City of Maple Ridge

COUNCIL MEETING AGENDA July 25, 2017 7:00 p.m. Council Chamber

ADDENDUM TWO

1101 REPORTS AND RECOMMENDATIONS

Parks, Recreation & Culture

Award of Contract RFP-PL17-58: Synthetic Field Design Services – Arthur Peake/Golden Ears and Telosky Stadium/Thomas Haney Secondary Sites

Staff report dated July 25, 2017 recommending that Contract RFP-PL17-58: Consulting Services for Synthetic Sports Field Design at Arthur Peake Centre/Golden Ears Elementary School and Telosky Stadium/Thomas Haney Secondary School sites be awarded to R.F. Binnie and Associates Ltd., that a contingency be established and that the Corporate Officer be authorized to execute the contract.

Checked by:	
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City of Maple Ridge

TO: Her Worship Mayor Nicole Read MEETING DATE: July 25, 2017

and Members of Council FILE NO:

FROM: Chief Administrative Officer MEETING: Council

SUBJECT: Award of Contract RFP-PL17-58: Synthetic Field Design Services –

Arthur Peake/Golden Ears and Telosky Stadium/Thomas Haney Secondary Sites

EXECUTIVE SUMMARY:

The City proposes to redevelop the existing fields at Arthur Peake Centre/Golden Ears Elementary School (APC/GEE) and Telosky Stadium/Thomas Haney Secondary School (TS/THS) sites to synthetic turf sports surfacing in order to increase field allocation for skill development, practices and games for our sports user groups who are requesting additional field time due to growth in participation. Through initial discussion, School District No. 42 Board of Education and sport groups have indicated their support of both concepts and as these initiatives are a Council priority, the development timeline for the APC/GEE synthetic sports field project is proposed for completion in time for the 2018 spring/summer sports season while the TS/THS synthetic sports field initiative will be completed as soon as possible considering the larger scope and size of this project which is anticipated to require additional time for design, tendering and construction.

Community consultation and a proposal call for design services for both synthetic field initiatives was undertaken concurrently to support these timelines. At the community open house held July 19, 2017, the TS/THS field concept was generally supported while neighbours expressed concerns on the APC/GEE field concept focused on impacts due to noise, lights, traffic, parking and loss of privacy arising from the field operations, as well as the loss of the existing grass field. Additional comments have been received questioning the health impacts of synthetic surfaces particularly for an elementary school playfield. However in 2015, Vancouver Coastal Health issued a position statement to Municipalities that "based on their review, they consider there to be no increased human health risk associated with synthetic turf fields containing crumb rubber."

A Request for Proposal (RFP) for Consulting Services for both APC/GEE and TS/THS sites was issued through BC Bid and three proposals were received. An evaluation team concluded R.F. Binnie and Associates Ltd.'s proposal for the combined projects with a fee of \$276,082.68 plus taxes as providing the best value to the City. A cost savings of \$37,476.76 is realized by combining the consulting services contract for the two projects. A contingency of approximately 15% of the total contract price, in the amount of \$40,000 is also recommended. Council approval is required to award the project to R.F. Binnie and Associates Ltd. as per the City's purchasing policy.

Further consultation with the School District, sports groups and the community through the detailed design stage is proposed to provide additional opportunity for input and resolve the issues identified.

RECOMMENDATIONS:

That Contract RFP-PL17-58: Consulting Services for Synthetic Sports Field Design at Arthur Peake Centre/Golden Ears Elementary School and Telosky Stadium/Thomas Haney Secondary School sites be awarded to R.F. Binnie and Associates Ltd. in the amount of \$276,082.68 plus taxes; and,

That a contingency of \$40,000.00 be established for this project; and further,

That the Corporate Officer be authorized to execute the contract.

DISCUSSION:

a) Background Context:

The City proposes to renovate the traditional diamond/sports field at APC/GEE and the two softball diamonds at TS/THS to provide synthetic surfaces which would better support the fall/winter sports as well as provide additional practice and game play for the spring/summer ball use. Additionally, the two traditional grass ball diamonds/sports fields at TS/THS are proposed to be lit which would increase field time. Both the Board of Education and community sport groups have expressed their support for these two initiatives.

Community consultation, as directed by Council on June 6, 2017, was undertaken to provide conceptual information and garner input from the neighbours and other interested community members. An open house, held on July 19, 2017, was attended by approximately forty residents including neighbours and sports club representatives. Feedback received to date indicates that overall, the field concept at Telosky Stadium/Thomas Haney Secondary is supported; while the APC/GEE field concept garnered both broader community support as well as concern from the APC/GEE immediate neighbours and parents. Concerns expressed on the APC/GEE concept included issues around noise, lights, traffic, parking and loss of privacy with vegetation removal that would occur with the field redevelopment and increased sports use. A few comments focused on the loss of the grass field and the opportunity for informal use after school hours. Some comments also questioned the health impacts of synthetic surfaces particularly for an elementary school playfield as a result of daily exposure. Correspondence and comment forms received to date regarding the synthetic field concept at APC/GEE are attached to this report. The presentation materials are posted on the park development webpage and interested individuals continue to have an opportunity to review the material at their leisure and provide input until August 16, 2017.

The development timeline for the Arthur Peake Centre/Golden Ears synthetic sports field project is targeted for completion in time for the 2018 spring/summer sports season while the Telosky Stadium/Thomas Haney Secondary School site synthetic sports field project will be completed as soon as possible considering the larger scope and size of this project which is anticipated to require more time for design, tendering and construction. Consulting services, including site investigation and detailed design need to advance to meet this schedule.

b) Desired Outcome:

To obtain Council approval to award the contract so the design work can advance to support the proposed development timeline.

c) Strategic Alignment:

These synthetic field initiatives, one of a number of Council's current infrastructure priorities, will add allocation for both practice and game play for our sports user groups who have been requesting additional field time due to growth in participation.

d) Citizen/Customer Implications:

Sports user groups will benefit from the provision of increased field capacity in the short term. Providing synthetic sport surfaces enables additional game play with fewer closures due to fall/winter weather conditions which do not support natural turf growth.

The City will work with Binnie to determine the best design, synthetic surface product and construction methods with cost, playability, and durability as primary considerations. The design process will include additional consultation with the sports user groups, School District No. 42 and neighbours to obtain feedback and share information on minimizing impacts to neighbours from traffic, noise and light generated by field operations.

e) Interdepartmental Implications:

Engineering Department staff will be consulted during the detailed design process to ensure site servicing is to City standards.

f) Business Plan/Financial Implications:

Council approved the Albion Sports Complex synthetic field redevelopment capital funds of \$3,000,000 to be reallocated to AP/GEE field initiative and approved borrowing for the TS/THS field initiative costs. Council has directed staff to advance the design for these two synthetic initiatives, with the TS/THS design work expedited in advance of the borrowing bylaw, so that the projects can be completed in a timely manner. Design costs for TS/THS will be covered by existing reserves.

