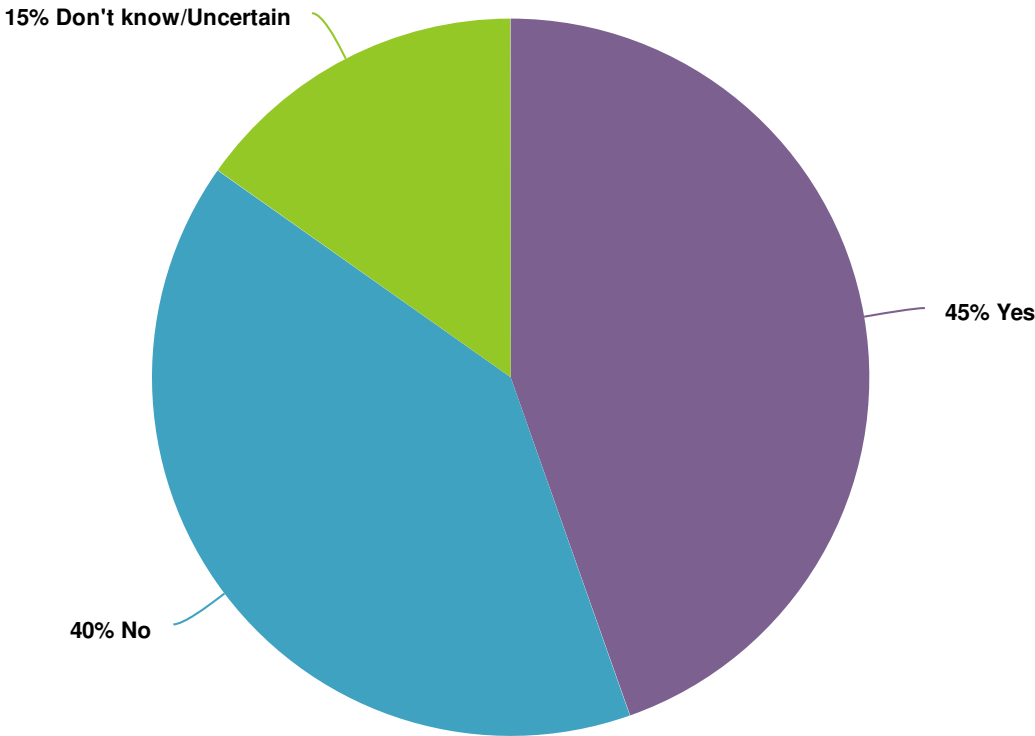


# Report for GP RED Technology in Parks and Recreation Areas

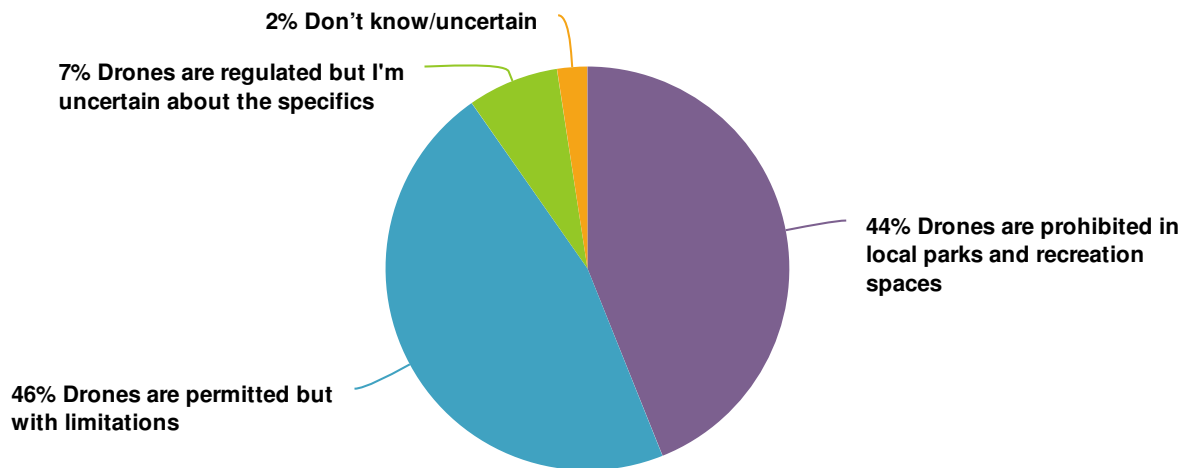
1. Based on your knowledge, has your community or agency implemented regulations or policies addressing drones (i.e. unmanned aerial vehicles) in parks or other public lands in your area?



