

Township of
Langley



Est. 1873

REPORT TO MAYOR AND COUNCIL

PRESENTED: OCTOBER 26, 2020 - REGULAR MEETING
FROM: PARKS AND RECREATION DIVISION
SUBJECT: RECREATION FACILITY UPDATE

REPORT: 20-139
FILE: 7900-01

RECOMMENDATIONS:

That the Township of Langley's Additional Reopening Plan for Recreation Services and Facilities affected by COVID-19, included herein, be received by Council; and

That consideration of further steps in the Reopening Plan, including the reopening of other facilities and services, be deferred and considered as part of the 2021 budget process.

EXECUTIVE SUMMARY:

At the October 5, 2020 Council Meeting staff presented a recommendation to open the WC Blair Recreation Centre swimming pool at the beginning of November, and also presented consideration for phased opening of other facilities and services as part of the 2021 budget process. Based on Council discussion, a motion was made and adopted to have staff bring further details to Council about alternatively reopening Walnut Grove Community Centre swimming pool and provide a more substantive cost analysis.

Factors reviewed for Council's deliberation include safety implications, location and proximity contemplations, a summary of each pool site, capacity limitations and Provincial Health Order considerations. The dynamics of lower capacities, restricted use, additional supply and cleaning costs, and staffing costs during partial opening continue to be financial drivers to both decreased revenues and increased costs that have implications in considering reopening any of the facilities.

The original motion as previously presented was,

"That as the next step in the Reopening Plan, Council approve the reopening of WC Blair Recreation Centre Swimming Pool, including a target opening date of early November of 2020, an approved additional expense of \$174,000 in 2020, and a pre-approved budget increase of \$873,000 for 2021."

Using a new target reopening date of mid-November, 2020, an additional expense of \$146,000 in 2020, and a budget increase of \$873,000 for 2021 would be required for WC Blair Recreation Centre pool; an additional expense of \$186,000 in 2020, and a budget increase of \$1,100,000 for 2021 would be required for Walnut Grove Community Centre pool.

PURPOSE:

To provide Council with information on the possible reopening of either WC Blair Recreation Centre swimming pool or Walnut Grove Community Centre swimming pool.

BACKGROUND/HISTORY:

On October 5, staff presented a report to Mayor and Council with recommendations for further reopening of TOL recreation facilities. Staff's recommendation in the report was to reopen WC Blair swimming pool effective early November 2020. After Council deliberation, a further resolution was proposed and approved for staff to bring forward further cost details for alternatively reopening Walnut Grove Community Centre.

“Resolution Details:

That as the next step in the Reopening Plan, Council approve the reopening of WC Blair Recreation Centre Swimming Pool, including a target opening date of early November of 2020, an approved additional expense of \$174,000 in 2020, and a pre-approved budget increase of \$873,000 for 2021.

AMENDMENT

That the motion be amended to reopen Walnut Grove Recreation Centre Swimming Pool, including a target opening date of early November 2020, with an approved additional expense of \$240,000 in 2020, and a pre-approved budget increase of \$1.1 million for 2021.

DEFERRAL

That this motion and amendment be deferred until staff have provided a substantive cost analysis on reopening Walnut Grove pool in 2020 instead of WC Blair pool, at the October 26, 2020 Council meeting.

CARRIED”**DISCUSSION/ANALYSIS:****1. Reopening Factors**

The decision to open either WC Blair Recreation Centre pool or Walnut Grove Community Centre pool has some key factors for Council's consideration:

- a) Safety of Staff and Patrons
- b) Location and Proximity
- c) Pool Sites
- d) Capacities and Provincial Health Orders

a) Safety of Staff and Patrons:

With the continued consideration to reopen additional recreation facilities the importance of staff and guest safety remains top priority. Staff and management have been involved directly with the workplace Risk Assessments necessary both for staff to return to work, and also in evaluating various safety factors needing to be considered in the reopening of facilities.

Staff have also been involved with many regional and provincial sector calls that have been valuable in understanding both what other municipalities are doing to reopen gradually in a safe manner and also discussing sector best practices. There are many safety considerations that help provide direction.

The “Gathering and Events” Order of the Provincial Health Officer is one topic that has received much attention in the past month with clarification coming multiple times on its application to recreation and sport. There continues to be outstanding questions with the PHO and sector

such as whether spectators should be allowed and how that should be managed, the application of the field of play and the use of masks by those not participating. Staff continue to monitor, provide updates and evaluate with the EOC the application to TOL recreation sites, with the overarching goal of keeping staff and the public safe while providing recreational opportunities.