Development Cost Charges (DCC) are not an eligible funding source.

g) Alternatives:

Council could choose to not develop a synthetic field at Arthur Peake Centre/Golden Ears Elementary School; however this is not recommended as only one synthetic field, the Karina LeBlanc field, would be delivered in advance of the 2018 spring/summer sports season.

CONCLUSIONS:

The proposed synthetic field redevelopment at both Arthur Peake/Golden Ears Elementary and Telosky Stadium/Thomas Haney Secondary sites is needed to deliver fields to the community in the short term. While the TS/THS field concept was generally supported, the APC/GEE field concept received neighbour input expressing concerns over noise, traffic, sport field lighting, loss of privacy, and loss of informal use of the existing grass field. Staff will work with the School District and neighbours to address concerns through the design process. Staff is satisfied with the proposal submissions and recommend that both projects proceed to enable the sports fields to be delivered on time.

"Original signed by Valoree Richmond"

Prepared by: Valoree Richmond, Manager Parks Planning & Operations

"Original signed by David Boag"

Reviewed by: David Boag, Director Parks & Facilities

"Original signed by CK Lee for Trevor Thompson"

Reviewed by: Trevor Thompson, Manager, Financial Planning

"Original signed by Kelly Swift"

Approved by: Kelly Swift, General Manager: Parks, Recreation & Culture

"Original signed by E.C. Swabey"

Concurrence: E.C. Swabey

Chief Administrative Officer

vr:

Attachments: APC/GEE Field Concept Open House comment forms and emails

From:

Sent:

Tuesday, July 18, 2017 3:02 PM

To:

Parks Recreation and Culture; Valoree Richmond; Chad Neufeld

Cc:

Kelly Swift; David Boag; Nicole Read

Subject:

Arthur Peake / Golden Ears - Concept Plan Objections

Hi

I have been reviewing the Park Development projects on the website, and have strong objection to the Arthur Peake / Golden Ears soccer field. The other projects are very good.

I have lived at reet for 15 years, and have raised 3 boys there. I am a strong supporter of minor sports, with both my wife and I volunteering a lot of our time to community associations.

The updates to Thomas Haney area will be welcomed I believe. The location of these fields have very little impact to any of the surrounding neighborhoods, as this area is isolated very well. Seems like a good choice for updates as listed.

The Arthur Peake / Golden Ears location is not suited for a lit soccer field. It is surrounded by houses of an older quiet and peaceful residential neighborhood which should be protected and maintained. The school property itself has historically hosted elementary school events, and occasional young baseball teams, but not organized sporting events such as soccer. These activities are consistent with the residential nature of the setting, and has been conducted for decades without serious complaint or hindrance. Bright lights and loud noises associated with organized sporting events should not be introduced to this location. In the evening, this area is quiet and dark, and should remain this way.

The Golden Ears field has been an important part of our neighborhood. Having a field like this provides an area for kids to play and learn sports, outside of organized sports. All my boys learned to throw a football, throw a baseball, swing a bat, and just run around on this field. I see young kids enjoying this field daily. Having areas like this is very important to the community, especially for children not able to be involved with organized sports. The planned soccer field would significantly reduce the space available for highly valued unorganized fun.

Compared to other soccer fields, it appears this field will be located much closed to the residences then is typically the case. From the concept diagram, it seems the edge of the soccer field would be only about 12 meters away from the property lines of the surrounding houses. This seems very unacceptable.

I believe building a lit soccer field behind all these backyards would have a significant negative impact on the value of these properties. Has an assessment been done on this with the results available to review? I would hope this was an important part of the feasibility stage of this project.

In summary, this project would unduly degrade the neighborhood character and quality of life.

- Provide light and noise pollution to a quiet neighborhood. Not acceptable.
- Reduce space available for kids to play at a popular field. Not acceptable.
- Cause a significant reduction in the value of properties backing on to this area. Not acceptable.
- Is located extremely close to property lines, and does not have the space available for such a field.

Surely there are better locations for such a soccer field.

I will do my best to make it to the open house on Wednesday.

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From:

Sent:

Tuesday, July 25, 2017 8:22 AM

To:

Valoree Richmond

Subject:

Artificial Turf at Golden Ears Elementry

Hi there.

In the local paper last week there was an announcement that Golden Ears Elementary will be getting artificial Turf in their field. Well this is extremely concerning to me as a parent of one and soon to be two children that attend this school. my grave concern that artificial turf causes CANCER in children. As to my knowledge the artificial turf amongst other things is made up of recycled and ground up tires hence the little black dots. These tires contains formaldehyde, benzene, asbestos and other toxic chemicals. These little black dots get all over the children, their clothes, skin and are inhaled. I'm hoping that the production practices have changed with the increase in knowledge however I will need to see some information regarding this issue. Please get back to me regarding this as possible. I will be contacting others regarding this as well as sending out information to other parents whose children attend this school. Thank you

Sent fi

From:

Sent:

Friday, July 14, 2017 5:14 PM

To:

Chad Neufeld; Valoree Richmond

Subject:

Proposed Park - Arthur Peake and Thomas Haney

Hi

I could not make the meeting as i was working and wanted to make a request to the purposed parks. I think the conceptual plans are great for our community in East Maple Ridge and i am looking forward to the new changes.

Growing up in Maple Ridge, i played a lot of outdoor basketball. It kept me out of trouble and was a great source of exercise. I am now 40 yrs of age and still play pick up indoor basketball in Vancouver. I have 2 young sons and i noticed the generations have changed as all the basketball courts in Maple Ridge are vacant and unused. The standard court i grew accustomed too is the metal white backboard with a double rim. Playing on these hoops does not replicate indoor basketball, and is an entirely different feel. It becomes a lot harder to shoot the ball as most of those courts are deserted.

I noticed in other cities, and municipalities they have cutting edge courts that are being used. I see teams lined up to play next and competitive or recreational basketball players flock to these types of courts. Example, I play outdoors at times with my sons at Langley event center. They have Glass backboards, the hoops are official and gives you the indoor feel of a standard hoop. Iv seen other courts like this in Vancouver and Richmond. On the contrary more and more older style courts are being abandoned.

I am requesting if you can consider placing an upgraded current basketball court with glass backboard. I promise you, kids will play on it dawn to dusk. There inst one in town like this and persons like myself are driving to other municipalities just to shoot some hoops. If a full court does not work, even a half court would be greatly greatly appreciated.

Thank you for your consideration.

Chad Neufeld	CONTRACTOR OF THE PROPERTY OF
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From:

Sent: Wednesday, July 19, 2017 12:07 PM **To:** Chad Neufeld; Valoree Richmond

Subject:

Re: Proposed Arther Peak/Golden Ears/Thomas Haney Synthetic Fields.

I realize I put 117 instead of 116 street with the suggestion of the three way stop! See amended copy below.

From Sent To: © Subj

Good Morni

My name is hue. We have lived here

for 22 years and nave seen the many changes of our neighbourhood. Both my children went to Golden Ears Elementary. We are two driveways from Golden Ears school and struggle daily with the parking issues regarding our driveway on 117 Avenue and the picking up and dropping off of children for school and activities at both schools.

