata	Partridge Pea	0.2	0.20		

Dalea purpurea	Purple Prairie Clover	0.5	0.09		
Desmodium canadense	Canada Tick Trefoil	0.19	0.09		
Vicia americana	American Vetch	0.051	0.07		
Total Guild:		1.141	0.49	1.29%	0.8%
Total Seed Mix:		88.546	60.32		

Pilot

Forest Groundcover East

Function:	Woodland	Intent:	Soil stabilizing in forests following invasive species removal and other disturbance			
Planting Area:	NE & E					
Specialization:						

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:		11.14	37.91	66.43%	96.4%

Forb

Eurybia macrophylla	Large-leaved Aster	0.2	0.02		
Geranium maculatum	Wild Geranium	0.1	0.05		
Hydrophyllum virginianum	Virginia Waterleaf	0.1	0.10		
Osmorhiza claytonii	Clayton's Sweet Cicely	0.1	0.11		
Rudbeckia laciniata	Tall Coneflower	0.22	0.04		
Smilacina racemosa	False Solomons Seal	0.01	0.07		
Solidago flexicaulis	Zigzag Goldenrod	1.3	0.04		
Total Guild:		2.03	0.43	12.10%	1.1%

Graminoid

Elymus hystrix	Bottlebrush Grass	0.5	0.18		
Elymus villosus	Downy Wild Rye	1	0.50		
Festuca subverticillata	Nodding Fescue	1.8	0.25		
Total Guild:		3.3	0.92	19.68%	2.3%

Sedge

Carex sprengeii	Sprengel's Sedge	0.3	0.08		
Total Guild:		0.3	0.08	1.79%	0.2%

Total Seed Mix:	16.77	39.35
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Pilot

High Diversity Native & Non-Native Honey Bee Plot

Function:	Pollinator	Intent:	Native and Non-native vegetation establishment for honey bee plantings up to a few acres in size. This mix contains non-native plant species, so BWSR approval is required for use on BWSR funded projects.			
Planting Area:	Statewide					
Specialization:	NRCS 327					

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Forb

Agastache foeniculum	Blue Giant Hyssop	0.4	0.01		
Asclepias syriaca	Common Milkweed	0.2	0.14		
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
Asclepias verticillata	Whorled Milkweed	0.15	0.04		
Astragalus crassicaarpus	Ground Plum	0.1	0.05		
Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
Monarda fistulosa	Wild Bergamot	3	0.12		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
Pycnanthemum virginianum	Virginia Mountain Mint	1	0.01		
Solidago canadensis	Canada Goldenrod	0.8	0.01		
Solidago speciosa	Showy Goldenrod	1	0.03		
Symphyotrichum ericoides	Heath Aster	1.8	0.02		
Symphyotrichum laeve	Smooth Aster	1.2	0.06		
Viola pedatifida	Bearded Birdfoot Violet	0.2	0.02		
Zizia aurea	Golden Alexanders	0.5	0.12		

Total Guild:	11.22	0.86	31.11%	16.2%
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Graminoid

Bouteloua curtipendula	Side-oats Grama	1	0.45		
Elymus canadensis	Canada Wild Rye	0.6	0.31		
Schizachyrium scoparium	Little Bluestem	3	0.54		
Sorghastrum nutans	Indian Grass	0.5	0.11		

	Sporobolus heterolepis	Prairie Dropseed	1	0.17		
		Total Guild:	6.1	1.60	16.91%	30.0%
Legume						
	Chamaecrista fasciculata	Partridge Pea	0.7	0.71		
	Dalea candida	White Prairie Clover	2	0.29		
	Dalea purpurea	Purple Prairie Clover	3	0.54		
	Medicago sativa	Alfalfa	3	0.58		
	Trifolium hybridum	Alsike Clover	4	0.26		
	Trifolium repens	White Clover	4	0.24		
	Vicia americana	American Vetch	0.05	0.07		
		Total Guild:	16.75	2.68	46.44%	50.3%
Sedge						
	Carex brevior	Short Sedge	2	0.19		
		Total Guild:	2	0.19	5.54%	3.5%
		Total Seed Mix:	36.07	5.32		

Pilot

Impoundment General

Function:	Stormwater	Intent:	Flood tolerant vegetation establishment in floodwater impoundment areas			
Planting Area:	Statewide					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	7.48%	74.7%
Forb						
	Anemone canadensis	Canada Anemone	0.16	0.05		
	Asclepias incarnata	Marsh Milkweed	0.18	0.10		
	Bidens frondosa	Leafy Beggarticks	0.15	0.08		
	Doellingeria umbellata	Flat-topped Aster	1.25	0.05		
	Euthamia graminifolia	Grass-leaved Goldenrod	1.65	0.01		
	Eutrochium maculatum	Spotted Joe Pye Weed	1.5	0.04		

	Helenium autumnale	Autumn Sneezeweed	4.8	0.10		
	Physostegia virginiana	Obedient Plant	0.1	0.02		
	Rudbeckia laciniata	Tall Coneflower	0.3	0.06		
	Solidago gigantea	Giant Goldenrod	2.8	0.03		
	Symphyotrichum novae-angliae	New England Aster	1.45	0.06		
	Verbena hastata	Blue Vervain	4.45	0.13		
	Zizia aurea	Golden Alexanders	0.62	0.15		
		Total Guild:	19.41	0.90	13.03%	1.8%
Graminoid						
	Andropogon gerardii	Big Bluestem	7.35	2.00		
	Bromus ciliatus	Fringed Brome	8	2.18		
	Elymus trachycaulus	Slender Wheatgrass	5	2.48		
	Elymus virginicus	Virginia Wild Rye	4	2.59		
	Leersia oryzoides	Rice Cut Grass	1.5	0.12		
	Panicum virgatum	Switchgrass	8	1.56		
	Poa palustris	Fowl Bluegrass	10	0.21		
	Spartina pectinata	Prairie Cordgrass	1	0.41		
		Total Guild:	44.85	11.54	30.11%	22.8%
Sedge						
	Carex pellita	Wooly Sedge	0.34	0.03		
	Carex scoparia	Lance-fruited Oval sedge	2.5	0.08		
	Scirpus atrovirens	Dark Green Bulrush	31.7	0.19		
	Scirpus cyperinus	Woolgrass	39	0.06		
		Total Guild:	73.54	0.36	49.38%	0.7%
		Total Seed Mix:	148.94	50.72		

Pilot

Inundated Swale South & West

Function:

Stormwater

Planting Area:

S & W

Intent:

Vegetation establishment for swales with persistent inundation

Specialization:

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	7.83%	79.1%

Forb	Asclepias incarnata	Marsh Milkweed	0.43	0.24		
	Helenium autumnale	Autumn Sneezeweed	1	0.02		
	Impatiens capensis	Spotted Touch-Me-Not	0.03	0.02		
	Lobelia siphilitica	Great Lobelia	4	0.02		
	Verbena hastata	Blue Vervain	5	0.15		
	Vernonia fasciculata	Bunched Ironweed	0.5	0.06		
Total Guild:			10.96	0.51	7.70%	1.1%

Graminoid	Beckmannia syzigachne	American Slough Grass	30	1.63		
	Elymus virginicus	Virginia Wild Rye	10	6.48		
	Glyceria grandis	Tall Manna Grass	4	0.16		
	Leersia oryzoides	Rice Cut Grass	2.2	0.18		
	Poa palustris	Fowl Bluegrass	40	0.84		
Total Guild:			86.2	9.29	60.58%	19.4%

Sedge	Scirpus atrovirens	Dark Green Bulrush	34	0.20		
Total Guild:			34	0.20	23.89%	0.4%

Total Seed Mix:			142.3	47.91		
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Pilot

Landfill Pollinator Dry Northeast

Function:

Pollinator

Planting Area:

NE

Intent:

Dry prairie mix for landfill plantings

Specialization:

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:			11.13	37.88	12.95%	80.2%

Forb	Agastache foeniculum	Blue Giant Hyssop	2.07	0.06		
	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
	Monarda fistulosa	Wild Bergamot	1.42	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
	Penstemon grandiflorus	Large-flowered Beard Tongue	1	0.19		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago nemoralis	Gray Goldenrod	3.86	0.04		
	Symphyotrichum ericoides	Heath Aster	2.58	0.04		
	Symphyotrichum laeve	Smooth Aster	1.26	0.06		
	Verbena stricta	Hoary Vervain	2	0.19		
	Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
Total Guild:			25.67	1.14	29.86%	2.4%

Graminoid	Andropogon gerardii	Big Bluestem	2.57	0.70		
	Bromus kalmii	Kalm's Brome	6	2.04		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Koeleria macrantha	Junegrass	16	0.22		
	Schizachyrium scoparium	Little Bluestem	18	3.27		
	Sorghastrum nutans	Indian Grass	2.8	0.64		
Total Guild:			47.28	7.86	55.00%	16.7%

Legume						
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	Dalea candida	White Prairie Clover	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.5	0.27		
		Total Guild:	1.89	0.33	2.20%	0.7%
		Total Seed Mix:	85.97	47.20		

Pilot

Landfill Pollinator Dry South & West

Function:

Pollinator

Intent:

Dry prairie mix for landfill plantings

Planting Area:

S & W

Specialization:

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
		Total Guild:	11.13	37.88	12.05%	78.9%

Forb	Agastache foeniculum	Blue Giant Hyssop	2.07	0.06		
	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Asclepias verticillata	Whorled Milkweed	0.1	0.02		
	Coreopsis palmata	Bird's Foot Coreopsis	0.21	0.06		
	Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Monarda fistulosa	Wild Bergamot	1.42	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
	Penstemon grandiflorus	Large-flowered Beard Tongue	1	0.19		
	Phlox pilosa	Prairie Phlox	0.08	0.01		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago nemoralis	Gray Goldenrod	3.86	0.04		
	Symphyotrichum ericoides	Heath Aster	2.58	0.04		
	Symphyotrichum laeve	Smooth Aster	1.26	0.06		
	Verbena stricta	Hoary Vervain	2	0.19		
	Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		

		Total Guild:	26.31	1.27	28.49%	2.7%
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Graminoid

	Andropogon gerardii	Big Bluestem	2.57	0.70		
	Bouteloua curtipendula	Side-oats Grama	4	1.82		
	Bouteloua gracilis	Blue Grama	6	0.41		
	Bromus kalmii	Kalm's Brome	1	0.34		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Koeleria macrantha	Junegrass	16	0.22		
	Schizachyrium scoparium	Little Bluestem	18	3.27		
	Sorghastrum nutans	Indian Grass	2.8	0.64		
	Sporobolus heterolepis	Prairie Dropseed	0.73	0.12		

		Total Guild:	53.01	8.51	57.41%	17.7%
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Legume

	Dalea candida	White Prairie Clover	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.5	0.27		

		Total Guild:	1.89	0.33	2.05%	0.7%
		Total Seed Mix:	92.34	47.99		

Pilot

Landfill Pollinator Mesic Northeast

Function:

Pollinator

Intent:

Mesic prairie mix for landfill plantings

Planting Area:

NE

Specialization:

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	13.52%	73.7%

Forb	Agastache foeniculum	Blue Giant Hyssop	1.82	0.06		
	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Asclepias tuberosa	Butterfly Milkweed	0.06	0.04		
	Geranium maculatum	Wild Geranium	0.02	0.01		

Helianthus pauciflorus	Stiff Sunflower	0.09	0.06
Heliopsis helianthoides	Ox-eye	0.4	0.17
Monarda fistulosa	Wild Bergamot	1.61	0.06
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06
Rudbeckia hirta	Black-eyed Susan	10.56	0.31
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Symphyotrichum ericoides	Heath Aster	2.3	0.03
Symphyotrichum laeve	Smooth Aster	1.26	0.06
Verbena hastata	Blue Vervain	1.5	0.04
Verbena stricta	Hoary Vervain	0.64	0.06
Zizia aurea	Golden Alexanders	0.23	0.06

Total Guild:	21.76	1.15	26.42%	2.2%
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Graminoid

Andropogon gerardii	Big Bluestem	5	1.36
Bromus kalmii	Kalm's Brome	8	2.72
Elymus canadensis	Canada Wild Rye	2	1.05
Elymus trachycaulus	Slender Wheatgrass	2	0.99
Panicum virgatum	Switchgrass	10	1.94
Schizachyrium scoparium	Little Bluestem	16	2.90
Sorghastrum nutans	Indian Grass	5	1.13

Total Guild:	48	12.10	58.27%	23.5%
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Legume

Dalea candida	White Prairie Clover	0.44	0.06
Dalea purpurea	Purple Prairie Clover	1.03	0.19

Total Guild:	1.47	0.25	1.78%	0.5%
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Total Seed Mix:	82.37	51.42
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PilotLandfill Pollinator Mesic South & West