Each space is evaluated to ensure that a safe environment is provided. As required by WorkSafe BC, each TOL facility and space will have a Risk Assessment completed and a reopening COVID Safety Plan is developed in collaboration with staff and management.

Most all Provincial Sport and National Sport Organizations require their clubs or associations to ensure there are enhanced cleaning protocols in order to operate. For example, Swim BC states in their Club Declaration form that clubs swim plans must include policies to ensure, “higher frequency of cleaning of ‘high touch’ areas of facilities and equipment, availability of hand sanitizer and encouraging good hygiene;” (page 19) which comes from the viaSport Return to Sport guidelines (page 5). Additionally, viaSport has a complete section on the importance of “Cleaning Protocols” in their Return to Sport guidelines (page 15-16).

Enhanced cleaning is primarily being provided at the facilities by the Building Service Workers (BSW) who clean the high-touch points during working hours in addition to the nightly cleaning by the other BSW staff. Additional assistance is provided by other trained staff, such as lifeguards in a pool setting.

The Aldergrove Credit Union Community Centre was the first pool recreation facility in the TOL to be opened primarily based on the Public Health’s noting that outdoor spaces pose lower risk. As indicated in Swim BC Phase 3 Return to Sport document “Public health officials have indicated that the use of outdoor facilities are generally safer as there is greater ventilation and ability to physically distance. This does not limit indoor sports from reopening, but it does increase the risk factor and therefore adds further consideration related to facility operations.” (page 9)

Should Council decide on additionally opening either of the WC Blair Recreation Centre (WCB) or Walnut Grove Community Centre (WGC) pools, enhanced cleaning protocols would continue. As a representative foot print, with WGC being a larger space, the cleaning would be more substantial than at WCB, which would translate to either more staffing and/or increased gaps in user times to allow for cleaning. For either space, the initial plan for users entering the pool area would be to utilize a direct outside entrance that would take them to the pool deck, and would limit the touch points.

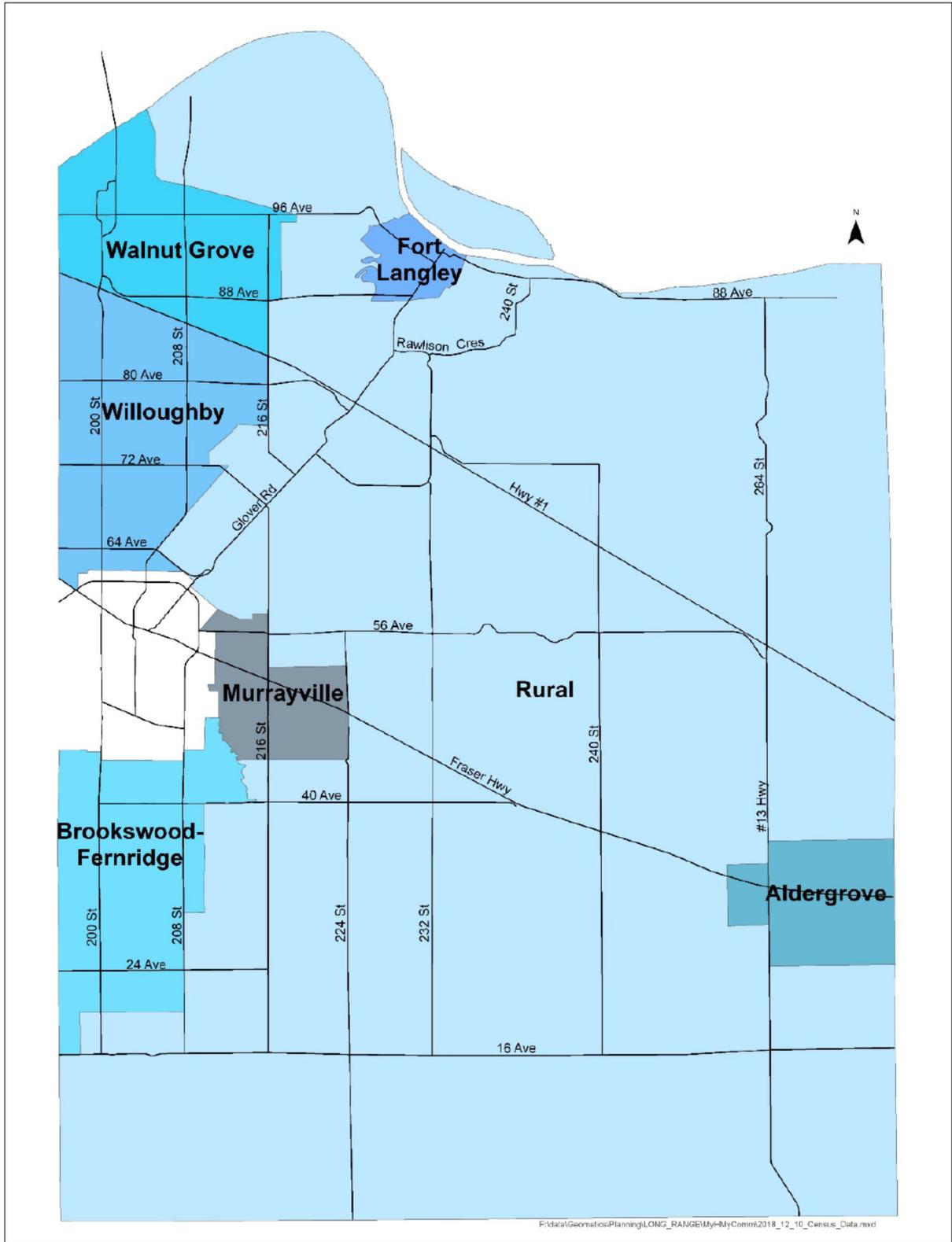
Staff maintain that WCB can be more efficiently managed from a staff and guest safety viewpoint, with limited touch points and a smaller footprint compared to WGC.