Let me start by saying we are in FULL SUPPORT of the upgrades to the fields at Golden Ears and Thomas Haney schools, providing there are some upgrades to the streets and parking around the neighbourhood.

As you well know there is LITTLE TO NO legal parking on 230 B and 231 Streets. Most of the driveways are so close together that there is not enough space to legally park in between them. Also the majority of homes now are no longer single family dwellings, and have suites so there are extra cars to park. This effects the people that live here and the people that are trying to pick up their children at events at both Thomas Haney and Golden Ears schools.

I have a few suggestions that I feel will <u>make this project a success</u> for all of us who use the schools and live here.

- 1: <u>Three way stop at the corner of 230B Street and 116 Avenue:</u> This is because you cannot turn off 230 B when there is anything going on at Thomas Haney as it is the entrance to their school parking lot at 230B Street. This is a simple fix and will slow the traffic down on 116. It will make it safer for the children to use the crosswalk at the driveway across 116 Avenue. With the added parking and events at Arthur Peak this will help the flow of traffic along 116 immensely.
- 2: <u>Traffic Circle at the corner of 230B Street and 117 Avenue:</u> As the city and police know the speed and amount of traffic down 230B Street and 117 Avenue onto 231 Street has increased tenfold with the growing of our neighbourhood. We have been asking for something to be done near Golden Ears school for 20 years. We have seen many many accidents at this corner including at least two pedestrians being hit in front of our home! A traffic circle like what has now been placed in front of Kanaka Creek Elementary, and Maple Ridge Secondary Schools would help so much to slow down traffic zooming mostly in mini vans to pick up their kids at Golden Ears... yes the late moms are one of the biggest component to this problem! A traffic circle here

would be so much better as you cannot see what is coming down 117 and the majority of cars coming north up 230B Street either do not stop or do a half stop around the corner onto 117 anyway!

3: *Pick up lane at Golden Ears Elementary:* Having a driveway next to a school is no fun thing. Parents do not follow any sorts of parking rules and leave their cars in front of your drive way constantly. They park in the cross walk and in front of the fire hydrants. It is VERY unsafe for students.

When all the construction is happening at the school field if a DROP OFF/PICK UP, NO PARKING Iane is put in near the corner of 231 and 117 where there is currently an UNUSED parking lot anyway going slightly towards the front of the school parallel to 231 Street. This would make a safe place for parents to pick up and drop off and would not change any of the LEGAL parking spaces that are currently available!!! It would also make the cross walk there much safer as parents are currently blocking it with their cars every day, twice a day. This pick up lane would help the continued blockage of our neighbouring driveways. I realize that you are proposing 76 parking spaces at Arthur Peak and presume that you feel that this will be the entrance to the new field, however parents will still access it from 117 and 231 at Golden Ears school, and parking will now become a more constant issue at more times of each day.

4: Signage and curb painting for no parking: Of course we already have some no parking signs, that are not followed. Maybe increased signage and yellow paint in no parking curb areas might assist people to realize where they cannot park in front of driveways and fire hydrants on 117 Avenue.

I sincerely hope that these parking issues will be addressed, as we welcome these improvements to our fields for the growth and improvement of our neighbourhood!

From:

Sent:

Thursday, July 20, 2017 9:13 PM

To:

Chad Neufeld

Subject:

RE: Proposed Synthetic Fields

Attachments:

Artificial Turf.pdf

To Whom it May Concern,

Please find attached our feed back concerning the synthetic field developments at THSS/Telosy and at Golden Ears Elementary /Arthur Peake.

Our address is

t. We can be contacted at this e-mail. Please let me know if you have any difficulty opening

the links as I have sent the document as a .PDF.

Regards.

RE: Arthur Peake/Golden Ears Elementary / THSS Telosky *PROPOSED* Synthetic Fields

I would like to preface our feedback by explaining why we have elected not to use the comment form that was provided at the "open house" at THSS on July 19. This form was designed in a biased and presumptive manner. It begins by indicating that this is part of a "consultative process" but everything at the presentation and on the form was indicative that this entire development was a *fait accompli* and the "consultation" was simply to get input on the finishing touches. The first question on the form: "What do you like about the Authur Peake/Golden Ears Synthetic Field concept?" exemplifies this perception. This form carries inherent bias- implying that the people in the community being affected by this development already approve of the idea. The second question refers to input regarding how the concept can be improved – again, assuming that there is acceptance and support for the project in the first place. At the most fundamental level- this is not consultation.

Concerns:

1. Lack of consultation:

It appears from my discussions with stakeholders and the representatives at the open house that this "proposal" is not a proposal at all- that the community is simply being told that the synthetic fields are going to be installed.

As a THSS teacher, the first I heard of this project was from one of our Physical Education teachers who had been told that it was being done—no consultation or input from the school's PE teaching staff ever occurred. As the parent of a THSS student who is part of the student council- and a Golden ears student, the student bodies were also, to the best of my knowledge, not consulted nor were they part of this process. As parents of students at both schools, we were given no opportunity to voice our concerns.

While handouts were distributed in the adjoining neighbourhood, this to was done long after extensive development planning had been completed.

At the open house, as I suspected, it appeared the special interests groups, were the ones who had the inside track on this project- those who had the most to gain- and no discussion with those who would be negatively impacted.

2. Impact on the neighbourhood:

The plan to install a lighted synthetic field at Golden Ears Elementary will have a significant impact on the homes which back on and face the school field. The removal of trees on the Arthur Peake site will significantly impact the privacy of these homes and the field itself will have a detrimental effect on the value of these properties. The installation of the Golden Ears field (which is being installed to service the needs to community soccer clubs) will increase traffic, decrease street parking (the limited parking that will be created will not be sufficient to service the maelstrom of traffic that these fields invite—as evidenced by the SRT situation), increase noise that will extend well into the evening, and the effects of the lighting on the homes in the immediate vicinity is self evident. One representative at the open house indicated that they would be using LED's. Far from being a "selling point" (no doubt because they are more energy efficient) the use of LEDs in both sports facilities and for street lighting is coming under fire from the medical community: http://www.cnn.com/2016/06/21/health/led-streetlights-

ama/index.html . Further condemnation of the use of LED lighting in public places can be found at: http://www.ledsmagazine.com/articles/2010/11/light-and-human-health-led-risks-highlighted.html

LED sports lighting emit a cold white light proven to affect people's circadian rhythm resulting in sleep loss, this could have a direct health consequence to people who live in the neigbourhood extending beyond the obvious aesthetic distraction. It is one thing to purchase a home in a neighbourhood knowing there is a lighted sports field there- it is quite another to retro-fit such a complex into an established neighbourhood.

Impact on Students:

*As noted above, as the parent of a student at both schools, neither of my children were consulted nor was the proposal discussed in an UNBIASED manner with the students. Without their field, the school grounds of Golden Ears will be greatly restricted. Installation of a synthetic surface curtails the multi purpose use of the space and restricts the use of their field for any activities after 4:00 PM. This is a LOSS of use not a gain.