Function:	Pollinator	Intent:	Mesic prairie mix for landfill plantings
Planting Area:	S & W		

Specialization:

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

Avena sativa	Oats* (See Cover crop note)	11.14	37.91
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Total Guild:	11.14	37.91	13.01%	71.8%
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Forb

Agastache foeniculum	Blue Giant Hyssop	1.82	0.06
Asclepias syriaca	Common Milkweed	0.16	0.11
Asclepias tuberosa	Butterfly Milkweed	0.06	0.04
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06
Heliopsis helianthoides	Ox-eye	0.4	0.17
Liatris aspera	Rough Blazing Star	0.18	0.03
Monarda fistulosa	Wild Bergamot	1.61	0.06
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06
Phlox pilosa	Prairie Phlox	0.08	0.01
Rudbeckia hirta	Black-eyed Susan	10.56	0.31
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Symphyotrichum ericoides	Heath Aster	2.3	0.03
Symphyotrichum laeve	Smooth Aster	1.26	0.06
Verbena hastata	Blue Vervain	1.5	0.04
Verbena stricta	Hoary Vervain	0.64	0.06
Zizia aurea	Golden Alexanders	0.23	0.06

Total Guild:	22	1.18	25.70%	2.2%
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Graminoid

Andropogon gerardii	Big Bluestem	5	1.36
Bouteloua curtipendula	Side-oats Grama	3	1.36
Bromus kalmii	Kalm's Brome	8	2.72

Elymus canadensis	Canada Wild Rye	2	1.05		
Elymus trachycaulus	Slender Wheatgrass	2	0.99		
Panicum virgatum	Switchgrass	10	1.94		
Schizachyrium scoparium	Little Bluestem	16	2.90		
Sorghastrum nutans	Indian Grass	5	1.13		
Total Guild:		51	13.47	59.57%	25.5%
Legume					
Dalea candida	White Prairie Clover	0.44	0.06		
Dalea purpurea	Purple Prairie Clover	1.03	0.19		
Total Guild:		1.47	0.25	1.72%	0.5%
Total Seed Mix:		85.61	52.81		

Pilot	Little Bluestem Urban Prairie		
Function:	Conservation	Intent:	Little bluestem dry prairie for urban areas where the planting mix needs to be simple for aesthetic purposes and to decrease maintenance
Planting Area:	Statewide		
Specialization:			

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:			11.13	37.88	16.57%	84.4%

Forb	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Asclepias verticillata	Whorled Milkweed	0.05	0.01		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago nemoralis	Gray Goldenrod	2	0.02		
	Solidago ptarmicoides	Upland White Aster	1.26	0.05		
	Symphotrichum ericoides	Heath Aster	2.58	0.04		
	Symphotrichum laeve	Smooth Aster	0.8	0.04		

	Tradescantia bracteata	Bracted Spiderwort	0.6	0.16		
	Verbena stricta	Hoary Vervain	1.2	0.12		
	Zizia aptera	Heart-leaved Alexanders	0.2	0.05		
Total Guild:			19.68	0.96	29.30%	2.1%
Graminoid						
	Bouteloua curtipendula	Side-oats Grama	2	0.91		
	Bouteloua gracilis	Blue Grama	6	0.41		
	Bromus kalmii	Kalm's Brome	4	1.36		
	Koeleria macrantha	Junegrass	6	0.08		
	Schizachyrium scoparium	Little Bluestem	16.53	3.00		
Total Guild:			34.53	5.76	51.41%	12.8%

Legume	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Dalea candida	White Prairie Clover	0.4	0.06		
	Dalea purpurea	Purple Prairie Clover	1.02	0.19		
Total Guild:			1.82	0.31	2.71%	0.7%
Total Seed Mix:			67.16	44.90		

Pilot	Low Diversity Buffer General				
Function:	Buffers	Intent: Low diversity native grass buffer mix for chemicals may impact pollinators			
Planting Area:	Statewide				
Specialization:	NRCS 393				

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Graminoid	Andropogon gerardii	Big Bluestem	18	4.90		
	Elymus canadensis	Canada Wild Rye	3	1.57		
	Panicum virgatum	Switchgrass	16	3.11		
	Sorghastrum nutans	Indian Grass	18	4.08		
Total Guild:			55	13.67	#####	100.0%

		Total Seed Mix:	55	13.67		
Pilot	Low Growing Solar Array Mix Northeast					
Function:	Pollinator	Intent:	Low growing native vegetation establishment for under solar panels in Northeastern MN			
Planting Area:	NE					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:			11.13	37.88	19.27%	88.4%
Forb	Achillea millefolium	Common Yarrow	0.66	0.01		
	Allium stellatum	Prairie Wild Onion	0.73	0.18		
	Anemone canadesis	Canada Anemone	0.18	0.06		
	Aquilegia canadensis	Columbine	0.44	0.03		
	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Euthamia graminifolia	Grass-leaved Goldenrod	1.4	0.01		
	Galium boreale	Northern Bedstraw	0.28	0.01		
	Geranium maculatum	Wild Geranium	0.02	0.01		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.5	0.10		
	Potentilla arguta	Prairie Cinquefoil	0.1	0.00		
	Pycnanthemum virginianum	Virginia Mountain Mint	0.82	0.01		
	Rudbeckia hirta	Black-eyed Susan	1.58	0.05		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.52	0.03		
	Smilacina racemosa	False Solomons Seal	0.01	0.07		
	Solidago nemoralis	Gray Goldenrod	1.2	0.01		
	Solidago ptarmicoides	Upland White Aster	1	0.04		
	Symphyotrichum ericoides	Heath Aster	0.8	0.01		
	Symphyotrichum laeve	Smooth Aster	0.63	0.03		

	Symphyotrichum lateriflorum	Calico Aster	1	0.01		
	Zizia aptera	Heart-leaved Alexanders	0.55	0.12		
Total Guild:			12.77	0.91	22.11%	2.1%
Graminoid	Bromus kalmii	Kalm's Brome	3	1.02		
	Danthonia spicata	Poverty Grass	6	0.65		
	Festuca rubra	Red Fescue	12	1.42		
	Koeleria macrantha	Junegrass	4.59	0.06		
Total Guild:			25.59	3.16	44.30%	7.4%
Legume	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Dalea candida	White Prairie Clover	1.7	0.24		
	Dalea purpurea	Purple Prairie Clover	1.02	0.19		
Total Guild:			3.12	0.49	5.40%	1.1%
Sedge	Carex bicknellii	Bicknell's Sedge	0.95	0.15		
	Carex brevior	Short Sedge	2.1	0.20		
	Carex scoparia	Lance-fruited Oval sedge	2.1	0.07		
Total Guild:			5.15	0.42	8.92%	1.0%
Total Seed Mix:			57.76	42.85		

Pilot							Low Growing Solar Array Mix South & West				
Function:		Pollinator		Intent:		Low growing native vegetation establishment for under solar panels in south and west MN					
Planting Area:		S & W									
Specialization:											
Scientific Name		Common Name		Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)				
Cover											
Avena sativa		Oats* (See Cover crop note)		6	20.42						
Total Guild:				6	20.42	12.85%	77.9%				
Forb											
Achillea millefolium		Common Yarrow		0.41	0.01						

Allium stellatum	Prairie Wild Onion	0.51	0.13		
Anemone canadensis	Canada Anemone	0.18	0.06		
Anemone cylindrica	Long-headed Thimbleweed	0.6	0.06		
Asclepias syriaca	Common Milkweed	0.46	0.31		
Asclepias verticillata	Whorled Milkweed	0.32	0.08		
Astragalus crassicaulus	Ground Plum	0.36	0.19		
Echinacea angustifolia	Narrow-leaved Purple Coneflower	0.64	0.25		
Euthamia graminifolia	Grass-leaved Goldenrod	0.8	0.01		
Galium boreale	Northern Bedstraw	0.4	0.02		
Liatris aspera	Rough Blazing Star	0.28	0.05		
Lobelia spicata	Rough-spiked Lobelia	1.03	0.00		
Monarda fistulosa	Wild Bergamot	0.8	0.03		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.48	0.09		
Phlox pilosa	Prairie Phlox	0.11	0.02		
Potentilla arguta	Prairie Cinquefoil	0.53	0.01		
Pycnanthemum virginianum	Virginia Mountain Mint	0.76	0.01		
Ratibida columnifera	Prairie Coneflower	0.96	0.06		
Rudbeckia hirta	Black-eyed Susan	1.58	0.05		
Sisyrinchium campestre	Field Blue-eyed Grass	0.52	0.03		
Solidago rigida	Stiff Goldenrod	0.47	0.03		
Solidago speciosa	Showy Goldenrod	0.55	0.02		
Symphotrichum ericoides	Heath Aster	0.46	0.01		
Symphotrichum laeve	Smooth Aster	0.63	0.03		
Zizia aurea	Heart-leaved Alexanders	0.55	0.12		
Total Guild:		14.39	1.66	30.83%	6.3%
Graminoid					
Bouteloua curtipendula	Side-oats Grama	3.31	1.50		
Bouteloua gracilis	Blue Grama	4.59	0.31		
Koeleria macrantha	Junegrass	4.59	0.06		
Schizachyrium scoparium	Little Bluestem	4.13	0.75		

Sporobolus heterolepis	Prairie Dropseed	2.94	0.50		
Total Guild:		19.56	3.13	41.90%	11.9%
Legume					
Astragalus canadensis	Canada Milk Vetch	0.78	0.12		
Dalea candida	White Prairie Clover	1.74	0.25		
Dalea purpurea	Purple Prairie Clover	2.07	0.38		
Total Guild:		4.59	0.75	9.83%	2.9%
Sedge					
Carex bicknellii	Bicknell's Sedge	0.78	0.12		
Carex brevior	Short Sedge	0.67	0.06		
Carex pensylvanica	Pennsylvania Sedge	0.69	0.06		
Total Guild:		2.14	0.25	4.58%	1.0%
Total Seed Mix:		46.68	26.21		

Pilot

Low Growing Solar Array Moist Soils South and West

Function:	Pollinator	Intent:	Low growing native vegetation establishment for under solar panels in south and west MN			
Planting Area:	S & W					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
		Total Guild:	11.13	37.88	10.11%	93.3%
Forb	Allium stellatum	Prairie Wild Onion	0.73	0.18		
	Anemone canadensis	Canada Anemone	0.18	0.06		
	Asclepias incarnata	Marsh Milkweed	0.43	0.24		
	Euthamia graminifolia	Grass-leaved Goldenrod	1.4	0.01		
	Galium boreale	Northern Bedstraw	0.26	0.01		
	Lobelia siphilitica	Great Lobelia	2.9	0.02		
	Phlox pilosa	Prairie Phlox	0.08	0.01		
	Potentilla arguta	Prairie Cinquefoil	0.1	0.00		

	Pycnanthemum virginianum	Virginia Mountain Mint	0.85	0.01		
	Ratibida columnifera	Prairie Coneflower	1.58	0.10		
	Rudbeckia hirta	Black-eyed Susan	1.58	0.05		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.52	0.03		
	Symphotrichum laeve	Smooth Aster	0.63	0.03		
	Symphotrichum puniceum	Red-stemmed Aster	5	0.17		
	Zizia aurea	Golden Alexanders	1	0.25		
Total Guild:			17.24	1.18	15.66%	2.9%
Graminoid						
	Calamagrostis canadensis	Bluejoint	5	0.05		
	Glyceria striata	Fowl Manna Grass	3.3	0.10		
	Leersia oryzoides	Rice Cut Grass	3.1	0.25		
	Poa palustris	Fowl Bluegrass	20	0.42		
Total Guild:			31.4	0.82	28.53%	2.0%
Legume						
	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Dalea candida	White Prairie Clover	1.7	0.24		
Total Guild:			2.1	0.31	1.91%	0.8%
Sedge						
	Carex scoparia	Lance-fruited Oval sedge	2.1	0.07		
	Carex stipata	Common Fox Sedge	2.1	0.17		
	Carex vulpinoidea	Brown Fox Sedge	4	0.11		
	Scirpus cyperinus	Woolgrass	40	0.06		
Total Guild:			48.2	0.41	43.79%	1.0%
Total Seed Mix:			110.07	40.58		

State Mix	Mesic Prairie General				
Function:	Conservation	Intent:	General mesic prairie mix for native roadsides, ecological restoration, or conservation program plantings.		
Planting Area:	Statewide				
Specialization:					
Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)

Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	15.80%	76.3%
Forb						
	Agastache foeniculum	Blue Giant Hyssop	1.82	0.06		
	Amorpha canescens	Lead Plant	0.25	0.04		
	Asclepias syriaca	Common Milkweed	0.06	0.04		
	Asclepias tuberosa	Butterfly Milkweed	0.06	0.04		
	Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
	Heliopsis helianthoides	Ox-eye	0.29	0.13		
	Liatris aspera	Rough Blazing Star	0.18	0.03		
	Liatris pycnostachya	Great Blazing Star	0.13	0.03		
	Monarda fistulosa	Wild Bergamot	1.61	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		
	Rudbeckia hirta	Black-eyed Susan	10.56	0.31		
	Symphotrichum ericoides	Heath Aster	2.3	0.03		
	Symphotrichum laeve	Smooth Aster	1.26	0.06		
	Verbena hastata	Blue Vervain	1.5	0.04		
	Verbena stricta	Hoary Vervain	0.64	0.06		
	Zizia aurea	Golden Alexanders	0.23	0.06		
Total Guild:			21.92	1.12	31.09%	2.3%
Graminoid						
	Andropogon gerardii	Big Bluestem	7.35	2.00		
	Bouteloua curtipendula	Side-oats Grama	3.53	1.60		
	Bromus kalmii	Kalm's Brome	1.47	0.50		
	Elymus canadensis	Canada Wild Rye	2.23	1.17		
	Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		
	Panicum virgatum	Switchgrass	0.32	0.06		
	Schizachyrium scoparium	Little Bluestem	8.82	1.60		
	Sorghastrum nutans	Indian Grass	8.82	2.00		

	Sporobolus heterolepis	Prairie Dropseed	0.39	0.07		
		Total Guild:	35.46	10.25	50.29%	20.6%
Legume	Astragalus canadensis	Canada Milk Vetch	0.39	0.06		
	Dalea candida	White Prairie Clover	0.44	0.06		
	Dalea purpurea	Purple Prairie Clover	1.03	0.19		
	Desmodium canadense	Canada Tick Trefoil	0.13	0.06		
		Total Guild:	1.99	0.38	2.82%	0.8%
		Total Seed Mix:	70.51	49.66		

State Mix

Mesic Prairie Northwest

Function:	Conservation	Intent:	Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.			
Planting Area:	NW					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	1.12	3.81		
		Total Guild:	1.12	3.81	2.71%	30.3%

Forb	Allium stellatum	Prairie Wild Onion	0.12	0.03		
	Heliopsis helianthoides	Ox-eye	0.14	0.06		
	Liatris aspera	Rough Blazing Star	0.18	0.03		
	Liatris pycnostachya	Great Blazing Star	0.24	0.06		
	Monarda fistulosa	Wild Bergamot	0.77	0.03		
	Oligoneuron rigidum	Stiff Goldenrod	0.45	0.03		
	Pycnanthemum virginianum	Virginia Mountain Mint	3	0.04		
	Ratibida columnifera	Prairie Coneflower	0.93	0.06		
	Rudbeckia hirta	Black-eyed Susan	2.2	0.07		
	Symphyotrichum ericoides	Heath Aster	1.1	0.01		
	Symphyotrichum laeve	Smooth Aster	0.61	0.03		

	Verbena hastata	Blue Vervain	2.91	0.09		
	Zizia aurea	Golden Alexanders	0.7	0.17		
		Total Guild:	13.35	0.71	32.35%	5.6%
Graminoid	Andropogon gerardii	Big Bluestem	3.67	1.00		
	Bouteloua curtipendula	Side-oats Grama	2.64	1.20		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Elymus trachycaulus	Slender Wheatgrass	2.54	1.26		
	Hesperostipa spartea	Porcupine Grass	0.11	0.44		
	Panicum virgatum	Switchgrass	0.9	0.18		
	Schizachyrium scoparium	Little Bluestem	8.28	1.50		
	Sorghastrum nutans	Indian Grass	5.29	1.20		
		Total Guild:	25.34	7.77	61.40%	61.8%
Legume	Astragalus canadensis	Canada Milk Vetch	0.37	0.06		
	Dalea candida	White Prairie Clover	0.42	0.06		
	Dalea purpurea	Purple Prairie Clover	0.5	0.09		
	Desmodium canadense	Canada Tick Trefoil	0.17	0.08		
		Total Guild:	1.46	0.29	3.54%	2.3%
		Total Seed Mix:	41.27	12.58		

State Mix

Mesic Prairie Southeast

Function:	Conservation	Intent:	Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.			
Planting Area:	SE					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	1.2	4.08		
		Total Guild:	1.2	4.08	3.13%	30.0%

Forb	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		

Asclepias verticillata	Whorled Milkweed	0.05	0.01		
Heliopsis helianthoides	Ox-eye	0.12	0.05		
Liatris aspera	Rough Blazing Star	0.15	0.03		
Liatris pycnostachya	Great Blazing Star	0.14	0.03		
Monarda fistulosa	Wild Bergamot	0.18	0.01		
Oligoneuron rigidum	Stiff Goldenrod	0.31	0.02		
Ratibida pinnata	Gray-headed Coneflower	0.2	0.02		
Rudbeckia hirta	Black-eyed Susan	1.54	0.05		
Symphyotrichum ericoides	Heath Aster	0.4	0.01		
Symphyotrichum laeve	Smooth Aster	1	0.05		
Tradescantia bracteata	Bracted Spiderwort	0.15	0.04		
Verbena hastata	Blue Vervain	1.5	0.04		
Verbena stricta	Hoary Vervain	1.05	0.10		
Zizia aurea	Golden Alexanders	0.29	0.07		
Total Guild:		7.18	0.59	18.72%	4.4%

Graminoid

Andropogon gerardii	Big Bluestem	3.3	0.90		
Bouteloua curtipendula	Side-oats Grama	3.01	1.37		
Elymus canadensis	Canada Wild Rye	2.01	1.05		
Elymus trachycaulus	Slender Wheatgrass	2.28	1.13		
Panicum virgatum	Switchgrass	1.1	0.21		
Schizachyrium scoparium	Little Bluestem	7	1.27		
Sorghastrum nutans	Indian Grass	8.82	2.00		
Total Guild:		27.52	7.93	71.74%	58.2%

Legume

Astragalus canadensis	Canada Milk Vetch	1	0.16		
Chamaecrista fasciculata	Partridge Pea	0.6	0.61		
Dalea candida	White Prairie Clover	0.06	0.01		
Dalea purpurea	Purple Prairie Clover	0.5	0.09		
Desmodium canadense	Canada Tick Trefoil	0.3	0.15		

Total Guild:	2.46	1.01	6.41%	7.4%
Total Seed Mix:	38.36	13.62		

State Mix

Mesic Prairie Southwest

Function:	Conservation	Intent:	Regional mesic prairie reconstruction for wetland mitigation, ecological restoration, or conservation program plantings.		
Planting Area:	SW				
Specialization:					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	1.42	4.83		
Total Guild:			1.42	4.83	3.55%	34.9%

Forb

Echinacea angustifolia	Narrow-leaved Purple Conefl	0.2	0.08
Heliopsis helianthoides	Ox-eye	0.14	0.06
Liatris aspera	Rough Blazing Star	0.2	0.03
Liatris pycnostachya	Great Blazing Star	0.1	0.02
Monarda fistulosa	Wild Bergamot	0.9	0.04
Oligoneuron rigidum	Stiff Goldenrod	0.5	0.03
Ratibida pinnata	Gray-headed Coneflower	0.8	0.07
Rudbeckia hirta	Black-eyed Susan	2	0.06
Symphyotrichum laeve	Smooth Aster	0.6	0.03
Verbena hastata	Blue Vervain	2.5	0.07
Verbena stricta	Hoary Vervain	0.5	0.05
Zizia aurea	Golden Alexanders	1	0.25

Graminoid

Andropogon gerardii	Big Bluestem	3.3	0.90		
Bouteloua curtipendula	Side-oats Grama	1.98	0.90		
Elymus canadensis	Canada Wild Rye	1.71	0.90		
Elymus trachycaulus	Slender Wheatgrass	2.27	1.12		

	Nassella viridula	Green Needle Grass	1.7	0.44		
	Panicum virgatum	Switchgrass	0.8	0.16		
	Pascopyrum smithii	Western Wheatgrass	1.3	0.50		
	Schizachyrium scoparium	Little Bluestem	8.27	1.50		
	Sorghastrum nutans	Indian Grass	6.63	1.50		
	Total Guild:		27.96	7.91	69.85%	57.1%
Legume	Astragalus canadensis	Canada Milk Vetch	0.4	0.06		
	Chamaecrista fasciculata	Partridge Pea	0.1	0.10		
	Dalea candida	White Prairie Clover	0.2	0.03		
	Dalea purpurea	Purple Prairie Clover	0.4	0.07		
	Desmodium canadense	Canada Tick Trefoil	0.11	0.05		
	Total Guild:		1.21	0.32	3.02%	2.3%
	Total Seed Mix:		40.03	13.86		

Pilot

Mesic Short Urban Buffer Northeast

Function:	Buffers	Intent:	Stabilized steep eroding slopes with both early and later successional species.			
Planting Area:	NE					
Specialization:	NRCS 327					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	16.48%	83.0%

Forb

	Achillea millefolium	Common Yarrow	1	0.02		
	Anaphalis margaritacea	Pearly Everlasting	0.8	0.01		
	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Asclepias tuberosa	Butterfly Milkweed	0.071	0.04		
	Geranium maculatum	Wild Geranium	0.02	0.01		
	Helianthus pauciflorus	Stiff Sunflower	0.07	0.05		

	Pycnanthemum virginianum	Virginia Mountain Mint	0.9	0.01		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Smilacina racemosa	False Solomons Seal	0.01	0.07		
	Solidago nemoralis	Gray Goldenrod	3.5	0.03		
	Symphotrichum ericoides	Heath Aster	2	0.03		
	Symphotrichum laeve	Smooth Aster	1.26	0.06		
	Verbena stricta	Hoary Vervain	1.29	0.13		
	Zizia aurea	Golden Alexanders	0.8	0.20		

	Total Guild:		22.201	1.07	32.87%	2.3%
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Graminoid

	Bouteloua curtipendula	Side-oats Grama	3.4	1.54		
	Bouteloua gracilis	Blue Grama	8	0.54		
	Bromus kalmii	Kalm's Brome	2	0.68		
	Elymus riparius	Riverbank Wild Rye	0.22	0.21		
	Schizachyrium scoparium	Little Bluestem	18	3.27		
	Sporobolus heterolepis	Prairie Dropseed	1.1	0.19		

	Total Guild:		32.72	6.43	48.44%	14.1%
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Legume

	Dalea candida	White Prairie Clover	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.1	0.20		

	Total Guild:		1.49	0.26	2.21%	0.6%
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	Total Seed Mix:		67.541	45.63		
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Pilot

Mesic Short Urban Buffer South & West

Function:	Buffers	Intent:	Showy prairie buffer establishment in urban areas			
Planting Area:	S & W					
Specialization:	NRCS 327					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	16.91%	82.4%

Forb	Achillea millefolium	Common Yarrow	1	0.02		
	Asclepias tuberosa	Butterfly Milkweed	0.071	0.04		
	Asclepias verticillata	Whorled Milkweed	0.1	0.02		
	Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
	Helianthus pauciflorus	Stiff Sunflower	0.07	0.05		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Phlox pilosa	Prairie Phlox	0.08	0.01		
	Rudbeckia hirta	Black-eyed Susan	9	0.27		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Solidago speciosa	Showy Goldenrod	2	0.06		
	Symphyotrichum ericoides	Heath Aster	2	0.03		
	Symphyotrichum laeve	Smooth Aster	1.26	0.06		
	Tradescantia ohiensis	Ohio Spiderwort	0.1	0.03		
	Verbena stricta	Hoary Vervain	1.29	0.13		
	Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
	Zizia aurea	Golden Alexanders	0.8	0.20		
Total Guild:			18.481	1.02	28.08%	2.2%
Graminoid						
	Bouteloua curtipendula	Side-oats Grama	3.4	1.54		
	Bouteloua gracilis	Blue Grama	8	0.54		
	Bromus kalmii	Kalm's Brome	2	0.68		
	Elymus riparius	Riverbank Wild Rye	0.22	0.21		
	Schizachyrium scoparium	Little Bluestem	20	3.63		
	Sporobolus heterolepis	Prairie Dropseed	1.1	0.19		
Total Guild:			34.72	6.79	52.75%	14.8%
Legume						
	Dalea candida	White Prairie Clover	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.1	0.20		
Total Guild:			1.49	0.26	2.26%	0.6%