b) Location and Proximity:

The Township of Langley has been recognized in recent years as one of the fastest growing communities in BC. Geographically and demographically, through census data collected, TOL is broken into 7 communities.

Members of Council referenced population and proximity to the various communities, and based on that, staff have provided the 2016 population census data for each community which notes the overall population of 117,285. The 2020 population estimate derived from the Census plus TOL building permit data is 134,747.

Census Data Geography



Community	Population (2016 Census)	% of Total
Aldergrove	12,240	10%
Brookwood/Fernridge	12,820	11%
Fort Langley	3,420	3%
Murrayville	9,610	8%
Rural	23,285	20%
Walnut Grove	25,220	22%
Willoughby	31,305	27%
TOL Total	117,285	

During the previous presentation it was referenced by some members of Council about proximity and population of both sites within 10-15 minutes. Taking central points within each community, the population proximity to both of the sites are considered in the table below based on 10-15 minute travel time to each site. The travel times are taken from Google map approximations from the geographical central location in each community (at 4:30pm on a Friday afternoon).

Community	Distance to WGC (km)	Travel Time (~min)	Community	Distance to WCB (km)	Travel Time (~min)
Aldergrove	21.6	28	Aldergrove	11	19
Brookwood/ Fernridge	12.4	19	Brookwood /Fernridge	4.6	7
Fort Langley	5	7	Fort Langley	11	15
Murrayville	10.9	16	Murrayville		
Rural (240 St and 56 Ave)	11.6	16	Rural (240 St and 56 Ave)	5.9	9
Walnut Grove			Walnut Grove	10.9	16
Willoughby	5.5	9	Willoughby	8.6	13
TOL Average	9.6	13.6	TOL Average	7.4	11.3

Geographically: Using the regions referenced in the 2016 Census Data, and as noted in the table above, the WC Blair Recreation Centre is geographically the most central for all communities within TOL compared to Walnut Grove Community Centre. Depending on the day and time of day, the traffic congestion in various areas of Langley can be more substantial or less than represented in the numbers in the table.

Population: Taking central points within each community, the population proximity to both of the sites are considered anecdotally below from the tables above based on 10-15 minute travel time to each site.

- Populations within an average 10-15 minutes proximity to Walnut Grove Community Centre are Walnut Grove (100%), Fort Langley (100%), Willoughby (70%), Rural (20%).

This represents approximately 47% of the TOL population or 55,211 people residing within 10-15 minutes of Walnut Grove.

- Populations within an average 10-15 minutes proximity to WC Blair Recreation Centre are Murrayville (100%), Brookwood/ Fernridge (100%), Willoughby (30%), Rural (65%). This represents approximately 40% of the TOL population or 46,957 people residing within 10-15 minutes of WC Blair.

It is important to note that Willoughby growth since 2016 has been significant and based on building permit data is estimated in 2020 (non-census data) to approximately 44,131 and TOL is now estimated at 134,747. While a large portion (70%) of Willoughby is considered within 10-15 minutes of WGC, the remaining portion (30%) is also considered to be within 10-15 minutes of WCB.