*There has been a plethora of research conducted on the safety of synthetic surfaces. These concerns find their way to the apex of the athletic world–perhaps best evidenced most recently when FIFA Women were forced to play on synthetic surfaces while their male counterparts simply do NOT play soccer on synthetic surfaces. Megan Rapinoe, US FIFA player—who was part of the protest against the women having to play on synthetic surfaces wrote, "Sydney Leroux [teammate] has in fact posted numerous photos of injuries to her body from playing on artificial turf, and the cuts, bruises and burns look horrific." (https://www.theglobeandmail.com/sports/soccer/john-doyle-the-insult-ofartificial-turf-at-the-womens-world-cup/article24735739/) These are many studies that indicate that the harder synthetic surfaces result in more serious injuries- "The entire English Premier League reverted to grass in 1994. And in 1996, an Icelandic study showed that "more injuries occurred on artificial turf than on grass or gravel." (http://sportswithoutinjury.com/truth-artificial-turf-injuries/). A detailed study surveyed players from six MLS teams (https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4108054/) concluded that, "The majority (93% and 95%) of the players reported that playing surface type and quality influenced the risk of sustaining an injury. Players believed that playing and training on FT [synthetic surfaces] increased the risk of sustaining a noncontact injury as opposed to a contact injury. The players identified three surface related risk factors on FT, which they related to injuries and greater recovery times: 1) Greater surface stiffness 2) Greater surface friction 3) Larger metabolic cost to playing on artificial grounds. Overall, 94% of the players chose FT as the surface most likely to increase the risk of sustaining an injury." Injuries for other sports, including football and rugby, experienced even greater statistical incidence of injuries playing on synthetic surfaces as opposed to NG. Note that this is in reference to the most recent incarnation of synthetic surfaces.

* Artificial Turf and cancer- there have been many cries of a connection between cancer and artificial turf- but many of these were based on hearsay, suspicion or were simply inconclusive. That was until 2016 when, "Samples of the crumb – pellets spread on the artificial turf to improve its bounce – were sent for testing by the Environment Scientifics Group, and the results were passed to Professor Andrew Watterson, an environmental health expert from the University of Stirling. Watterson was quoted as saying: 'This

report confirms and reveals the presence of a number of carcinogens at various levels in the rubber crumb. If the chemicals and metals remain locked in to the crumb, then there will be no exposure. However, it seems to be fairly clear that there may be some potential risk from some of these substances to sports people.'"

(https://www.forbes.com/sites/mikeozanian/2016/03/28/professor-identifies-cancer-causing-chemicals-in-artificial-turf/#28cde73f7bf3)

His findings resulted in concerns that were significant enough that in February of 2016, three US government agencies (Environmental Protection Agency, the Consumer Product Safety Commission and the Centers for Disease Control) decided there was enough evidence to launch a major joint study. The preliminary status of this research is available at https://www.epa.gov/sites/production/files/2016-

12/documents/federal research action plan on recycled tire crumb used on playing fields and playgrounds status report.pdf

This investigation is still underway and until such time as their research is complete, while I permit my child to play soccer with his community team occasionally using the artificial surface at SRT, having a synthetic field installed at his elementary school exponentially increases exposure to these potential carcinogens. Additionally, there have been several conclusive studies that indicate the presence of *Staphylococcus aureus* living on artificial turf surfaces.

* Environmental Impact

The widespread concern about the environmental impact of synthetic sports surfaces has been ongoing for decades and has generated hundreds of studies with concerns for contamination of off flow water (note the riparian conservation area at 116th and 232), off gassing from rubber compounds, the presence of *taphylococcus aureus* on the turf surfaces, bio-accessibility of toxic compounds found in the rubber crumble and many additional concerns. The following link accesses only a few of the university studies connected to health and environmental risks associated with artificial turf surfaces: http://plantscience.psu.edu/research/centers/ssrc/research/synthetic-turf-health

Health and Environmental Impacts

Penn State Studies

Year	Authors	Title	Link
2012	McNitt and Petrunak	Evaluation of the efficacy of Ultraviolet-C light to eliminate <i>Staphylococcus aureus</i> from infilled synthetic turf surfaces	Read It Here
2011	Serensits et al.	Human health issues on synthetic turf in the USA	Read It Here
2009	McNitt et al.	Survival of Staphylococcus aureus on synthetic turf	Read It Here
2008	McNitt et al.	A Survey for the Presence of <i>Staphylococcus aureus</i> in the Infill Media of Synthetic Turf	Read It Here
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Scientific Journal Articles

2015	Selbes et al.	Leaching of DOC, DN, and inorganic constituents from scrap tires	Read It Here
2014	Cheng et al.	Environmental and health impacts of artificial turf: a review	Read It Here
2013	Kruger et al.	New approach to the ecotoxicological risk assessment of artificial outdoor sporting grounds	Read It Here
2013	Pavilonis et al.	Bioaccessibility and risk exposure to metals and SVOCs in artificial turf field fill materials and fibers	Read It Here
2013	Schiliro et al.	Artificial turf football fields: environmental and mutagenicity assessment	Read It Here
2013	Ruffino et al.	Environmental-sanitary risk analysis procedure applied to artificial turf sports fields	Read It Here
2012	Rhodes et al.	Zinc leaching from tire crumb rubber	Read It Here
2012	Kim et al.	Health risk assessment of lead ingestion exposure by particle sizes in crumb rubber on artificial turf considering bioavailability	Read It Here
2011	Ginsberg et al.	Benzothiazole toxicity assessment in support of synthetic turf field human health risk assessment	Read It Here
2011	Menichini et al.	Artificial-turf playing fields: contents of metals, PAHs, PCBs, PCDDs and PCDFs, inhalation exposure to PAHs and related preliminary risk assessment	Read It Here
2011	Ginsberg et al.	Human health risk assessment of synthetic turf fields based upon investigation of five fields in Connecticut	Read It Here
2011	Simcox et al.	Synthetic turf field investigation in Connecticut	<u>Read It</u> <u>Here</u>
2010	Li et al.	Characterization of substances released from crumb rubber material used on artificial turf fields	Read It Here
2010	Van Rooij and Jongeneelen	Hydroxypyrene in urine of football players after playing on artificial sports fields with tire crumb infill	Read It Here
2009	Bocca et al.	Metals contained and leached from rubber granulates used in synthetic turf areas	Read It Here
2008	Zhang et al.	Hazardous chemicals in synthetic turf materials and their bioaccessibility in digestive fluids	<u>Read It</u> <u>Here</u>
2003	Birkholz et al.	Toxicological evaluation for the hazard assessment of tire crumb for use in public playgrounds	Read It Here

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U.S. Consumer Products Safety Commission