Value	Percent	Responses
Yes	44.6%	41
No	40.2%	37
Don't know/Uncertain	15.2%	14

Totals: 92

## 2. Which best describes your local policies:

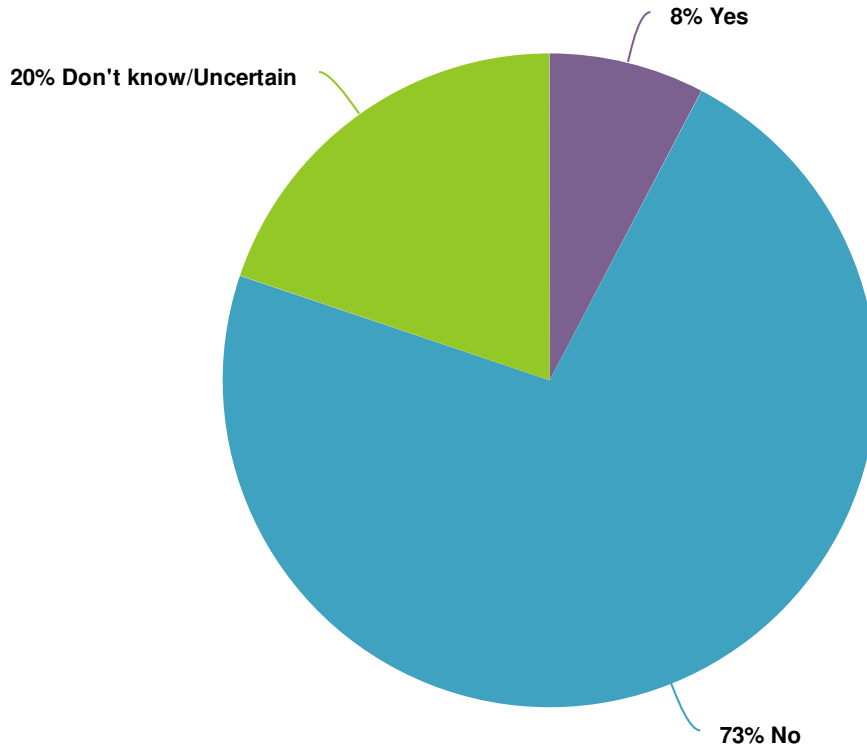


Value	Percent	Responses
Drones are prohibited in local parks and recreation spaces	43.9%	18
Drones are permitted but with limitations	46.3%	19
Drones are regulated but I'm uncertain about the specifics	7.3%	3
Don't know/uncertain	2.4%	1

Totals: 41

## 3. To your knowledge, has your community had discussions about permitting drones to race for recreational purposes in identified

restricted areas?



Value	Percent	Responses
Yes	7.7%	7
No	72.5%	66
Don't know/Uncertain	19.8%	18

Totals: 91

4. Do you have any comments on your response?



Count	Response
1	Parks are places where people of all ages abilities can come together to pursue recreational activities. The challenge for park management professionals is to cater for the recreational needs of their constituents in way where the experience of people's recreational needs is not compromised by the needs of others. Whether we like it or not drones like other emerging technologies are a sign of the times and park professionals need to be proactive to managing these changes and not place themselves in a position of responding
1	Although no written guidance preventing drone use in our Parks, we do regulate drone use at our RC field. We allow the university to fly large drones for research and aeronautical engineering purposes.
1	City council will be studying this issue in the near future to develop an updated policy.
1	Drone usage is prohibited however approval by the Parks Administrator can be given for specific reasons identified in our permit.
1	Drones are generally prohibited, but are permitted in areas set aside for model aircraft flight, or in other areas via a special use permit.
1	Drones are generally prohibited, but special use permits may be granted for some uses.
1	Drones are prohibited in county parks in our area, except under special conditions via a department issued permit.