		Total Seed Mix:	65.821	45.95		
Pilot	Mid Diversity Mesic to Dry Buffer South & West					
Function:	Buffers	Intent:	Mid diversity mesic prairie buffer establishment			
Planting Area:	S & W					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	20.88%	82.1%
Forb	Asclepias tuberosa	Butterfly Milkweed	0.05	0.03		
	Liatris aspera	Rough Blazing Star	0.18	0.03		
	Monarda fistulosa	Wild Bergamot	1.61	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	1	0.07		
	Phlox pilosa	Prairie Phlox	0.065	0.01		
	Rudbeckia hirta	Black-eyed Susan	6	0.18		
	Symphyotrichum ericoides	Heath Aster	1.5	0.02		
	Verbena stricta	Hoary Vervain	1.45	0.14		
	Zizia aurea	Golden Alexanders	0.23	0.06		
		Total Guild:	12.085	0.60	22.65%	1.3%
Graminoid	Andropogon gerardii	Big Bluestem	6	1.63		
	Bouteloua curtipendula	Side-oats Grama	3	1.36		
	Elymus canadensis	Canada Wild Rye	0.5	0.26		
	Elymus trachycaulus	Slender Wheatgrass	1.2	0.59		
	Panicum virgatum	Switchgrass	6	1.17		
	Schizachyrium scoparium	Little Bluestem	7	1.27		
	Sorghastrum nutans	Indian Grass	5	1.13		
		Total Guild:	28.7	7.42	53.80%	16.1%
Legume						

	Astragalus canadensis	Canada Milk Vetch	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.03	0.19		
		Total Guild:	1.42	0.25	2.66%	0.5%
		Total Seed Mix:	53.345	46.18		

Pilot

Mid Diversity Moist Buffer Northeast

Function:

Buffers

Intent:

Mid diversity native buffer establishment in moist areas in northeast MN

Planting Area:

NE

Specialization:

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
		Total Guild:	11.14	37.91	7.17%	84.5%

Forb	Asclepias incarnata	Marsh Milkweed	0.18	0.10		
	Doellingeria umbellata	Flat-topped Aster	1.25	0.05		
	Euthamia graminifolia	Grass-leaved Goldenrod	2.2	0.02		
	Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
	Mimulus ringens	Blue Monkey Flower	16.5	0.02		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Solidago gigantea	Giant Goldenrod	2	0.02		
	Symphotrichum lanceolatum	Eastern Panicked Aster	2	0.03		
	Verbena hastata	Blue Vervain	4	0.12		
		Total Guild:	30.3	0.43	19.49%	1.0%

Graminoid	Andropogon gerardii	Big Bluestem	8.2	2.23		
	Bromus ciliatus	Fringed Brome	6	1.63		
	Calamagrostis canadensis	Bluejoint	2.8	0.03		
	Elymus virginicus	Virginia Wild Rye	3	1.94		
	Glyceria grandis	Tall Manna Grass	2	0.08		

	Poa palustris	Fowl Bluegrass	15	0.31		
		Total Guild:	37	6.23	23.80%	13.9%
Sedge	Carex scoparia	Lance-fruited Oval sedge	1	0.03		
	Scirpus atrovirens	Dark Green Bulrush	36	0.21		
	Scirpus cyperinus	Woolgrass	40	0.06		
		Total Guild:	77	0.31	49.54%	0.7%
		Total Seed Mix:	155.44	44.88		

Pilot

Mid Diversity Moist Buffer South & West

Function:

Buffers

Intent:

Mid diversity native buffer establishment in moist areas in southern and western MN

Planting Area:

S & W

Specialization:

NRCS 342

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	3.12	10.62		
		Total Guild:	3.12	10.62	3.01%	62.6%

Forb	Asclepias incarnata	Marsh Milkweed	0.15	0.09		
	Eupatorium perfoliatum	Common Boneset	1.6	0.03		
	Euthamia graminifolia	Grass-leaved Goldenrod	1.6	0.01		
	Eutrochium maculatum	Spotted Joe Pye Weed	0.75	0.02		
	Helenium autumnale	Autumn Sneezeweed	2	0.04		
	Helianthus grosseserratus	Sawtooth Sunflower	0.2	0.04		
	Lobelia siphilitica	Great Lobelia	4	0.02		
	Mimulus ringens	Blue Monkey Flower	12	0.01		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Symphotrichum lanceolatum	Eastern Panicked Aster	1.1	0.02		
	Verbena hastata	Blue Vervain	4	0.12		
	Zizia aurea	Golden Alexanders	0.5	0.12		
		Total Guild:	28.07	0.53	27.04%	3.1%

Graminoid					
	Andropogon gerardii	Big Bluestem	8.2	2.23	
	Elymus virginicus	Virginia Wild Rye	4	2.59	
	Glyceria grandis	Tall Manna Grass	6.6	0.26	
	Leersia oryzoides	Rice Cut Grass	1	0.08	
	Poa palustris	Fowl Bluegrass	14	0.29	
Total Guild:			33.8	5.46	32.57% 32.2%

Sedge					
	Carex stipata	Common Fox Sedge	0.8	0.06	
	Carex vulpinoidea	Brown Fox Sedge	3	0.08	
	Scirpus atrovirens	Dark Green Bulrush	35	0.21	
Total Guild:			38.8	0.35	37.38% 2.1%

Total Seed Mix:			103.79	16.96	
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State Mix

Native Construction

Function:	Stabilization	Intent:	Mid-term soil stabilization using native species. Also suitable for sides of agricultural drainage ditches or low-diversity mesic prairie plantings.		
Planting Area:	Statewide				
Specialization:					

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover					
	Avena sativa	Oats* (See Cover crop note)	11.14	37.91	
Total Guild:			11.14	37.91	14.30% 73.3%

Forb					
	Monarda fistulosa	Wild Bergamot	0.39	0.02	
	Rudbeckia hirta	Black-eyed Susan	3	0.09	
	Verbena stricta	Hoary Vervain	0.5	0.05	
Total Guild:			3.89	0.15	4.99% 0.3%

Graminoid					
	Andropogon gerardii	Big Bluestem	4.6	1.25	
	Bouteloua curtipendula	Side-oats Grama	2.21	1.00	
	Bromus ciliatus	Fringed Brome	5.67	1.54	

	Elymus canadensis	Canada Wild Rye	3.82	2.00	
	Elymus trachycaulus	Slender Wheatgrass	6.33	3.13	
	Elymus virginicus	Virginia Wild Rye	3.09	2.00	
	Panicum virgatum	Switchgrass	3.85	0.75	
	Poa palustris	Fowl Bluegrass	28.5	0.60	
	Sorghastrum nutans	Indian Grass	4.4	1.00	
Total Guild:			62.47	13.28	80.17% 25.7%

Legume					
	Chamaecrista fasciculata	Partridge Pea	0.27	0.27	
	Desmodium canadense	Canada Tick Trefoil	0.15	0.07	
Total Guild:			0.42	0.35	0.54% 0.7%
Total Seed Mix:			77.92	51.69	

Pilot

Native Forage Buffer Mix South & West

Function:	Buffers	Intent:	Native buffer seed mix that can be hayed once or twice a year		
Planting Area:	S & W				
Specialization:	NRCS 393				

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover					
	Avena sativa	Oats* (See Cover crop note)	11.14	37.91	
Total Guild:			11.14	37.91	21.85% 74.6%

Forb					
	Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06	
	Ratibida pinnata	Gray-headed Coneflower	2.15	0.20	
Total Guild:			2.45	0.26	4.81% 0.5%

Graminoid					
	Andropogon gerardii	Big Bluestem	8	2.18	
	Bromus ciliatus	Fringed Brome	2	0.54	
	Bromus kalmii	Kalm's Brome	1	0.34	
	Elymus canadensis	Canada Wild Rye	3	1.57	
	Elymus trachycaulus	Slender Wheatgrass	4	1.98	

	Elymus virginicus	Virginia Wild Rye	3	1.94		
	Panicum virgatum	Switchgrass	7	1.36		
	Sorghastrum nutans	Indian Grass	6	1.36		
	Total Guild:		34	11.28	66.69%	22.2%
Legume						
	Chamaecrista fasciculata	Partridge Pea	0.99	1.00		
	Dalea candida	White Prairie Clover	1.3	0.19		
	Dalea purpurea	Purple Prairie Clover	1.1	0.20		
	Total Guild:		3.39	1.38	6.65%	2.7%
	Total Seed Mix:		50.98	50.83		

Pilot

Native Grass Waterway General

Function:	Stormwater	Intent:	Native vegetation establishment for grass waterway establishment			
Planting Area:	Statewide					
Specialization:	NRCS 342					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
	Total Guild:		11.14	37.91	21.33%	83.9%

Forb						
	Monarda fistulosa	Wild Bergamot	1.61	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		
	Rudbeckia hirta	Black-eyed Susan	10.56	0.31		
	Symphyotrichum lanceolatum	Eastern Panicked Aster	2.3	0.04		
	Zizia aurea	Golden Alexanders	0.23	0.06		
	Total Guild:		15.64	0.53	29.94%	1.2%

Graminoid						
	Andropogon gerardii	Big Bluestem	7	1.91		
	Bromus kalmii	Kalm's Brome	1	0.34		
	Elymus canadensis	Canada Wild Rye	0.5	0.26		
	Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		

	Panicum virgatum	Switchgrass	6	1.17		
	Sorghastrum nutans	Indian Grass	7	1.59		
	Total Guild:		24.03	6.52	46.01%	14.4%
Legume						
	Astragalus canadensis	Canada Milk Vetch	0.39	0.06		
	Dalea purpurea	Purple Prairie Clover	1.03	0.19		
	Total Guild:		1.42	0.25	2.72%	0.6%
	Total Seed Mix:		52.23	45.21		

State Mix

Oats Cover Crop

Function:	Cover	Intent:	Temporary cover crop for spring and summer plantings			
Planting Area:	Statewide					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	44.54	151.58		
	Total Guild:		44.54	151.58	#####	100.0%
	Total Seed Mix:		44.54	151.58		

Pilot

Pollinator Plot Northwest

Function:	Pollinator	Intent:	Diverse pollinator habitat establishment for conservation plantings a few acres in size in northwest			
Planting Area:	NW					
Specialization:	NRCS CP 42					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	25.03%	89.3%

Forb						
	Agastache foeniculum	Blue Giant Hyssop	0.35	0.01		
	Allium stellatum	Prairie Wild Onion	0.041	0.01		
	Amorpha canescens	Lead Plant	0.37	0.06		

Asclepias syriaca	Common Milkweed	0.32	0.22
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06
Echinacea angustifolia	Narrow-leaved Purple Conefl	0.16	0.06
Helianthus maximiliani	Maximilian's Sunflower	0.3	0.06
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06
Heliopsis helianthoides	Ox-eye	0.14	0.06
Liatris aspera	Rough Blazing Star	0.37	0.06
Monarda fistulosa	Wild Bergamot	1.61	0.06
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06
Phlox pilosa	Prairie Phlox	0.08	0.01
Pycnanthemum virginianum	Virginia Mountain Mint	0.82	0.01
Rudbeckia hirta	Black-eyed Susan	4	0.12
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Solidago nemoralis	Gray Goldenrod	2.18	0.02
Symphyotrichum ericoides	Heath Aster	1.6	0.02
Symphyotrichum laeve	Smooth Aster	1.26	0.06
Verbena hastata	Blue Vervain	6	0.18
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01
Zizia aurea	Golden Alexanders	0.25	0.06

Total Guild:	21.291	1.30	47.89%	3.1%
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Graminoid

Andropogon gerardii	Big Bluestem	2.3	0.63
Bouteloua curtipendula	Side-oats Grama	1.8	0.82
Elymus canadensis	Canada Wild Rye	0.8	0.42
Hesperostipa spartea	Porcupine Grass	0.02	0.08
Schizachyrium scoparium	Little Bluestem	3	0.54
Sporobolus heterolepis	Prairie Dropseed	3.6	0.61

Total Guild:	11.52	3.10	25.91%	7.3%
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Legume

Astragalus canadensis	Canada Milk Vetch	0.39	0.06
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Desmodium canadense	Canada Tick Trefoil	0.13	0.06		
Total Guild:		0.52	0.13	1.17%	0.3%
Total Seed Mix:		44.461	42.41		

PilotPollinator Plot Urban Southeast

Function:	Pollinator	Intent:	Diverse pollinator habitat establishment for conservation plantings a few acres in size in urban areas		
Planting Area:	SE				
Specialization:	NRCS 327 Jobsheet #16				

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover					
Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:		11.13	37.88	17.81%	87.2%

Forb

Agastache foeniculum	Blue Giant Hyssop	0.4	0.01
Allium stellatum	Prairie Wild Onion	0.2	0.05
Amorpha canescens	Lead Plant	0.37	0.06
Asclepias syriaca	Common Milkweed	0.2	0.14
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06
Coreopsis palmata	Bird's Foot Coreopsis	0.2	0.05
Echinacea angustifolia	Narrow-leaved Purple Conefl	0.16	0.06
Helenium autumnale	Autumn Sneezeweed	2.98	0.06
Helianthus maximiliani	Maximilian's Sunflower	0.3	0.06
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06
Heliopsis helianthoides	Ox-eye	0.14	0.06
Liatris aspera	Rough Blazing Star	0.37	0.06
Liatris ligulistylis	Northern Plains Blazing Star	0.2	0.05
Monarda fistulosa	Wild Bergamot	1.61	0.06
Monarda punctata	Horsemint	1	0.03
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06
Penstemon digitalis	Foxglove Beardtongue	2.98	0.06