2010 The Connecticut

Year Author 2008 CPSC	CPSC staff analy blades"		Link Read It Here
U.S. Army I	Public Health Co	ommand	
Year Author	s	Title	Link
2010 U.S. Arr Comma	my Public Health nd	Guidance on lead in artificial turf including child care centers	Read It Here
U.S. Enviro	nmental Protect	ion Agency	
Year Authors	S	Title	Link
2009 EPA	A scoping-level fand playgrounds	field monitoring study of synthetic turf fields	Read It Here
Washington	State Study		
Year Authors	S	Title	Link
2017 Washing Departm	gton State nent of Health	Investigation of reported cancer among soccer players in Washington State	Read It Here
Connecticut	Studies		
Year Authors	S	Title	Link
	cicut Department c Health	FACT SHEET - The CT DPH risk assessme of artificial turf fields	nt <u>Read It</u> <u>Here</u>
/11111	nent of Energy and mental Protection	Result of state artificial turf field study: no elevated health risk	<u>Read It</u> <u>Here</u>
The Cor 2010 of Scien Enginee	ce and	Committee report: peer review of an evaluat of the health and environmental impacts associated with synthetic turf playing fields	ion <u>Read It</u> <u>Here</u>
	nnecticut zural Experiment	2009 study of crumb rubber derived from recycled tires – final report	Read It Here

Artificial turf study - leachate and stormwater Read It

	Department of Environmental Protection	characteristics - final report	<u>Here</u>
2010	The Connecticut Department of Public Health	Human health risk assessment of artificial turf fields based upon results from five fields in Connecticut	Read It Here
2010	University of Connecticut Health Center	Artificial turf field investigation in Connecticut - final report	Read It Here

New York Studies

Year	Authors	Title	Link
2009	New York City Department of Health and Mental Hygiene	Air quality survey of synthetic turf fields containing crumb rubber infill	Read It Here
2009	New York City Department of Parks and Recreation	Synthetic turf lead results	Read It Here
2008	New York City Department of Health and Mental Hygiene	A review of the potential health and safety risks from synthetic turf fields containing crumb rubber infill	Read It Here
2008	New York State Department of Health	FACT SHEET: Crumb-Rubber Infilled Synthetic Turf Athletic Fields	Read It Here

California Studies

Year	Authors	Title	Link
2010	California Department of Resources Recycling and Recovery	Safety study of artificial turf containing crumb rubber infill made from recycled tires: measurements of chemicals and particulates in the air, bacteria in the turf, and skin abrasions caused by contact with the surface	Read It Here
2009	California Office of Environmental Health Hazard Assessment	Chemicals and particulates in the air above the new generation of artificial turf playing fields, and artificial turf as a risk factor for infection by methicillin-resistant Staphylococcus Aureus (MRSA). Literature review and data gap analysis	Read It Here
2007	California Office of Environmental Health Hazard Assessment	Evaluation of health effects of recycles waste tires in playground and track products	<u>Read</u> <u>It</u> <u>Here</u>

New Jersey Studies

Year Authors	Title	Link
2011 UMDNJ-EOHSI	Crumb infill characterization for trace elements and organic materials	Read It Here
State of New Jersey 2008 Department of Health and Senior Services	Update: New Jersey investigation of artificial turf and human health concerns	Read It Here
2007 New Jersey Department of Environmental Protection	Preliminary assessment of the toxicity from exposure to crumb rubber: its uses in playgrounds and artificial turf playing fields	Read It Here

International Studies

Year	Authors	Title	Link
2017	Dutch National Institute of Public Health and the Environment	Evaluation of health risks of playing sports on synthetic turf pitches with rubber granulate	Read It Here
2007	Intron	Environmental and health risks of rubber infill. Rubber crumb from car tyres as infill on synthetic turf	Read It Here
2006	Norwegian Pollution Control Authority	Measurement of air pollution in indoor artificial turf halls	<u>Read It</u> <u>Here</u>
2006	IBV	Study of incidence of recycled rubber from tyres in environment and human health	Read It Here
2006	Norwegian Institute of Public Health and the Radium Hospital	Artificial turf pitches – an assessment of the human health risks for football players	Read It Here
2006	Norwegian Building Research Institute	Potential health and environmental effects linked to artificial turf systems – Final Report	Read It Here

In conclusion, it seems as though the needs of special interests groups who will directly benefit from the creation of these artificial fields have been the ones whose voices have been heard. It is my understanding that there was originally a proposal to install these playing surfaces at the existing sports complex in Albion but that this was rejected because of a lack of parking. Even with the addition of some parking spaces at the Arthur Peake site- these developments seems to largely be predicated on the assumption of using THSS parking (which was already reduced by the construction of the skate park). Use of the parking areas at THSS after "traditional" school hours will be impacted by this project. This is parking that is needed for theatre productions, basketball tournaments,

open houses, game nights, band concerts, the craft fair and many other school based events.

It appears as though the students, staff and parents at THSS and GEE have had no voice in this plan nor the opportunity to be made aware of some of the potential detrimental effects and repercussions of these playing surfaces. It also appears as though none of this information was made known to the people in the adjoining neighbourhoods. This information was presented as though the entire project is a done deal.

As the parent of a child who has been involved in community soccer for many years, I appreciate the need for more playing fields. I appreciate that our climate can be a challenge (though the SRT field seems to have been closed due to snow and surface water nearly as often as the NG surfaces). Yet I also realize that soccer is not the only game in town, that our playing fields needs to address the needs of the community as a whole.

What long term study has been done on the maintenance and upkeep of these installations? The money to install them may be there now, and we were told that the city (as in my taxes) would be paying to maintain them- but who will paying for the eventual replacement? Does the city have a synthetic turf specialist? The surface hardness (g-max) needs to be tested to maintain a surface hardness of less than 200 g-max. The turf infill needs to be measured and maintained monthly, the turf should be brushed every 3-4 weeks using specially designed equipment (do we even own this equipment?). https://web.usafootball.com/blogs/americas-game/post/8883/a-checklist-for-synthetic-turf-fields-best-management-practices Failing to maintain the surface results in higher incidence if injuries and shorter lifespan of the surface.

Furthermore, I believe that we need to carefully examine the health, safety and environmental concerns that are associated with artificial playing surfaces, to consider the effects that this project will have on the immediate stakeholders, and to objectively weigh the pro's and con's in an unbiased manner.

Sincerely,

From:

Sent:

Friday, July 21, 2017 7:12 AM

To:

Chad Neufeld

Subject:

Arthur Peake Centre/Golden Ears Elementary Proposal

Hi there,

I attended the open house on July 19 for this proposal.

I was informed at the open house that if this plan goes through the construction would begin in October. However, my one simple question was this: Can the kids at Golden Ears Elementary play on the artificial turf

during school hours? The answer I received was maybe. I've shared this information with other parents, neighbours and friends.

How can we offer insightful feedback or suggestions when we don't have solid information to go on.

Are you able to answer this question with a definite yes or no?