**Count    Response**

1	Drones have been added to language addressing remote controlled aircraft, which identifies where in state parks drones can be launched and flown from within the parks.
1	Have not really thought about this issue until seeing this survey . . . my work is pretty tangential to Parks & Recreation these days.
1	Have only observed recreational use of drones in the park.
1	I feel this type of use brings in a slew of additional issues of space, safety, liability and purpose of the public organization. This feels to me more of a private enterprise segment to serve.
1	I have seen drones being operated in the local parks, but do not know what the policies of the agency are.
1	I think it takes away from the outdoor experience disrupting nature and other people recreating. It may have to fit in with a recreation opportunity spectrum
1	I work for the national cancer institute so drones haven't really come up, yet
1	I would be concerned about noise, safety and visual impacts.
1	My agency doesn't have jurisdiction for establishing policies/regulations. However, during the recent forest plan revision process in the region, there was discussion about use of drones on forest lands.
1	Our park is close to an airport so probably drone racing would be inaccessible
1	Our policy related to drones is covered under long standing established Rules and Regulations(see below). Section 5. Models No person shall engage in the use of gas- or battery-operated model aviation devices, model motor vehicles, or boats, whether radio-controlled or not, except at areas designated by the Park Commission or as authorized by a specific Park Commission permit. Section 1. Aviation No person, except in an emergency, shall launch, land, or operate any aviation apparatus within the Park System without the written authorization of the Park Commission.
1	Our policy states: No person shall fly any kite, radio controlled airplane or similar device within 100 feet of any park building or playing field in use by other patrons, nor operate such device so as to endanger any park patron or thereby encroach upon the use and enjoyment of the parks by others.
1	Planning drone policies at our agency. Regulatory law at FAA Law seems to change fast. Unaware of racing drones.

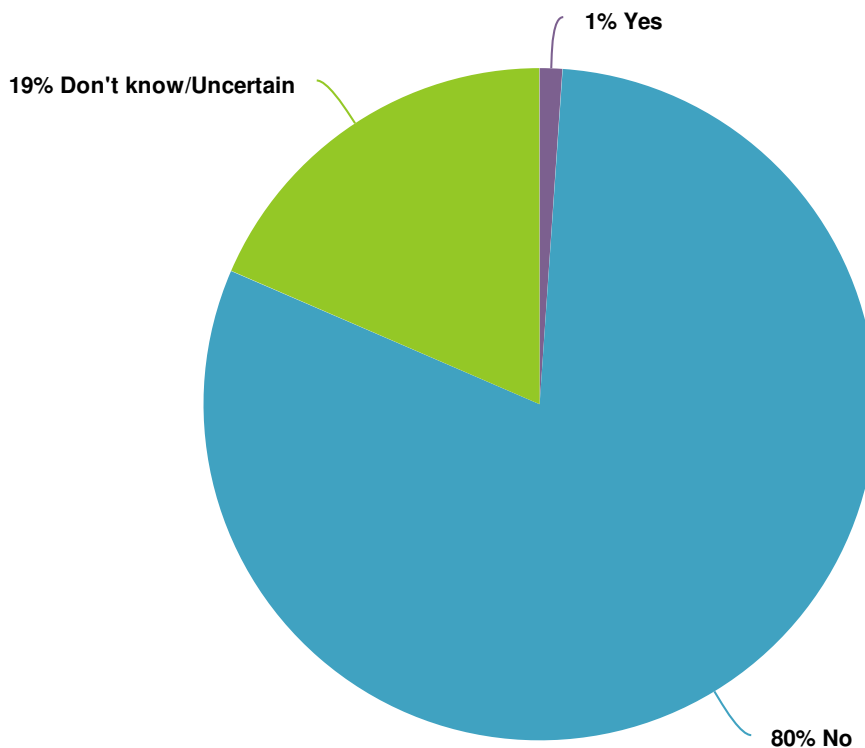
## Count Response




1	So far drone use is an individual activity however discussing their use would be appropriate for parks staff
1	Some activity took place at the University of Utah but none to our knowledge in the communities surrounding Salt Lake City
1	South San Francisco is located in proximity to SFO, so I believe that drones are prohibited outdoors in general.
1	Staff have allowed groups to lease an athletic field during non-programmed time for drone racing.
1	Staff is currently considering creation of ordinance/ policy regarding use of unmanned aerial vehicles in parks. Reviewing what's in place in the Nevada Revised Statutes (NRS).
1	The public risk and nuisance of drones is the reason they are banned in parks in this city.
1	There has been very little mention and or discussions on drones and or restrictions on them in Klickitat County, WA
1	We are home to Wright Patterson Air Force Base.....one of the largest in the country. I highly doubt our policy would change. However, I could see a "Community-wide Event" possibly occurring away from the base in the future.
1	We are open to the idea of a race if an organization wishes to rent the festival area.
1	We are very interested in this!
1	We currently do not have policies speaking to drone use, but we in the discussion stages to put one in place
1	We do allow a couple of sites for model electric aircraft with no cameras allowed. This is under permit only in restricted space and self policed by model aircraft club.
1	We have a model airplane park within our parks system and we have discussed shared use at this facility to provide for other recreational experience for drones and coordinating it with the local airport, as it is within 5 miles.
1	We have allowed Drone races in our park.
1	We have an area designated in our park where RC planes and drones are allowed to fly as long as they are going by all FAA regulations.