Penstemon grandiflorus	Large-flowered Beard Tongue	0.3	0.06
Phlox pilosa	Prairie Phlox	0.05	0.01
Pycnanthemum virginianum	Virginia Mountain Mint	0.9	0.01
Rudbeckia hirta	Black-eyed Susan	4	0.12
Rudbeckia triloba	Brown-eyed Susan	2	0.16
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01
Solidago speciosa	Showy Goldenrod	2.18	0.06
Symphotrichum ericoides	Heath Aster	1.8	0.02
Symphotrichum laeve	Smooth Aster	1.26	0.06
Symphotrichum novae-angliae	New England Aster	1	0.04
Tradescantia bracteata	Bracted Spiderwort	0.23	0.06
Verbena stricta	Hoary Vervain	1.45	0.14
Veronicastrum virginicum	Culver's Root	7	0.02
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01
Zizia aurea	Golden Alexanders	0.25	0.06

Total Guild:	34.97	1.88	55.95%	4.3%
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Graminoid

Bouteloua curtipendula	Side-oats Grama	2.25	1.02
Elymus canadensis	Canada Wild Rye	2	1.05
Koeleria macrantha	Junegrass	3.5	0.05
Schizachyrium scoparium	Little Bluestem	5.5	1.00
Sporobolus heterolepis	Prairie Dropseed	1.85	0.31

Total Guild:	15.1	3.43	24.16%	7.9%
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Legume

Astragalus canadensis	Canada Milk Vetch	0.39	0.06
Chamaecrista fasciculata	Partridge Pea	0.06	0.06
Dalea candida	White Prairie Clover	0.44	0.06
Dalea purpurea	Purple Prairie Clover	0.41	0.07

Total Guild:	1.3	0.26	2.08%	0.6%
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Total Seed Mix:	62.5	43.45
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Pilot

Pollinator Plots Northeast

Function:	Pollinator	Intent:	Diverse pollinator mix for conservation plantings a few acres in size in northeast MN			
Planting Area:	NE					
Specialization:	NRCS 327 Jobsheet #16					

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
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Total Guild:	11.13	37.88	11.60%	87.1%
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Forb

Achillea millefolium	Common Yarrow	8	0.12		
Agastache foeniculum	Blue Giant Hyssop	2	0.06		
Allium stellatum	Prairie Wild Onion	0.2	0.05		
Anaphalis margaritacea	Pearly Everlasting	0.82	0.01		
Asclepias syriaca	Common Milkweed	0.32	0.22		
Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
Doellingeria umbellata	Flat-topped Aster	1	0.04		
Drymocallis arguta	Tall Cinquefoil	7	0.08		
Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
Geranium maculatum	Wild Geranium	0.02	0.01		
Helenium autumnale	Autumn Sneezeweed	2.98	0.06		
Helianthus giganteus	Giant Sunflower	0.09	0.02		
Mimulus ringens	Blue Monkey Flower	16	0.02		
Oligoneuron rigidum	Stiff Goldenrod	4	0.27		
Rosa blanda	Smooth Wild Rose	0.06	0.06		
Rudbeckia hirta	Black-eyed Susan	6	0.18		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Smilacina racemosa	False Solomons Seal	0.01	0.07		
Solidago nemoralis	Gray Goldenrod	6	0.05		

Solidago ptarmicoides	Upland White Aster	1	0.04		
Symphyotrichum ciliolatum	Lindley's Aster	1	0.03		
Symphyotrichum laeve	Smooth Aster	2.4	0.12		
Verbena hastata	Blue Vervain	6	0.18		
Verbena stricta	Hoary Vervain	1	0.10		
Zizia aurea	Golden Alexanders	0.05	0.01		
Total Guild:		68.22	1.94	71.13%	4.5%

Graminoid

Andropogon gerardii	Big Bluestem	3.8	1.03		
Bromus ciliatus	Fringed Brome	4.4	1.20		
Danthonia spicata	Poverty Grass	2	0.22		
Elymus hystrix	Bottlebrush Grass	0.45	0.16		
Schizachyrium scoparium	Little Bluestem	5.5	1.00		
Total Guild:		16.15	3.61	16.84%	8.3%

Legume

Dalea purpurea	Purple Prairie Clover	0.41	0.07		
Total Guild:		0.41	0.07	0.43%	0.2%
Total Seed Mix:		95.91	43.50		

Pilot

Pollinator Plots Southeast

Function:	Pollinator	Intent:	Diverse pollinator habitat establishment for conservation plantings a few acres in size in southeast MN			
Planting Area:	SE					
Specialization:	NRCS 327 Jobsheet #16					

	Scientific Name	Common Name	Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	18.27%	86.8%

Forb

Amorpha canescens	Lead Plant	0.37	0.06		
Asclepias syriaca	Common Milkweed	0.32	0.22		
Asclepias tuberosa	Butterfly Milkweed	0.072	0.05		

Baptisia alba		0.02	0.03		
Coreopsis palmata	Bird's Foot Coreopsis	0.11	0.03		
Geranium maculatum	Wild Geranium	0.02	0.01		
Helenium autumnale	Autumn Sneezeweed	2.98	0.06		
Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
Helianthus pauciflorus	Stiff Sunflower	0.057	0.04		
Heliopsis helianthoides	Ox-eye	0.14	0.06		
Liatris aspera	Rough Blazing Star	0.3	0.05		
Liatris ligulistylis	Northern Plains Blazing Star	0.19	0.05		
Monarda fistulosa	Wild Bergamot	1.61	0.06		
Monarda punctata	Horsemint	1	0.03		
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		
Penstemon digitalis	Foxglove Beardtongue	2.98	0.06		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.4	0.08		
Pycnanthemum virginianum	Virginia Mountain Mint	1	0.01		
Ranunculus fascicularis	Early Buttercup	0.04	0.01		
Rudbeckia hirta	Black-eyed Susan	2.11	0.06		
Rudbeckia triloba	Brown-eyed Susan	2	0.16		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Solidago speciosa	Showy Goldenrod	1.5	0.04		
Symphyotrichum ericoides	Heath Aster	2	0.03		
Symphyotrichum laeve	Smooth Aster	1.26	0.06		
Symphyotrichum novae-angliae	New England Aster	1	0.04		
Tradescantia bracteata	Bracted Spiderwort	0.15	0.04		
Verbena stricta	Hoary Vervain	1	0.10		
Veronicastrum virginicum	Culver's Root	4.8	0.02		
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
Zizia aurea	Golden Alexanders	0.25	0.06		
Total Guild:		29.229	1.68	47.97%	3.9%

Graminoid

Andropogon gerardii	Big Bluestem	2.3	0.63		
Bouteloua curtipendula	Side-oats Grama	2.3	1.04		
Elymus canadensis	Canada Wild Rye	1.2	0.63		
Koeleria macrantha	Junegrass	6	0.08		
Schizachyrium scoparium	Little Bluestem	5.5	1.00		
Sporobolus heterolepis	Prairie Dropseed	1.8	0.31		
Total Guild:		19.1	3.68	31.35%	8.4%

Legume

Astragalus canadensis	Canada Milk Vetch	0.39	0.06		
Chamaecrista fasciculata	Partridge Pea	0.06	0.06		
Chamaecrista fasciculata	Partridge Pea	0.02	0.02		
Dalea candida	White Prairie Clover	0.44	0.06		
Dalea purpurea	Purple Prairie Clover	0.41	0.07		
Desmodium canadense	Canada Tick Trefoil	0.13	0.06		
Lupinus perennis	Wild Lupine	0.018	0.04		
Total Guild:		1.468	0.39	2.41%	0.9%
Total Seed Mix:		60.927	43.63		

Pilot

Pollinator Plots Southwest

Function:	Pollinator	Intent:	Diverse pollinator habitat establishment for conservation plantings a few acres in size in southwest MN		
Planting Area:	SW				
Specialization:	NRCS 327 Jobsheet #16				

Scientific Name	Common Name	Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
Total Guild:		11.13	37.88	17.81%	86.6%

Forb

Agastache foeniculum	Blue Giant Hyssop	1	0.03		
Allium stellatum	Prairie Wild Onion	0.25	0.06		
Amorpha canescens	Lead Plant	0.6	0.10		

Asclepias syriaca	Common Milkweed	0.32	0.22		
Asclepias tuberosa	Butterfly Milkweed	0.072	0.05		
Coreopsis palmata	Bird's Foot Coreopsis	0.15	0.04		
Echinacea angustifolia	Narrow-leaved Purple Conefl	0.16	0.06		
Helenium autumnale	Autumn Sneezeweed	2.98	0.06		
Helianthus maximilianii	Maximilian's Sunflower	0.3	0.06		
Helianthus pauciflorus	Stiff Sunflower	0.09	0.06		
Heliopsis helianthoides	Ox-eye	0.14	0.06		
Liatris aspera	Rough Blazing Star	0.37	0.06		
Monarda fistulosa	Wild Bergamot	1.61	0.06		
Oligoneuron rigidum	Stiff Goldenrod	0.94	0.06		
Penstemon digitalis	Foxglove Beardtongue	2.98	0.06		
Penstemon grandiflorus	Large-flowered Beard Tongue	0.2	0.04		
Phlox pilosa	Prairie Phlox	0.065	0.01		
Pycnanthemum virginianum	Virginia Mountain Mint	3	0.04		
Rudbeckia hirta	Black-eyed Susan	4	0.12		
Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
Solidago speciosa	Showy Goldenrod	2.18	0.06		
Symphotrichum ericoides	Heath Aster	1.8	0.02		
Symphotrichum laeve	Smooth Aster	1.26	0.06		
Symphotrichum novae-angliae	New England Aster	1.52	0.06		
Tradescantia bracteata	Bracted Spiderwort	0.15	0.04		
Verbena stricta	Hoary Vervain	1	0.10		
Veronicastrum virginicum	Culver's Root	7	0.02		
Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
Zizia aurea	Golden Alexanders	0.25	0.06		
Total Guild:		34.697	1.72	55.51%	3.9%

Graminoid

Andropogon gerardii	Big Bluestem	2.3	0.63		
Bouteloua curtipendula	Side-oats Grama	1.8	0.82		

Elymus canadensis	Canada Wild Rye	2	1.05
Koeleria macrantha	Junegrass	1.8	0.02
Schizachyrium scoparium	Little Bluestem	5.5	1.00
Sporobolus heterolepis	Prairie Dropseed	1.85	0.31

Total Guild:	15.25	3.83	24.40%	8.7%
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Legume

Astragalus canadensis	Canada Milk Vetch	0.39	0.06
Chamaecrista fasciculata	Partridge Pea	0.06	0.06
Dalea candida	White Prairie Clover	0.44	0.06
Dalea purpurea	Purple Prairie Clover	0.41	0.07
Desmodium canadense	Canada Tick Trefoil	0.13	0.06

Total Guild:	1.43	0.32	2.29%	0.7%
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Total Seed Mix:	62.507	43.75
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State Mix

Riparian Northeast

Function:	Wetland	Intent:	Native riparian and floodplain plantings for wetland mitigation, ecological restoration, or general permanent cover. Tolerates partial shade.			
Planting Area:	NE					
Specialization:						

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

Avena sativa	Oats* (See Cover crop note)	11.14	37.91
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Total Guild:	11.14	37.91	5.50%	85.4%
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Forb

Asclepias incarnata	Marsh Milkweed	0.21	0.12
Doellingeria umbellata	Flat-topped Aster	1	0.04
Eupatorium perfoliatum	Common Boneset	3	0.05
Euthamia graminifolia	Grass-leaved Goldenrod	9	0.07
Eutrochium maculatum	Spotted Joe Pye Weed	3.7	0.11
Helianthus giganteus	Giant Sunflower	0.25	0.07
Impatiens capensis	Spotted Touch-Me-Not	0.05	0.03

Mimulus ringens	Blue Monkey Flower	13	0.02
Solidago gigantea	Giant Goldenrod	1.5	0.02
Verbena hastata	Blue Vervain	7.35	0.22

Total Guild:	39.06	0.74	19.27%	1.7%
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Graminoid

Beckmannia syzigachne	American Slough Grass	27.64	1.50
Calamagrostis canadensis	Bluejoint	6	0.06
Elymus riparius	Riverbank Wild Rye	0.53	0.50
Elymus virginicus	Virginia Wild Rye	3.08	2.00
Glyceria grandis	Tall Manna Grass	6.5	0.25
Glyceria striata	Fowl Manna Grass	3	0.09
Leersia oryzoides	Rice Cut Grass	1.93	0.15
Poa palustris	Fowl Bluegrass	33.5	0.70