Thank you

Chad Neufeld	
From:	
Sent:	Saturday, July 22, 2017 1:36 PM
To:	Chad Neufeld
Subject:	pposed Arthur Peace Centre Synthetic Fields
Hi Chad	
I'm a resident of:	. From the looks of the proposed layout of the sports field I'm going to be directly
vacation).	the field. I've got a couple of questions as I wasn't able to attend the open house (away on
	night? What hours of the day will the park be lit?
2. Are you or your lighting lights will be directed tow	g Designers able to send me how bright the lights will be from my back porch and how the vards my house?
I realize you have a genera for specifically my house.	al description of the lighting set up on the MR web page but I'm hoping to get some actual data
Can you get this info back	to me this week?
Thanks again	

From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 8:04 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Pl

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

Nothing.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Remove the Arthur Peake building and move the field more down that end. Or, relocate the whole thing to Ridge Meadows College building. That field doesn't serve the school any purpose.

Do you have any other comments to share?

I'm very annoyed about this proposal for 2 reasons: 1) Currently Golden Ears Elementary has close to 500 kids, and it's growing. To remove 2/3 of the playing field has to be the most ridiculous idea ever. My kids go to this school and I'm an active parent within the school. GE has a great playground, however, most kids using it are from Kindergarten to grade 4ish. The intermediate kids are not using the playground, they're on the field playing soccer, usually at least 2 games going on. Primary and intermediate will each have a game. How about kids in general just running and playing. This space will be gone. 2) I feel this proposal was done in a very underhanded way. The poster was put up after school closed for the summer. Through word of mouth I also found out that the school board was aware of this proposal before the end of the school year. Yet, the parents of the school heard nothing about it. The process seems very deceitful.

How did you hear about this project/the open house?

Other

From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 12:09 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Plea

Name

Address

What do you like about the Arthur Peake/Golden

to play year round.

Ears concept?

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

seating around would be good for parents - benches,

That it will allow the Golden Ears and local children somewhere

bleachers, covered would be preferred.

Do you have any other comments to share?

It's a great investment in our local community

How did you hear about this project/the open house?

Social media

Thank you!

Please note, all comments received in response to this consultation will become part of the public record which include the submission being made available for public inspection at Maple Ridge City Hall as required. Personal information collected on this form is for the sole purpose of providing input to the Parks, Recreation & Culture Department pursuant to Section 26(c) of the Freedom of Information and Protection of Privacy Act. If you have questions about the collection, use or disclosure of your personal information, please contact Laurie Darcus, Head, Freedom of Information and Protection of Privacy at ldarcus@mapleridge.ca or 604-467-7482.

From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 3:31 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of feedback. P

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

upgraded field and lighting. new types of LED lights parking and entrance off 116

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

You need to address the parking at Golden Ears end of the field because even with the parking at Arthur Peak, people will access from 231 street at Golden Ears. There are huge parking issues on 230 B and 117 and 231 already with just having the school. The increased traffic that the year round synthetic field will bring needs to be addressed in this phase of the plan. 3 way stop at 230B Street and 116 Avenue to slow traffic and stop congestion off 230B Traffic circle at 230B Street and 117 Avenue to stop people from running the stop sign at 230B and 117 Avenue and make it safe for students and pedestrians slowing down the traffic on 117 Ave onto 231 street Pick up/Drop off lane at Golden Ears to address the consistent congestion and people parking illegally at Golden Ears use existing land and parking lot that are not used to achieve this Paint curbs yellow and put up more signs on 230B and 117 for no parking in corner, across the cross walk and in driveways, city to monitor area for compliance

Do you have any other comments to share?

We do support the fields and want them to happen with the upgrades to the road infrastructure in the neighbourhood to support it.

How did you hear about this project/the open house?

Mail out

Thank you!

From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 8:28 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Plea

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

Nothing.

Field not completed.

Do you have any suggestions for

improvement in the Arthur Peake/Golden

Ears Field concept?

Do you have any other comments to share?

Where am I supposed to play? I also play on the field after school and on weekends. My sister and I fly our kites there.

How did you hear about this project/the open house?

Other

Thank you!

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From:

noreply@civicplus.com

Sent:

Monday, July 24, 2017 7:55 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback.

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

I don't like it. My children attend Golden Ears Elementary School, 2/3 of the field being taken up is unacceptable especially since there is no guarantee the children can use the proposed field!

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Yes, that Golden Ears Children have unlimited access to the field.

Do you have any other comments to share?

I would like to know what the turf is made of, to ensure it is not toxic to our children and the environment.

How did you hear about this project/the open house?

Social media

Thank you!

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From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 10:49 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Plea:

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

I am positive about this plan as more access for sports games during fall/winter season

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

I suggest that Golden Ears Elementary school should have an access to the new field as they used to during school hours for recess, lunch, PE class and school events such as Terry Fox run, cross country, Fun day.

Do you have any other comments to share?

Please do not limit Golden Ears students access to the new field . I want them to enjoy outside activities as they always do in past. I am positive the plan itself as it will give a great benefit for students as well, but I also want Golden Ears students to have same outdoor space for school activities.

How did you hear about this project/the open house?

Large street signs

Thank you!

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From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 11:09 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Plea

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

Field not completed.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Ensuring unlimited access by students at Golden Ears

Elementary. See comment below.

Do you have any other comments to share?

I would like to be certain that the students at Golden Ears Elementary will have unlimited access to the new field before, during and after school. It is crucial for the physical, emotional and cognitive development of the students to have outdoor space for both structured and unstructured play. Limiting their access to the field could be detrimental to their development. I also would like to see exactly what the new turf would be made of. I have concerns about the potential toxicity of the materials used.

How did you hear about this project/the open house?

Social media

Thank you!

Please note, all comments received in response to this consultation will become part of the public record which include the submission being made available for public inspection at Maple Ridge City Hall as required. Personal information collected on this form is for the sole purpose of providing input to the Parks, Recreation & Culture Department pursuant to Section 26(c) of the Freedom of Information and Protection of Privacy Act. If you have guestions about the

From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 10:41 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback.

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

Better field conditions

Field not completed.

Do you have any suggestions for improvement in the Arthur Peake/Golden

Ears Field concept?

Do you have any other comments to share?

Golden Ears Elementary should absolutely have full use of the

field since it's taking up 2/3 of their existing field.

How did you hear about this project/the open house?

Social media

Thank you!

Please note, all comments received in response to this consultation will become part of the public record which include the submission being made available for public inspection at Maple Ridge City Hall as required. Personal information collected on this form is for the sole purpose of providing input to the Parks, Recreation & Culture Department pursuant to Section 26(c) of the Freedom of Information and Protection of Privacy Act. If you have questions about the collection, use or disclosure of your personal information, please contact Laurie Darcus, Head, Freedom of Information and Protection of Privacy at Idarcus@mapleridge.ca or 604-467-7482.

From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 9:21 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our c

Name

Address

What do you like about the Arthur Peake/Golden Ears concept? A turf field is not appropriate for this area

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Field not completed.

Do you have any other comments to share?

This is not fair to the students at golden ears school. They use the grass field for all sorts of events and at recess and lunch. We have not had confirmation that the children will be able to use this field during their breaks. Also what about security for our children? Is this field open to the public during school hours? I do not want people being allowed near the children when they are out during breaks. I do not think this is the appropriate place for a field. You are taking away from our children!!