**Count Response**

1	We have had discussions but no formal policies in place at this time.
1	We have wooded trails that we want to develop into drone paths
1	While drones are prohibited it is generally not enforced unless there is a complaint or a potentially unsafe situation. Park staff may use drones for photo documentation.
1	no
1	the city I live in doesn't have a policy, but county prohibits them from flying in parks.
1	would be great to hear what others are doing.

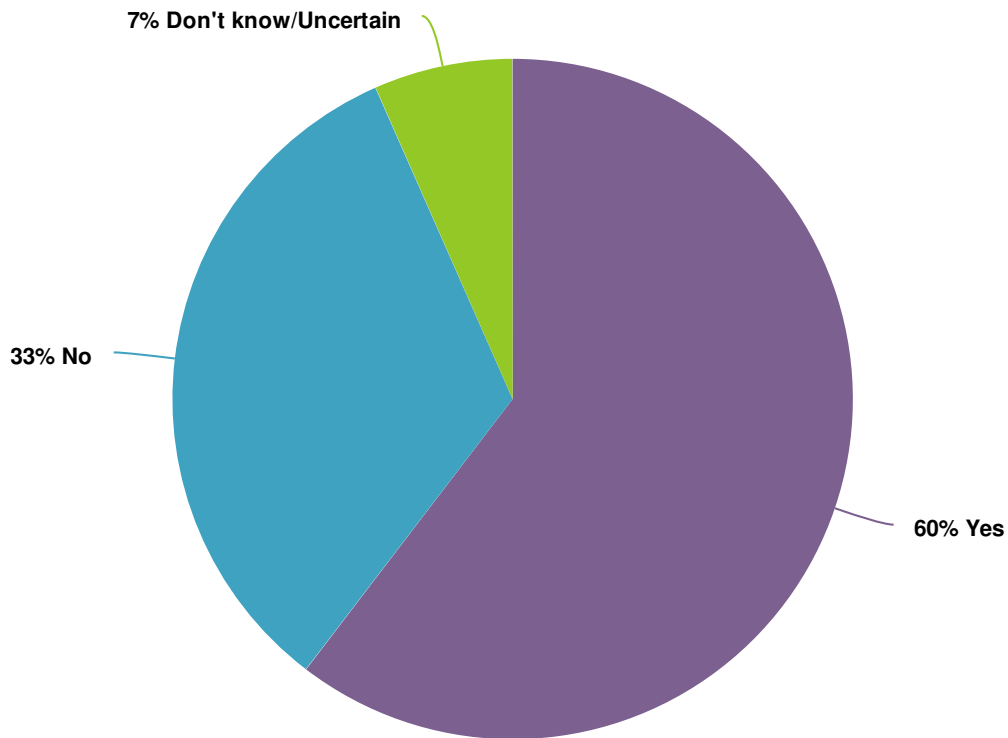
5. To your knowledge, has your community had discussions about permitting or regulating drone use indoors for recreational purposes?