Total Guild:	82.18	5.26	40.55%	11.8%
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Sedge

Carex scoparia	Lance-fruited Oval sedge	2	0.06
Carex stricta	Tussock Sedge	0.8	0.04
Carex vulpinoidea	Brown Fox Sedge	7.5	0.20
Juncus tenuis	Path Rush	10	0.03
Scirpus atrovirens	Dark Green Bulrush	20	0.12
Scirpus cyperinus	Woolgrass	30	0.05

Total Guild:	70.3	0.50	34.69%	1.1%
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Total Seed Mix:	202.68	44.41
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State Mix

Riparian South & West

Function:	Wetland	Intent:	Native riparian and floodplain plantings for wetland mitigation, ecological restoration, or general permanent cover. Tolerates parial shade.			
Planting Area:	S & W					
Specialization:						

Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

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	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
	Total Guild:		11.14	37.91	5.84%	85.4%
Forb	Asclepias incarnata	Marsh Milkweed	0.21	0.12		
	Eupatorium perfoliatum	Common Boneset	2	0.03		
	Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
	Helenium autumnale	Autumn Sneezeweed	2.5	0.05		
	Helianthus giganteus	Giant Sunflower	0.25	0.07		
	Impatiens capensis	Spotted Touch-Me-Not	0.08	0.05		
	Lobelia siphilitica	Great Lobelia	5	0.03		
	Mimulus ringens	Blue Monkey Flower	5.07	0.01		
	Pycnanthemum virginianum	Virginia Mountain Mint	4	0.05		
	Rudbeckia laciniata	Tall Coneflower	0.25	0.05		
	Solidago gigantea	Giant Goldenrod	2	0.02		
	Verbena hastata	Blue Vervain	5	0.15		
	Vernonia fasciculata	Bunched Ironweed	0.5	0.06		
	Total Guild:		28.86	0.74	15.14%	1.7%
Graminoid	Beckmannia syzigachne	American Slough Grass	24.9	1.36		
	Elymus riparius	Riverbank Wild Rye	0.53	0.50		
	Elymus virginicus	Virginia Wild Rye	2.7	1.75		
	Glyceria grandis	Tall Manna Grass	6.5	0.25		
	Glyceria striata	Fowl Manna Grass	3	0.09		
	Leersia oryzoides	Rice Cut Grass	2	0.16		
	Poa palustris	Fowl Bluegrass	40	0.84		
	Spartina pectinata	Prairie Cordgrass	0.74	0.31		
	Total Guild:		80.37	5.25	42.15%	11.8%
Sedge	Carex scoparia	Lance-fruited Oval sedge	2	0.06		
	Carex stricta	Tussock Sedge	0.8	0.04		
	Carex vulpinoidea	Brown Fox Sedge	7.5	0.20		

Juncus tenuis	Path Rush	10	0.03		
Scirpus atrovirens	Dark Green Bulrush	20	0.12		
Scirpus cyperinus	Woolgrass	30	0.05		
Total Guild:		70.3	0.50	36.87%	1.1%
Total Seed Mix:		190.67	44.41		

Pilot Sand Mine Reclamation South & West						
Function:	Grassland		Intent: Dry prairie establishment on disturbed sites with sandy soils			
Planting Area:	S & W					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.13	37.88		
	Total Guild:		11.13	37.88	14.71%	79.4%
Forb	Asclepias tuberosa	Butterfly Milkweed	0.1	0.06		
	Asclepias verticillata	Whorled Milkweed	0.1	0.02		
	Coreopsis palmata	Bird's Foot Coreopsis	0.21	0.06		
	Geum triflorum	Prairie Smoke	0.1	0.01		
	Liatris aspera	Rough Blazing Star	0.25	0.04		
	Monarda punctata	Horsemint	1.42	0.04		
	Oligoneuron rigidum	Stiff Goldenrod	0.83	0.06		
	Penstemon grandiflorus	Large-flowered Beard Tongue	0.32	0.06		
	Rudbeckia hirta	Black-eyed Susan	10.32	0.31		
	Solidago speciosa	Showy Goldenrod	2	0.06		
	Symphyotrichum ericoides	Heath Aster	2.58	0.04		
	Symphyotrichum oolentangiense	Skyblue Aster	1.26	0.04		
	Viola pedatifida	Bearded Birdfoot Violet	0.14	0.01		
	Zizia aptera	Heart-leaved Alexanders	0.2	0.05		
Total Guild:			19.83	0.86	26.21%	1.8%

Graminoid					
	Bouteloua curtipendula	Side-oats Grama	4	1.82	
	Bromus kalmii	Kalm's Brome	4	1.36	
	Koeleria macrantha	Junegrass	6	0.08	
	Panicum virgatum	Switchgrass	8	1.56	
	Schizachyrium scoparium	Little Bluestem	18	3.27	
	Sporobolus cryptandrus	Sand Dropseed	1.8	0.02	
	Sporobolus heterolepis	Prairie Dropseed	1	0.17	
Total Guild:			42.8	8.28	56.56% 17.3%

Legume					
	Astragalus canadensis	Canada Milk Vetch	0.4	0.06	
	Chamaecrista fasciculata	Partridge Pea	0.39	0.39	
	Dalea purpurea	Purple Prairie Clover	1.1	0.20	
	Lupinus perennis	Wild Lupine	0.018	0.04	
Total Guild:			1.908	0.70	2.52% 1.5%
Total Seed Mix:			75.668	47.71	

Pilot

Shallow Rooted BMP Mix General

Function:	Buffers	Intent:	Establish prairie vegetation over perforated drain tile where deep rooted species could plug tile
Planting Area:	Statewide		
Specialization:	NRCS 327		

	Scientific Name	Common Name	Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	9	30.63		
Total Guild:			9	30.63	12.48%	62.1%
Forb						
	Monarda fistulosa	Wild Bergamot	2.6	0.10		
	Solidago canadensis	Canada Goldenrod	4	0.04		
Total Guild:			6.6	0.14	9.15%	0.3%

Graminoid					
	Bouteloua gracilis	Blue Grama	18	1.23	

	Bromus ciliatus	Fringed Brome	8	2.18	
	Bromus kalmii	Kalm's Brome	3	1.02	
	Elymus canadensis	Canada Wild Rye	6	3.14	
	Elymus trachycaulus	Slender Wheatgrass	13	6.44	
	Elymus virginicus	Virginia Wild Rye	7	4.54	
Total Guild:			55	18.54	76.28% 37.6%
Sedge					
	Carex vulpinoidea	Brown Fox Sedge	1.5	0.04	
Total Guild:			1.5	0.04	2.08% 0.1%
Total Seed Mix:			72.1	49.35	

Pilot

Silvopasture Southeast

Function:	Production	Intent:	Vegetation establishment in silvopasture areas		
Planting Area:	SE				
Specialization:	NRCS 512				

	Scientific Name	Common Name	Seeds/ sa ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover						
	Avena sativa	Oats* (See Cover crop note)	1.42	4.83		
Total Guild:			1.42	4.83	3.58%	30.3%

Graminoid					
	Bromus kalmii	Kalm's Brome	1.8	0.61	
	Elymus canadensis	Canada Wild Rye	3	1.57	
	Elymus trachycaulus	Slender Wheatgrass	4	1.98	
	Elymus virginicus	Virginia Wild Rye	3	1.94	
	Festuca rubra	Red Fescue	10	1.18	
	Panicum virgatum	Switchgrass	8	1.56	
Total Guild:			29.8	8.85	75.21% 55.5%

Legume					
	Astragalus canadensis	Canada Milk Vetch	1.5	0.24	
	Chamaecrista fasciculata	Partridge Pea	1	1.01	
	Dalea candida	White Prairie Clover	3	0.43	

Dalea purpurea	Purple Prairie Clover	2.5	0.45		
Lespedeza capitata	Round-headed Bush Clover	0.4	0.14		
Total Guild:		8.4	2.27	21.20%	14.2%
Total Seed Mix:		39.62	15.95		

State Mix

Soil Building Cover Crop

Function:	Cover	Intent: Temporary cover crop with soil building function				
Planting Area:	Statewide					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	26.72	90.93		
	Total Guild:		26.72	90.93	88.59%	64.6%
Legume	Pisum sativum	Field Pea	3.44	49.82		
	Total Guild:		3.44	49.82	11.41%	35.4%
Total Seed Mix:			30.16	140.75		

State Mix

Stormwater Northeast

Function:	Stormwater	Intent: Stormwater pond edges, temporarily flooded dry ponds, and temporarily flooded ditch bottoms				
Planting Area:	NE					
Specialization:						
Cover	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
	Total Guild:		11.14	37.91	5.08%	78.5%
Forb	Anemone canadensis	Canada Anemone	0.3	0.10		
	Asclepias incarnata	Marsh Milkweed	0.8	0.45		
	Doellingeria umbellata	Flat-topped Aster	2.5	0.10		
	Eupatorium perfoliatum	Common Boneset	3	0.05		

Euthamia graminifolia	Grass-leaved Goldenrod	5	0.04		
Eutrochium maculatum	Spotted Joe Pye Weed	5.1	0.15		
Mimulus ringens	Blue Monkey Flower	20	0.02		
Solidago gigantea	Giant Goldenrod	2	0.02		
Symphytotrichum lanceolatum	Eastern Panicked Aster	1	0.02		
Thalictrum dasycarpum	Tall Meadow-Rue	0.4	0.10		
Total Guild:		40.1	1.06	18.28%	2.2%

Graminoid	Bromus ciliatus	Fringed Brome	14.75	4.02		
	Calamagrostis canadensis	Bluejoint	4.8	0.05		
	Elymus canadensis	Canada Wild Rye	3.82	2.00		
	Elymus virginicus	Virginia Wild Rye	3.09	2.00		
	Glyceria grandis	Tall Manna Grass	4	0.16		
	Poa palustris	Fowl Bluegrass	30.4	0.64		
Total Guild:			60.86	8.86	27.74%	18.3%

Sedge	Carex hystericina	Porcupine Sedge	1	0.09		
	Carex scoparia	Lance-fruited Oval sedge	1.3	0.04		
	Scirpus atrovirens	Dark Green Bulrush	45	0.27		
	Scirpus cyperinus	Woolgrass	60	0.10		
Total Guild:			107.3	0.50	48.91%	1.0%
Total Seed Mix:			219.4	48.32		

Pilot

Stormwater Pond Pollinator Northeast

Function:	Stormwater	Intent: Stormwater pond vegetation establishment for pollinator habitat establishment				
Planting Area:	NE					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	8.74%	79.7%

Forb	Agastache foeniculum	Blue Giant Hyssop	3	0.09		
	Asclepias incarnata	Marsh Milkweed	0.22	0.12		
	Asclepias syriaca	Common Milkweed	0.32	0.22		
	Asclepias tuberosa	Butterfly Milkweed	0.09	0.06		
	Eupatorium perfoliatum	Common Boneset	4	0.07		
	Eutrochium maculatum	Spotted Joe Pye Weed	2	0.06		
	Gentiana andrewsii	Bottle Gentian	5	0.05		
	Helenium autumnale	Autumn Sneezeweed	6.5	0.14		
	Lobelia siphilitica	Great Lobelia	6	0.03		
	Mimulus ringens	Blue Monkey Flower	20	0.02		
	Monarda fistulosa	Wild Bergamot	5	0.19		
	Oligoneuron rigidum	Stiff Goldenrod	3.1	0.21		
	Pycnanthemum virginianum	Virginia Mountain Mint	3	0.04		
	Rudbeckia hirta	Black-eyed Susan	4	0.12		
	Sisyrinchium campestre	Field Blue-eyed Grass	0.17	0.01		
	Symphyotrichum novae-angliae	New England Aster	2	0.08		
	Verbena hastata	Blue Vervain	5.8	0.17		
	Zizia aurea	Golden Alexanders	0.05	0.01		
Total Guild:			70.25	1.69	55.15%	3.6%

Graminoid	Andropogon gerardii	Big Bluestem	5	1.36		
	Beckmannia syzigachne	American Slough Grass	10	0.54		
	Bromus ciliatus	Fringed Brome	3	0.82		
	Elymus canadensis	Canada Wild Rye	1.5	0.79		
	Elymus trachycaulus	Slender Wheatgrass	2	0.99		
	Elymus virginicus	Virginia Wild Rye	1.5	0.97		
	Panicum virgatum	Switchgrass	4	0.78		
	Poa palustris	Fowl Bluegrass	12	0.25		
	Sorghastrum nutans	Indian Grass	4	0.91		

		Total Guild:	43	7.41	33.75%	15.6%
Legume	Dalea purpurea	Purple Prairie Clover	3	0.54		
		Total Guild:	3	0.54	2.35%	1.1%
		Total Seed Mix:	127.39	47.55		