How did you hear about this project/the open house?

Word of mouth

Thank you!

Please note, all comments received in response to this consultation will become part of the public record which include the submission being made available for public inspection at Maple Ridge City Hall as required. Personal information collected on this form is for the sole purpose of providing input to the Parks, Recreation & Culture Department pursuant to Section 26(c) of the Freedom of Information and Protection of Privacy Act. If you have questions about the

From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 8:40 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears it. consultation process we would like to receive vour

As a part of (feedback. Pl

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

Very cool to have for Sports and so on.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

My Husbands installs these feilds and Im very worried about what kind of sand they will be using as much proof that many of the sands cause lung cancer and kindey issues and being I have four kids at this school I do not like that one bit. Plus will our schools kids not be able to play in feilds at school?

Do you have any other comments to share?

Other then that love the idea.

How did you hear about this project/the open house?

Park posters

Thank you!

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From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 2:13 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our control of the receive your

As a part of our prededback, Please

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

NOTHING!

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Field not completed.

Do you have any other comments to share?

I am highly OPPOSED to having this project go ahead. We have lived here for 20 years and the Golden Ears field gets used by the community for multiple things. At any given time, you will see adults and kids out their playing in the field. To fake grass and lit up at night would be intrusive to our neighbourhood. A field like this should be at a sports complex, not in someone's back yard.

How did you hear about this project/the open house?

Mail out

Thank you!

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From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 10:14 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Plea

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

Turf will prevent soggy grass and soccer games being cancelled.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

The golden ears elementary school kids MUST HAVE FULL ACCESS to this turf field during school hours! This is their playground so if you take away or limit access to 500 kids during recess & lunch it will SEVERELY DETRIMENT their exercise and social time. I'm all for turf fields but the school children need to be able to occupy them during school hours.

Do you have any other comments to share?

What is the turf made out of? I heard that chemicals & toxins are found in turf fields. Is the city doing their due diligence to make sure no harmful substances are used in the making of the turf?

How did you hear about this project/the open house?

Large street signs

Thank you!

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From:

noreply@civicplus.com

Sent:

Wednesday, July 19, 2017 4:17 PM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our community consultation process, we would like to receive your feedback. Pleas

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

The lights will de-value the homes

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Make it a natural park baseball field

Do you have any other comments to share?

Think about the surrounding people before making decisions

How did you hear about this project/the open house?

Word of mouth

Thank you!

Please note, all comments received in response to this consultation will become part of the public record which include the submission being made available for public inspection at Maple Ridge City Hall as required. Personal information collected on this form is for the sole purpose of providing input to the Parks, Recreation & Culture Department pursuant to Section 26(c) of the Freedom of Information and Protection of Privacy Act. If you have questions about the collection, use or disclosure of your personal information, please contact Laurie Darcus, Head, Freedom of Information and Protection of Privacy at ldarcus@mapleridge.ca or 604-467-7482.

From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 10:20 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of o⁻ feedback. Ple

Name

Address

What do you like about the Arthur Peake/Golden

Ears concept?

Field not completed.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

Field not completed.

Do you have any other comments to share?

I'm concerned with safety. I have children who attend Golden Ears and would like to know they are safe during the school day with the public having access to that space.

How did you hear about this project/the open house?

Other

Thank you!

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Chad Neufeld

From:

noreply@civicplus.com

Sent:

Thursday, July 20, 2017 9:58 AM

To:

Chad Neufeld

Subject:

Online Form Submittal: Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

Proposed Synthetic Field at Arthur Peake/Golden Ears

As a part of our comm feedback. Please fill o

Name

Address

What do you like about the Arthur Peake/Golden Ears concept?

I fully support this project - I think it is AWESOME for our community, and will help to relieve the stress of use of fields through the winter allowing for more recreational sports in our community.

Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Field concept?

I would like to ensure that the size of the field doens't negatively impact the play/active time the students receive at Golden Ears during lunch and recess. Will students be allowed on the field during that time?

Do you have any other comments to share?

Thank you for continuing to support the growth of community sports

How did you hear about this project/the open house?

Social media

Thank you!

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Email not displaying correctly? View it in your browser.

Synthetic Field Open House Comment Form

	nt form a
ne (required)
dress	s (require
1.	What do you like about the <u>Arthur Peake/ Golden Ears</u> Synthetic Field concept? I am all for the field being placed there.
	as it will be great for all season sports.
	Sty 11 Control of the State of
2.	Do you have any suggestions for improvement in the <u>Arthur Peake/ Golden Ears</u> Synthetic Field concept?
	Tiple parting
3	Do you have any other comments you would like to share?
3.	Do you have any other comments you would like to share? Where will the Kids play during the School days?
3.	
3.	Where will the Kids play during the school days? Will they be patting in sidewalks down 230th to accommodate the extra traffic as most of the time it is
3.	where will the Kids play during the school days? Will they be putting in sidewalks down 230th to accompodate the extra traffic as most of the time 1+15 one way street.
	Where will the Kids play during the school days? Will they be patting in sidewalks down 230th to accommodate the extra traffic as most of the time it is

If you are unable to fill out this form at this time, please bring it home with you and send the completed form, by email no later than August 16th, 2017 to cneufeld@mapleridge.ca

Synthetic Field Open House Comment Form

As part of our co	
Name (required	
Address (require	ed .
The HO So neight instead School	o you like about the Arthur Peake/ Golden Ears Synthetic Field concept? Good Idea coffen you trees are a safety hazard so good ee them go. Atthail improve the facilities in the courhood. I like that I like the idea of progress of the leave if alone affitude. It will keep dogs off the policy field because people walk their dogs past the No DOG sign have any suggestions for improvement in the Arthur Peake/ Golden Ears tic Field concept? bage bins Bathroom facilities?
Noise going	have any other comments you would like to share? factor that accompanies games till 10pm: traffic coming a late I'm concerned I will lose street parking because of users not using designated parking. I'm concerned additional fic will turn around in My drive way in not use designated d you hear about this open house? (circle one) parking
Real reference or the second second second second second	igns Park Posters Newspaper Ad Mail out Social Media City Website

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Synthetic Field Open House Comment Form

me	(required)
dres	ss (require
1.	What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept? Concepts Are Good -
2.	Do you have any suggestions for improvement in the <u>Arthur Peake/ Golden Ears</u>
	Synthetic Field concept? AD JHOURD LEADE AS IS AND BUILD NEW ADD NEW FIELDS EISWHERE!
3.	NO - 3HOULD CEASE AS IS AND BUILD WED ADD NEW
3.	Do you have any other comments you would like to share? WITH A SHOTAGE OF FIELDS, WHY CHAUP GRADE GUSTING: ACOST OF BUILDING DED WITH DEN LOCATION WILL BENFIT LONGER.
	Do you have any other comments you would like to share? WITH A SHOTAGE OF FIELDS, WHY CHAUP GRADE GUSTING:

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Synthetic Field Open House Comment Form