Value		Percent	Responses
Yes		1.1%	1
No		80.4%	74
Don't know/Uncertain		18.5%	17

**Totals: 92**

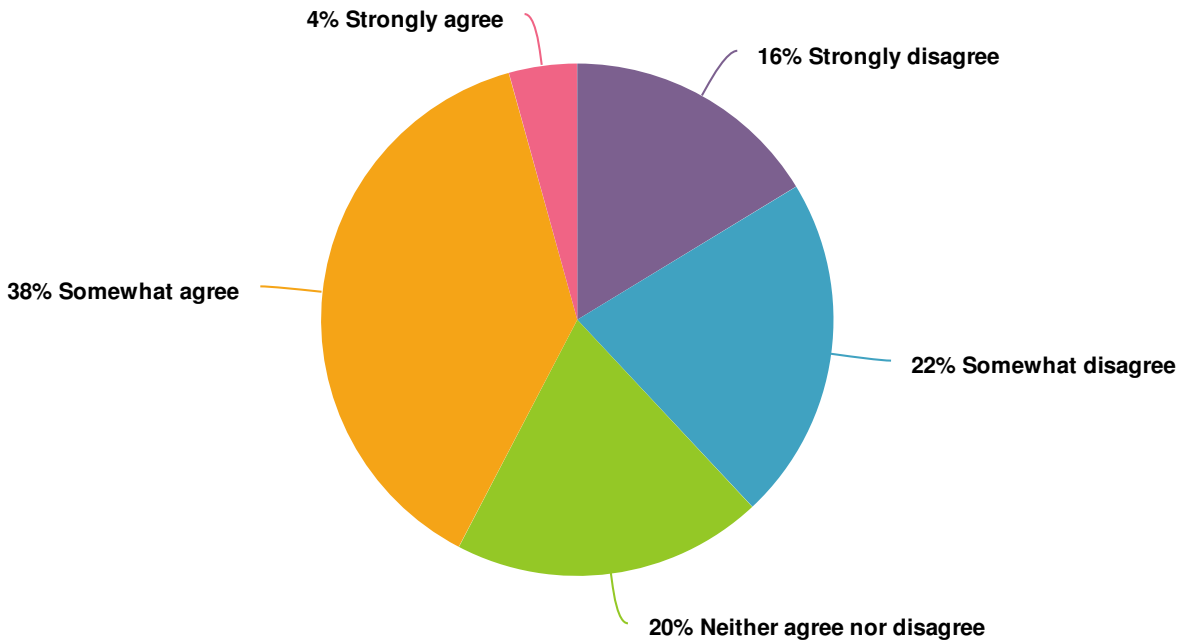
6. Are you aware of local parks and recreation agencies or firms that are using drones for work-related activities such as photography, security, or other purposes?





Value		Percent	Responses
Yes		60.4%	55
No		33.0%	30
Don't know/Uncertain		6.6%	6
			<b>Totals: 91</b>

7. Please indicate how much you agree or disagree with the following statement: The introduction of technology and new equipment/activities like drones into parks and recreation spaces enhances recreational experiences overall.



Value		Percent	Responses
Strongly disagree		16.3%	15
Somewhat disagree		21.7%	20
Neither agree nor disagree		19.6%	18
Somewhat agree		38.0%	35
Strongly agree		4.3%	4

Totals: 92

8. Do you have any further comments on the use of drones in parks and recreation settings?



Count	Response
1	As long as the Drones stay in a designated area, I have found people don't mind them. It causes problems when Drones hover over their homes invading their privacy.

## Count Response

1	As this may be true for some, I believe that the majority of those persons active in the park would not want to have them flying around over head.
1	Do not agree with the way the question is phrased. I support new technology, but not fair to lump this in with drones - two different issues. Survey seems slanted toward drones - clearly not a neutral survey. Poorly written.
1	Drones are intrusive and should fit into the events degree. The recreations opportunity spectrum addresses the degree of activity and development. If it is a highly developed area with a lot of activity, then yes maybe. Or a recreational activity that is spread out and using a drone to cover/film a race or for security reasons. It should not be used in passive recreational experiences where the expectations are for solitude, privacy and peaceful recharging. How many times have I seen a video of birds of prey taking out a drone.
1	Drones can be very beneficial to the parks and recreation industry. Public use of drones in parks continues to be a developing story and is of interest to many and in P&R field.
1	Drones in the hands of non-professional users are a menace and should not be permitted in parks. After many years of managing parks it seems to me that technology is always giving us new management challenges that we don't need. Drone operators seem to think it is ok to do their thing without any consideration of other park visitors. Although drones have a place in commercial applications letting everyone in the country have one to fly anywhere they want is a bad policy. We refer to drones as aerial ATVS, another menace that we have dealt with since they were introduced many years ago.
1	Drones should be considered no differently than "model airplanes" that have been banned from parks and school yards for decades.
1	Drones would be useful for Parks and Recreation Agencies for research and maintenance purposes for remote areas. Recreational use of drones should be regulated in public spaces including parks so they do not become a nuisance.
1	Have little experience with this issue so not sure I fully understand the application within a P & R setting.
1	I build and fly drones. Parks and Rec can only control where they take off and land. That is the power to regulate drones. If the users don't like our regulations then we have the ability to stop their use in our parks.
1	I have been considering the marketing aspect. Better views of park. We would have some residents complain about the possibility of disturbing wildlife with "drone" events.