State Mix

Stormwater South & West

Function:	Stormwater	Intent:	Stormwater pond edges, temporarily flooded dry ponds, and temporarily flooded ditch bottoms.			
Planting Area:	S & W					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	6.16%	78.4%

Forb	Anemone canadesis	Canada Anemone	0.2	0.07		
	Asclepias incarnata	Marsh Milkweed	0.2	0.11		
	Bidens frondosa	Leafy Beggarticks	0.2	0.11		
	Doellingeria umbellata	Flat-topped Aster	1.5	0.06		
	Eutrochium maculatum	Spotted Joe Pye Weed	2.19	0.06		
	Helenium autumnale	Autumn Sneezeweed	5.97	0.13		
	Physostegia virginiana	Obedient Plant	0.3	0.07		
	Rudbeckia laciniata	Tall Coneflower	0.37	0.07		
	Symphyotrichum novae-angliae	New England Aster	1.56	0.07		
	Verbena hastata	Blue Vervain	1.85	0.05		
	Zizia aurea	Golden Alexanders	0.79	0.20		
Total Guild:			15.13	1.00	8.37%	2.1%

Graminoid	Andropogon gerardii	Big Bluestem	7.35	2.00		
	Bromus ciliatus	Fringed Brome	8.1	2.21		
	Calamagrostis canadensis	Bluejoint	6.4	0.06		

	Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		
	Elymus virginicus	Virginia Wild Rye	2.31	1.50		
	Panicum virgatum	Switchgrass	1.93	0.38		
	Poa palustris	Fowl Bluegrass	50.7	1.06		
	Sorghastrum nutans	Indian Grass	0.55	0.12		
	Spartina pectinata	Prairie Cordgrass	0.91	0.38		
	Total Guild:		80.78	8.96	44.67%	18.5%

Sedge

	Carex stipata	Common Fox Sedge	3.1	0.25		
	Scirpus atrovirens	Dark Green Bulrush	31.7	0.19		
	Scirpus cyperinus	Woolgrass	39	0.06		
	Total Guild:		73.8	0.50	40.81%	1.0%

	Total Seed Mix:		180.85	48.36		
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PilotWet Meadow Forb/Sedge/Rush South & West

Function:	Wetland	Intent:	Wet meadow establishment where reed canary grass is a risk and grass specific herbicides will be used			
Planting Area:	SW					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	3.12	10.62		
	Total Guild:		3.12	10.62	1.68%	75.8%

Forb

	Asclepias incarnata	Marsh Milkweed	0.43	0.24		
	Eupatorium perfoliatum	Common Boneset	1.3	0.02		
	Euthamia graminifolia	Grass-leaved Goldenrod	2.6	0.02		
	Eutrochium maculatum	Spotted Joe Pye Weed	0.75	0.02		
	Helenium autumnale	Autumn Sneezeweed	1	0.02		
	Helianthus grosseserratus	Sawtooth Sunflower	0.2	0.04		
	Lobelia siphilitica	Great Lobelia	3.2	0.02		

	Mimulus ringens	Blue Monkey Flower	9	0.01		
	Pycnanthemum virginianum	Virginia Mountain Mint	5.1	0.06		
	Solidago gigantea	Giant Goldenrod	2	0.02		
	Symphotrichum lanceolatum	Eastern Panicked Aster	1.5	0.03		
	Thalictrum dasycarpum	Tall Meadow-Rue	0.11	0.03		
	Verbena hastata	Blue Vervain	5	0.15		
	Vernonia fasciculata	Bunched Ironweed	0.3	0.03		
	Veronicastrum virginicum	Culver's Root	4.8	0.02		
	Zizia aurea	Golden Alexanders	1	0.25		

	Total Guild:		38.29	0.98	20.61%	7.0%
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Graminoid

	Elymus virginicus	Virginia Wild Rye	1.55	1.00		
	Leersia oryzoides	Rice Cut Grass	3.1	0.25		
	Poa palustris	Fowl Bluegrass	16.5	0.35		

	Total Guild:		21.15	1.60	11.39%	11.4%
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Sedge

	Carex pellita	Wooly Sedge	0.5	0.05		
	Carex scoparia	Lance-fruited Oval sedge	1.6	0.05		
	Carex stipata	Common Fox Sedge	2.6	0.21		
	Carex stricta	Tussock Sedge	0.5	0.03		
	Carex vulpinoidea	Brown Fox Sedge	5	0.14		
	Juncus tenuis	Path Rush	15	0.04		
	Scirpus atrovirens	Dark Green Bulrush	35	0.21		
	Scirpus cyperinus	Woolgrass	63	0.10		

	Total Guild:		123.2	0.82	66.32%	5.8%
	Total Seed Mix:		185.76	14.01		

State Mix

Wet Meadow Northeast

Function:Wetland

Planting Area:NE

Specialization:

Intent:Wet meadow / Sedge meadow reconstruction for wetland mitigation or ecological restoration.

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	3.05	10.38		
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	Total Guild:		3.05	10.38	1.66%	64.0%
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Forb

	Anemone canadesis	Canada Anemone	0.3	0.10		
	Asclepias incarnata	Marsh Milkweed	0.43	0.24		
	Doellingeria umbellata	Flat-topped Aster	2.5	0.10		
	Eupatorium perfoliatum	Common Boneset	5	0.09		
	Euthamia graminifolia	Grass-leaved Goldenrod	5	0.04		
	Eutrochium maculatum	Spotted Joe Pye Weed	5	0.14		
	Mimulus ringens	Blue Monkey Flower	25	0.03		
	Solidago gigantea	Giant Goldenrod	2.3	0.03		
	Symphyotrichum lanceolatum	Eastern Panicled Aster	2	0.03		

	Total Guild:		47.53	0.80	25.88%	5.0%
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Graminoid

	Bromus ciliatus	Fringed Brome	8.1	2.21		
	Calamagrostis canadensis	Bluejoint	10	0.10		
	Elymus virginicus	Virginia Wild Rye	2.31	1.50		
	Glyceria grandis	Tall Manna Grass	6.3	0.25		
	Poa palustris	Fowl Bluegrass	31	0.65		

	Total Guild:		57.71	4.69	31.43%	28.9%
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Sedge

	Carex scoparia	Lance-fruited Oval sedge	1.5	0.05		
	Carex stricta	Tussock Sedge	0.85	0.04		
	Scirpus atrovirens	Dark Green Bulrush	33	0.20		
	Scirpus cyperinus	Woolgrass	40	0.06		

	Total Guild:	75.35	0.35	41.03%	2.2%
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	Total Seed Mix:	183.64	16.23		
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State Mix

Wet Meadow South & West

Function:Wetland

Planting Area:S & W

Specialization:

Intent:Wet meadow / Sedge medow reconstruction for wetland mitigation or ecological restoration projects

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
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Cover

	Avena sativa	Oats* (See Cover crop note)	3.12	10.62		
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	Total Guild:		3.12	10.62	1.68%	67.5%
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Forb

	Asclepias incarnata	Marsh Milkweed	0.43	0.24		
	Eupatorium perfoliatum	Common Boneset	1.3	0.02		
	Euthamia graminifolia	Grass-leaved Goldenrod	1	0.01		
	Eutrochium maculatum	Spotted Joe Pye Weed	0.75	0.02		
	Helenium autumnale	Autumn Sneezeweed	1.3	0.03		
	Helianthus grosseserratus	Sawtooth Sunflower	0.2	0.04		
	Lobelia siphilitica	Great Lobelia	2.9	0.02		
	Mimulus ringens	Blue Monkey Flower	6.8	0.01		
	Pycnanthemum virginianum	Virginia Mountain Mint	5.1	0.06		
	Solidago gigantea	Giant Goldenrod	1.5	0.02		
	Symphyotrichum lanceolatum	Eastern Panicled Aster	1.5	0.03		
	Symphyotrichum puniceum	Red-stemmed Aster	5	0.17		
	Thalictrum dasycarpum	Tall Meadow-Rue	0.11	0.03		
	Verbena hastata	Blue Vervain	4.61	0.13		
	Vernonia fasciculata	Bunched Ironweed	0.3	0.03		
	Veronicastrum virginicum	Culver's Root	4.2	0.01		
	Zizia aurea	Golden Alexanders	1	0.25		

	Total Guild:	38	1.12	20.49%	7.1%
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Graminoid					
	Bromus ciliatus	Fringed Brome	4.45	1.21	
	Calamagrostis canadensis	Bluejoint	5	0.05	
	Elymus virginicus	Virginia Wild Rye	1.55	1.00	
	Glyceria grandis	Tall Manna Grass	3.9	0.15	
	Glyceria striata	Fowl Manna Grass	3.3	0.10	
	Leersia oryzoides	Rice Cut Grass	3.1	0.25	
	Poa palustris	Fowl Bluegrass	16.5	0.35	
Total Guild:			37.8	3.11	20.38% 19.8%
Sedge					
	Carex comosa	Bristly Sedge	2.36	0.21	
	Carex scoparia	Lance-fruited Oval sedge	1.6	0.05	
	Carex stipata	Common Fox Sedge	2.1	0.17	
	Carex stricta	Tussock Sedge	0.5	0.03	
	Carex vulpinoidea	Brown Fox Sedge	5	0.14	
	Juncus tenuis	Path Rush	15	0.04	
	Scirpus atrovirens	Dark Green Bulrush	30	0.18	
	Scirpus cyperinus	Woolgrass	50	0.08	
Total Guild:			106.56	0.89	57.45% 5.7%
Total Seed Mix:			185.48	15.74	

State Mix

Wet Prairie

Function:	Wetland	Intent: Wet prairie reconstruction for wetland mitigation or ecological restoration.				
Planting Area:	Statewide					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	2.76	9.39		
		Total Guild:	2.76	9.39	2.27%	52.6%
Forb	Anemone canadensis	Canada Anemone	0.09	0.03		

	Asclepias incarnata	Marsh Milkweed	0.14	0.08	
	Doellingeria umbellata	Flat-topped Aster	1.2	0.05	
	Eupatorium perfoliatum	Common Boneset	2	0.03	
	Euthamia graminifolia	Grass-leaved Goldenrod	2	0.02	
	Eutrochium maculatum	Spotted Joe Pye Weed	1.5	0.04	
	Helenium autumnale	Autumn Sneezeweed	2.39	0.05	
	Helianthus grosseserratus	Sawtooth Sunflower	0.3	0.05	
	Liatris pycnostachya	Great Blazing Star	0.1	0.02	
	Lobelia siphilitica	Great Lobelia	1.4	0.01	
	Mimulus ringens	Blue Monkey Flower	6.4	0.01	
	Pycnanthemum virginianum	Virginia Mountain Mint	6.5	0.08	
	Symphytotrichum puniceum	Red-stemmed Aster	2.4	0.08	
	Verbena hastata	Blue Vervain	5.25	0.15	
	Vernonia fasciculata	Bunched Ironweed	0.3	0.03	
	Veronicastrum virginicum	Culver's Root	6	0.02	
	Zizia aurea	Golden Alexanders	1.03	0.25	
Total Guild:			39	1.02	32.09% 5.7%
Graminoid					
	Andropogon gerardii	Big Bluestem	3.67	1.00	
	Bromus ciliatus	Fringed Brome	6.08	1.66	
	Calamagrostis canadensis	Bluejoint	4	0.04	
	Elymus virginicus	Virginia Wild Rye	2.7	1.75	
	Glyceria grandis	Tall Manna Grass	3.8	0.15	
	Glyceria striata	Fowl Manna Grass	3.5	0.11	
	Panicum virgatum	Switchgrass	3.85	0.75	
	Poa palustris	Fowl Bluegrass	9.6	0.20	
	Sorghastrum nutans	Indian Grass	2.2	0.50	
	Spartina pectinata	Prairie Cordgrass	1.2	0.50	
Total Guild:			40.6	6.64	33.40% 37.2%
Legume					

	Desmodium canadense	Canada Tick Trefoil	1	0.50		
	Total Guild:		1	0.50	0.82%	2.8%
Sedge	Carex pellita	Wooly Sedge	0.47	0.05		
	Carex stricta	Tussock Sedge	0.48	0.02		
	Carex vulpinoidea	Brown Fox Sedge	3.5	0.10		
	Scirpus atrovirens	Dark Green Bulrush	17.74	0.10		
	Scirpus cyperinus	Woolgrass	16	0.03		
	Total Guild:		38.19	0.30	31.42%	1.7%
	Total Seed Mix:		121.55	17.85		

Pilot

Wetland Construction General

Function:	Wetland	Intent:	Establishment of native vegetation on embankments and other constructed areas as part of wetland restoration projects			
Planting Area:	Statewide					
Specialization:	NRCS 342					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
	Total Guild:		11.14	37.91	14.85%	73.3%