	As part of our community consultation process we would like to invite your feedback. Please fill out this comment form and
1. What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept? Other then supporting local opents, Mothers. This is rempty the mong location. Makes no sense at all. 2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears Synthetic Field concept? Cancel at light and moist pollution so close to an older, peaceful, down and quiet rienfulness Kids label the full to close to house. 3. Do you have any other comments you would like to share? Its label the full fact parting that mough reachibes. Its support. Its peoples the character and reachibe full of 4. How did you hear about this open house? (circle one) Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other.	Name (required)_
2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears Synthetic Field concept? Lancel it high and maid pollution so close to an older, peacyal, danh and quiet mightahin Kids loss the field. Too close to houses. 3. Do you have any other comments you would like to share? Isolan land lack parting that insurfunctions to support. Deviacles the character and reachts of life of 4. How did you hear about this open house? (circle one) Large signs Park Posters Newspaper Ad (Mail out) Social Media City Website Other	Address (required
Synthetic Field concept? Concel & Josel and maish pollution so close to an older, peaceful, danh and quiet recollente Kids love the field to close to house. 3. Do you have any other comments you would like to share? Isolden har lack parking that smarp reduction to support. Demacles the character and realth of life of 4. How did you hear about this open house? (circle one) Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other	
Sploten sans lach parking Met snowsh redollion to support Device the character and reactiff of life of 4. How did you hear about this open house? (circle one) Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other Other	Synthetic Field concept? <u>Cancel it high and moish pollution so close</u>
Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other	3. Do you have any other comments you would like to share? Molden land lach parting Not insuff addition to support. Degracles the character and reality of life of
Thank you!	Large signs Park Posters Newspaper Ad Mail out Social Media City Website
	Thank you!

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Synthetic Field Open House Comment Form

As part of our community consultation process we would like to invite your feedback. Please fill out this comment form an
Name (required)_
Address (required
1. What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept?
NOT THE SCHOOL TO PUTTHIS FIELD IN
WHY ARE YOU NOT PUTTING A FIELD IN
WEST MAPLERINGE?
WHY ARE YOU NOT PUTTING THIS FIELD IN A PARIC!
2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears
Synthetic Field concept?
NRED MORE INFO AS TO THE FILL - SRT
HAD LOTS OF COMPLAINTS ABOUT BURNT
RUBBER SMELL WHEN TEMPERATURE WAS WARM.
YOU COULD SMELL IN NEIGHBOURHOOD ESPECIALLY
3. Do you have any other comments you would like to share? WHEN THERE WAS A
LIGHT STANDARDS - WHAT IS THE DISTANCE
TO PROPERTY? THEY WILL SHINE INTO
BENROOMS PAST 9:00PM.
4. How did you hear about this open house? (circle one)
Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other
Thank you!
3 - PROPER DRAINAGE - FIELD FLOODS NOW.
If you are unable to fill out this form at this time, please bring it home with you and send the completed form, by
if you are unable to fill out this form at this time, please bring it notice with you and send the completed form, by

If you are unable to fill out this form at this time, please bring it home with you and send the completed form, by email no later than August 16th, 2017 to cneufeld@mapleridge.ca



Synthetic Field Open House Comment Form

	of our community consultation process we would like to invite your feedback. Please fill out this nt form a
Name (required
Address	s (require
1.	What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept? Cond use of space nice to see it
2.	Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears Synthetic Field concept? Sud in which is to make it a fine Multinuse Eight
3.	Do you have any other comments you would like to share?
4.	How did you hear about this open house? (circle one) Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other
	mank you:

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Synthetic Field Open House Comment Form

Name (required) Address (required 1. What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept?
1. What do you like about the <u>Arthur Peake/ Golden Ears</u> Synthetic Field concept?
Aust use of a large field Expending opportunities for ont door sporture activities to support our proving population
2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears
Synthetic Field concept?
of garbogs a recipling (popular botherset)
3. Do you have any other comments you would like to share?
in place for the schools dones around the fall
1. How did you hear about this open house? (circle one)
Large signs Park Posters Newspaper Ad Mail out Social Media City Website
Other Thank you!

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Synthetic Field Open House Comment Form

As part of our community consultation process we would like to invite your feedback. Please fill out this comment form an	
Name (required)_	
Address (required	
1. What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept? Bette use of existing land that is currently under-utilized	
2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears Synthetic Field concept? Thomas Henery location is preferred as it has less impact on residential neighboruhord	•
3. Do you have any other comments you would like to share? I would like to ensure that light pollewhire is minimized and activities do not run any later than 9:30 to 10:00 pm. Noise may all	r be
4. How did you hear about this open house? (circle one) an insue as fuis in large signs Park Posters Newspaper Ad Mail out Social Media City Website	1 9
Other Thank you!	

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Synthetic Field Open House Comment Form

	of our community consultation process we would like to invite your feedback. Please fill out this nt form and
Name (required)
Addres	s (required
1.	What do you like about the <u>Arthur Peake/ Golden Ears</u> Synthetic Field concept? NOTHING WILL DECRESE PROPERTY VALUE
2.	Do you have any suggestions for improvement in the <u>Arthur Peake/ Golden Ears</u> Synthetic Field concept? MOUE FT TO ANOTHER LOCATION (ALBION)
3.	Do you have any other comments you would like to share? ISSUES WITH LIGHTS, NOISE, PARKING TAKING AWAY A COMMUNITY AREA POSSIBLE TOXEC MATERIALS UTILIZED
4.	How did you hear about this open house? (circle one)
	Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other Thank you!

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Synthetic Field Open House Comment Form

As part of our community consultation process we would like to invite your feedback. Please fill out this comment form and
Name (required)
Address (required)
1. What do you like about the Arthur Peake/ Golden Ears Synthetic Field concept? We need additional full do to support Baychell
2. Do you have any suggestions for improvement in the Arthur Peake/ Golden Ears Synthetic Field concept? H would be nice to support a Midget Size field but understand that size can't be supported.
3. Do you have any other comments you would like to share? hidge needs to acquire land and build a purpose built facility for all sports. We are only accomplishing short.
4. How did you hear about this open house? (circle one)
Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other <u>em (w)</u>
Thank you!

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Please Advise when going to Counsil

Arthur Peake/ Golden Ears Elementary

12.

Synthetic Field Open House Comment Form

As part of our con " " " Table 2000 would like to invite your feedback. Please fill out this comment form ar
Name (required)
Address (require
1. What do you like about the Arthur Peake/Golden Ears Synthetic Field concept? Great for Field Space for Klas No 50 much for residents that. back on to field
2. Do you have any suggestions for improvement in the Arthur Peake/Golden Ears Synthetic Field concept? Dramage - Najor ISSUE Trees-underbrush ISSUE Maintenance between residential fences + School How field property:
2. Do you have any other comments you would like to share? Concerned with balls it coming over tence corrently an issue with the fields current USage
4. How did you hear about this open house? (circle one)
Large signs Park Posters Newspaper Ad Mail out Social Media City Website Other
Thank you!

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-> Fanking on a dead end (231B) will be over flow -> Do not like Lights at all -> will it affect property toxes.