## Count Response

1	I think drones and drone races are fine in restricted areas. however, if I am camping in a park or trying to have an outdoor experience, I don't want drones buzzing around me, photographing me, or otherwise impacting my experience of nature. It is bad enough to deal with people playing loud music in parks!!
1	I think drones are here to stay, but will evolve rapidly in terms of what they are used for and how they affect parks. Policies need to be agile and able to respond to the changing environment and needs.
1	I think it enhances the recreational experience for the owner/user much like model planes. It doesn't do much for non-users and may disrupt other activities like a tennis match in progress.
1	I think parks can be a great area for the use of drones; however, there needs to be restrictions and dedicated spaces for them.
1	I think they should be licensed if used outside of your own property lines (kind of like a hunting license?) so there is a sense of responsible use and non-interference with aircraft/user experience.
1	I'm OK with drone use in designated areas (like model airplanes or rockets), but not in park and open space settings that are intended to be serene. They can invade privacy, disturb wildlife, and generally be noisy and annoying.
1	If permitted, they should be in a very large, unused area such areas designated for model airplanes.
1	If policies, procedures and training of staff are established it seems reasonable to proceed offering opportunities. Model airplanes have all but disappeared. These hobbies are central to a "leisure" lifestyle across the age spectrum.
1	It all depends on how they are used and the potential conflicts with other recreation activities and public safety.
1	Like any new technology, it will have its benefits and costs. For an open space program there are obvious concerns about impacts to conservation values such as wildlife and the expectation of a user experience in a quiet natural area. There are also many potential benefits to our agency for monitoring resources such as growth of prairie dog towns or agricultural properties. We are just starting to engage in conversations about how to go down that road.

## Count Response

1	Like other activities, drone use can be disruptive to other parks users. It is something to be studied for use in areas with minimal conflict with other recreational users and activities.
1	Limited and targeted drone use for data collection (ex: vegetation/weed mapping; trail/social trail mapping; aerial imagery of parks) could lead to an enhanced visitor experience. Recreational drone use by the public will detract from visitor experiences in the outdoors.
1	My objection is based on the noise and potential for intruding on my privacy (in public). The noise could be resolved in the future, but that would only exacerbate the privacy issue.
1	My opinions would vary based on the technology.
1	Need for balance between intrusion and need to use the technology to help analyze conditions on the ground not able to easily access.
1	Only trained and certified law-enforcement officers in our agency are allowed to use drones at this time. Most parks here are in urban areas with high aircraft traffic and it is unlikely that drones will be unregulated or allowed in these area.
1	Our public works dept. is using drones for flood monitoring and many of our natural resource management partners are also using it for monitoring revegetation efforts.
1	People recreate in parks to enjoy the outdoors and in a natural setting. Any intrusive technology takes away that opportunity. Keep them at home or in urban settings that match their annoyance. I saw a mother pack up her children and leave an otherwise fun day at the park when a drone hovered nearby. Drones invade people's personal space and while the "pilot" may be having a good time, it ruins the experience for others. Leave them out of natural settings.
1	People should evaluate how their activities impact others rather than simply focusing on enhancing their own day.
1	Regulating where drones can fly is difficult. This effects the safety as well as the enjoyment of other park users. Drones flying low over tennis courts, trail users, pools and sports fields is annoying and potential dangerous.
1	Should not be at the expense of other park users.

## Count Response

1	The introduction of some technology like drones in select locations under specific circumstances has a great potential for enhancing recreational spaces and experiences. To generalize the appropriateness of technology like drones as the previous question does is too broad.
1	The pictures from drones are great- getting a close up aerial view can be great.
1	The potential enhancement of recreational experiences is offset by privacy and safety issues.
1	Unfortunately, drones have been mis-used in our parks in the past. (Bothering park patrons or disrupting soccer games.
1	Unlike the issues facing model airplanes, model rockets, etc. "drones" appear to be more universal in their use. More specifically, police, news organizations, construction, farming, wildlife management, etc. are using these to carry out daily business. The drone "hobbyist" does not parallel the model airplane enthusiasts. We cannot regulate everything but this is a broader public issue for elected officials to address.
1	Use of drones in public spaces often interferes with others enjoyment and use of public places, can be a safety risk and risk personal privacy. Additionally, drones can be a risk to wildlife, including disrupting breeding and rearing of young.
1	We are very interested in this!
1	What a terrible idea!
1	emerging technology/desire to be planning for.
1	finding ways to allow can promote more users.
1	i do not think drones should be allowed in parks.
1	it seems to be unavoidable that technology will creep into parks and it behooves the municipality to incorporate them appropriately.