Forb	Asclepias syriaca	Common Milkweed	0.16	0.11		
	Monarda fistulosa	Wild Bergamot	0.39	0.02		
	Rudbeckia hirta	Black-eyed Susan	3	0.09		
	Verbena hastata	Blue Vervain	0.8	0.02		
	Total Guild:		4.35	0.24	5.80%	0.5%

Graminoid	Andropogon gerardii	Big Bluestem	5.5095	1.50		
	Beckmannia syzigachne	American Slough Grass	6.06	0.33		
	Bouteloua curtipendula	Side-oats Grama	1.6088	0.73		
	Bromus ciliatus	Fringed Brome	3.7832	1.03		
	Elymus canadensis	Canada Wild Rye	3.82	2.00		

	Elymus trachycaulus	Slender Wheatgrass	5.0505	2.50		
	Elymus virginicus	Virginia Wild Rye	3.0854	2.00		
	Panicum virgatum	Switchgrass	7.7135	1.50		
	Poa palustris	Fowl Bluegrass	15.28	0.32		
	Sorghastrum nutans	Indian Grass	6.6115	1.50		
	Total Guild:		58.5224	13.41	78.02%	25.9%
Legume	Dalea purpurea	Purple Prairie Clover	1	0.18		
	Total Guild:		1	0.18	1.33%	0.4%
	Total Seed Mix:		75.0124	51.74		

State Mix

Wetland Rehabilitation

Function:	Wetland	Intent:	Interseeding into establishing wetlands after weed control spraying. Also suitable for two to five year short term soil stabilization for areas with saturated soils.			
Planting Area:	Statewide					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Forb	Bidens cernua	Nodding Bur Marigold	1	0.13		
	Lycopus americanus	Water Horehound	23.15	0.48		
	Mimulus ringens	Blue Monkey Flower	30	0.04		
	Total Guild:		54.15	0.65	19.13%	11.9%

Graminoid	Elymus virginicus	Virginia Wild Rye	4.63	3.00		
	Poa palustris	Fowl Bluegrass	47.8	1.00		
	Total Guild:		52.43	4.00	18.52%	73.4%

Sedge	Carex vulpinoidea	Brown Fox Sedge	7.5	0.20		
	Juncus tenuis	Path Rush	59	0.16		
	Scirpus atrovirens	Dark Green Bulrush	60	0.36		
	Scirpus cyperinus	Woolgrass	50	0.08		
	Total Guild:		176.5	0.80	62.35%	14.7%

		Total Seed Mix:	283.08	5.45		
Pilot	Wetland Seedbank Release Northeast					
Function:	Wetland	Intent:	Early successional cover establishment in wetlands where native seedbank will add diversity. Not intended for seeding in Fall.			
Planting Area:	NE					
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	20	68.06		
	Total Guild:		20	68.06	50.00%	98.4%
Graminoid	Beckmannia syzigachne	American Slough Grass	20	1.09		
	Total Guild:		20	1.09	50.00%	1.6%
	Total Seed Mix:		40	69.15		

State Mix		Winter Wheat Cover Crop				
Function: Cover		Intent: Temporary cover crop for fall plantings				
Planting Area: Statewide						
Specialization:						
	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Triticum aestivum	Winter Wheat	26.08	100.00		
	Total Guild:		26.08	100.00	#####	100.0%
	Total Seed Mix:		26.08	100.00		

State Mix		Woodland Edge Central					
Function:	Conservation		Intent:			Partly shaded grassland planting for native roadsides, reclamation, etc in central MN	
Planting Area:	Central						
Specialization:							
Scientific Name		Common Name		Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)

Cover		Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:				11.14	37.91	17.73%	77.9%
Forb							
		Achillea millefolium	Common Yarrow	2	0.03		
		Agastache foeniculum	Blue Giant Hyssop	2.1	0.06		
		Amorpha canescens	Lead Plant	0.21	0.04		
		Anaphalis margaritacea	Pearly Everlasting	1.3	0.02		
		Heliopsis helianthoides	Ox-eye	0.3	0.13		
		Monarda fistulosa	Wild Bergamot	1.6	0.06		
		Osmorhiza claytonii	Clayton's Sweet Cicely	0.06	0.07		
		Rosa blanda	Smooth Wild Rose	0.09	0.09		
		Rudbeckia hirta	Black-eyed Susan	6.8	0.20		
		Solidago speciosa	Showy Goldenrod	1.8	0.05		
		Symphotrichum laeve	Smooth Aster	1.3	0.06		
		Symphotrichum oolentangiense	Skyblue Aster	1.8	0.06		
		Zizia aurea	Golden Alexanders	0.23	0.06		
Total Guild:				19.59	0.93	31.18%	1.9%
Graminoid							
		Andropogon gerardii	Big Bluestem	1.85	0.50		
		Bouteloua curtipendula	Side-oats Grama	2.2	1.00		
		Bromus ciliatus	Fringed Brome	2	0.54		
		Bromus kalmii	Kalm's Brome	4.4	1.50		
		Danthonia spicata	Poverty Grass	3.4	0.37		
		Elymus canadensis	Canada Wild Rye	1.43	0.75		
		Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		
		Elymus virginicus	Virginia Wild Rye	2.7	1.75		
		Schizachyrium scoparium	Little Bluestem	6.2	1.13		
		Sorghastrum nutans	Indian Grass	2.2	0.50		
Total Guild:				28.91	9.29	46.02%	19.1%
Legume							

Astragalus canadensis	Canada Milk Vetch	1.58	0.25		
Dalea candida	White Prairie Clover	0.4	0.06		
Dalea purpurea	Purple Prairie Clover	1	0.18		
Lespedeza capitata	Round-headed Bush Clover	0.2	0.07		
Total Guild:		3.18	0.56	5.06%	1.1%
Total Seed Mix:		62.82	48.69		

State Mix

Woodland Edge Northeast

Function:	Conservation	Intent:	Partly shaded grassland planting for native roadsides, reclamation, etc in north-central and northeast MN			
Planting Area:	NE					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	9.18%	80.5%

Forb	Achillea millefolium	Common Yarrow	2	0.03		
	Anaphalis margaritacea	Pearly Everlasting	1.3	0.02		
	Doellingeria umbellata	Flat-topped Aster	1	0.04		
	Drymocallis arguta	Tall Cinquefoil	5.3	0.06		
	Eurybia macrophylla	Large-leaved Aster	0.18	0.02		
	Oligoneuron rigidum	Stiff Goldenrod	2.1	0.14		
	Rosa blanda	Smooth Wild Rose	0.15	0.16		
	Rudbeckia hirta	Black-eyed Susan	8.7	0.26		
	Solidago nemoralis	Gray Goldenrod	6.8	0.06		
	Solidago ptarmicoides	Upland White Aster	1	0.04		
	Symphyotrichum ciliolatum	Lindley's Aster	1	0.03		
	Symphyotrichum laeve	Smooth Aster	2.9	0.14		
Total Guild:			32.43	1.00	26.72%	2.1%

Graminoid

Bromus ciliatus	Fringed Brome	8.1	2.21		
Calamagrostis canadensis	Bluejoint	12.9	0.13		
Danthonia spicata	Poverty Grass	4.6	0.50		
Elymus canadensis	Canada Wild Rye	2.38	1.25		
Elymus trachycaulus	Slender Wheatgrass	5.06	2.50		
Poa palustris	Fowl Bluegrass	41.5	0.87		
Schizachne purpurascens	False Melic	2.9	0.25		
Total Guild:		77.44	7.70	63.79%	16.3%

Legume	Vicia americana	American Vetch	0.38	0.50		
Total Guild:			0.38	0.50	0.31%	1.1%
Total Seed Mix:			121.39	47.12		

State Mix

Woodland Edge Northwest

Function:	Conservation	Intent:	Partly shaded grassland planting for native roadsides, reclamation, etc in far northwest MN			
Planting Area:	NW					
Specialization:						

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	15.92%	77.6%

Forb	Achillea millefolium	Common Yarrow	2	0.03		
	Agastache foeniculum	Blue Giant Hyssop	4.1	0.12		
	Amorpha canescens	Lead Plant	0.15	0.03		
	Anemone virginiana	Tall Thimbleweed	0.3	0.03		
	Aquilegia canadensis	Columbine	0.4	0.03		
	Artemisia ludoviciana	Prairie Sage	2.9	0.03		
	Doellingeria umbellata	Flat-topped Aster	0.8	0.03		
	Heliopsis helianthoides	Ox-eye	0.1	0.04		

	Oligoneuron rigidum	Stiff Goldenrod	0.91	0.06		
	Rosa blanda	Smooth Wild Rose	0.1	0.10		
	Rudbeckia hirta	Black-eyed Susan	10.35	0.31		
	Solidago ptarmicoides	Upland White Aster	1.3	0.06		
	Thalictrum dasycarpum	Tall Meadow-Rue	0.92	0.23		
	Zizia aurea	Golden Alexanders	0.51	0.13		
Total Guild:			24.84	1.23	35.49%	2.5%

Graminoid

	Andropogon gerardii	Big Bluestem	1.85	0.50		
	Bouteloua curtipendula	Side-oats Grama	2.2	1.00		
	Bromus ciliatus	Fringed Brome	3.04	0.83		
	Bromus kalmii	Kalm's Brome	5.88	2.00		
	Calamagrostis canadensis	Bluejoint	6.4	0.06		
	Danthonia spicata	Poverty Grass	3.46	0.38		
	Elymus canadensis	Canada Wild Rye	1.91	1.00		
	Elymus trachycaulus	Slender Wheatgrass	2.53	1.25		
	Elymus virginicus	Virginia Wild Rye	2.7	1.75		
	Schizachyrium scoparium	Little Bluestem	0.35	0.06		
	Sorghastrum nutans	Indian Grass	2.19	0.50		
Total Guild:			32.51	9.33	46.45%	19.1%

Legume

	Dalea candida	White Prairie Clover	0.4	0.06		
	Dalea purpurea	Purple Prairie Clover	1	0.18		
	Vicia americana	American Vetch	0.1	0.13		
Total Guild:			1.5	0.37	2.14%	0.8%
Total Seed Mix:			69.99	48.84		

State Mix	Woodland Edge South & West				
Function:	Conservation	Intent:	Partly shaded grassland planting for native roadsides, reclamation, etc in southern and western MN.		
Planting Area:	S & W				
Specialization:					

	Scientific Name	Common Name	Seeds/ sq ft	Rate (lb/ac)	% Mix (by sqft)	% Mix (by wt)
Cover	Avena sativa	Oats* (See Cover crop note)	11.14	37.91		
Total Guild:			11.14	37.91	18.33%	79.4%

Forb

	Achillea millefolium	Common Yarrow	2	0.03		
	Agastache foeniculum	Blue Giant Hyssop	3.2	0.10		
	Ageratina altissima	White Snakeroot	1.7	0.03		
	Heliopsis helianthoides	Ox-eye	0.3	0.13		
	Monarda fistulosa	Wild Bergamot	1.6	0.06		
	Oligoneuron rigidum	Stiff Goldenrod	0.9	0.06		
	Osmorhiza claytonii	Clayton's Sweet Cicely	0.06	0.07		
	Rosa blanda	Smooth Wild Rose	0.06	0.06		
	Rudbeckia hirta	Black-eyed Susan	6.1	0.18		
	Scrophularia lanceolata	Lance-leaved Figwort	3.2	0.05		
	Solidago flexicaulis	Zigzag Goldenrod	0.5	0.02		
	Solidago speciosa	Showy Goldenrod	1.8	0.05		
	Symphyotrichum laeve	Smooth Aster	1.3	0.06		
	Zizia aurea	Golden Alexanders	0.46	0.11		
Total Guild:			23.18	1.01	38.14%	2.1%

Graminoid

	Andropogon gerardii	Big Bluestem	3.68	1.00		
	Bouteloua curtipendula	Side-oats Grama	2.2	1.00		
	Bromus kalmii	Kalm's Brome	4.4	1.50		
	Elymus canadensis	Canada Wild Rye	2.38	1.25		
	Elymus hystrix	Bottlebrush Grass	0.88	0.32		

Elymus trachycaulus	Slender Wheatgrass	3.18	1.57
Panicum virgatum	Switchgrass	0.3	0.06
Schizachyrium scoparium	Little Bluestem	3.4	0.62
Sorghastrum nutans	Indian Grass	4.4	1.00

Total Guild:	24.82	8.31	40.84%	17.4%
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Legume

Dalea candida	White Prairie Clover	1.2	0.17
Desmodium canadense	Canada Tick Trefoil	0.29	0.14
Vicia americana	American Vetch	0.14	0.19

Total Guild:	1.63	0.50	2.68%	1.1%
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Total Seed Mix:	60.77	47.73
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