Based on both population and proximity information collected, Walnut Grove Community Centre has approximately 7-10% greater proportion of the population within a 10-15 minute drive compared to WC Blair Recreation Centre, while geographically, WCB is more central in proximity to all TOL communities by an average of just over 2 minutes (for the 10-15 minute comparison).

c) Pool Sites

The main pool at WC Blair Recreation Centre is a free form wave pool with 6 x 25 meter lanes, a beach entry and various children's water features. The newly tiled hot tub has a PAL lift for those with accessibility needs and new narrower grip railings. Other amenities such as the climbing wall and new sauna would not be initially offered based on high touch surfaces and the enclosed environment. The temperature of the pool is consistent at 30 °C.

Walnut Grove Community Centre pools consist of an 8 x 50 meter competition caliber pool that can be configured in multiple different ways. Primarily it is set up with 2 bulkheads separating the pool into a 25 meter and two 12.5 meter pools. Additionally, there is main leisure pool with beach access entry. There are 2 hot tubs, one with a walk in entry, and also a dive tank (part of the 12.5m main deep pool) with 1 and 3 meter diving boards and a 5 meter dive tower. Other amenities that would not be utilized initially are the sauna, steam room, and waterslide. The temperature of the 50 meter pool is 27.5 °C and the temperature of the beach access leisure pool is 32 °C.

Both facilities have traditionally had good usage for programs, though these programs at this time are not being considered until sometime after either facility has proven to be operationally safe for public users and rental groups. With a bigger footprint, Walnut Grove Community Centre pool under normal operating conditions, offers more Aquafit, and lessons programs. The 50 meter lane pool is another benefit to WGC, particularly for the swim clubs. WC Blair Recreation Centre has been highlighted by many patrons who like to do water walking because of the shallower portions in some of the lanes and consistent warmer temperature versus the 50 meter WGC pool.

As has already been referenced, with more pools and surfaces, the cost is higher to operate the Walnut Grove Community Centre pool. As an example, when user groups want to reconfigure the main pool at WGC to have access to use the 50m pool (multiple times per week), bulkheads must be moved, and this typically requires 3-4 staff present to do so depending on the time of day.

What is not taken into detailed account are the Facility Maintenance Division utility costs of electricity and gas, which with more space and pools is another contributing factor to additional costs at the Walnut Grove Community Centre. With normal use, the combined full year 2019

utility costs were \$396K at WGC versus \$167K at WCB (both are for the complete facility). Opportunity exists for more significant utility saving at WGC if it were to remain closed compared to WCB.

d) Capacities and Provincial Health Orders

As has been previously referenced in the October 5, 2020 report to Mayor and Council, based on current PHO 'Gathering and Events' restrictions, the EOC has determined that capacities within TOL facilities will not exceed 50 persons. While there have been various interpretations of the 'Gathering and Events' order', 50 persons is the current maximum operating parameters that staff and groups must work within.

What this currently means for operations of the TOL pools is that regardless of the size of the facility, there are limits placed on how many people can be in the spaces. Under this model, the larger footprint does not mean more people can come to a facility. In turn, this larger footprint, does not contribute to additional revenue, but does represent additional expenses both to staff and operate. The plan to staff the two sites is based on the size of the building and would mean needing between 2-3 more staff at WGC than WCB for each shift for life guarding and cleaning.

Also for Council's consideration is that an additional interpretation is still outstanding from the "Gatherings and Event" Order from the PHO as to the application of a required 1 hour gap between groups. Initially, some regional health authorities interpreted that it did not apply to recreation facilities. Recently, it has come up provincially that it may apply to recreation venues and municipalities are now awaiting confirmation and direction from the PHO on this. Implications, should this 1 hour gap between groups be adopted, is that there would fewer sellable times each day to user groups and public programs. Currently gaps between users range between 5 minutes and 30 minutes depending on the activity. Reducing the times would mean a further reduction in revenues by approximately 35% for both pools and arenas, while costs would remain the same in what is being projected. As an example arenas, that currently could have a maximum of 14 one hour time slots on a weekend day with a 15 minute break would be reduced to a maximum of 9 one hour time slots with 1 hour breaks for cleaning. Should this be enforced by the PHO, it will mean a further reduction in revenues under the current fees and charges structure, which would mean further consideration on the feasibility of what should reopen or remain open.

Staff Considerations

Based on what is approved in the additional reopening, an appropriate further complement of staff would be recalled to meet operational needs.

Interdivisional Implications:

The maintenance and cleaning of recreation facilities is administered by the Facilities Maintenance staff within the Engineering Division. Both divisions work closely to coordinate hours of operation, and operating procedures, to ensure smooth operations. Under COVID-19 reopening protocols, this good communication and collaboration would continue in order to ensure all safety measures are being implemented and met.

Financial Implications:

In preparation for the 2021 Budget, staff are aware of the potential tax implications of opening more recreation facilities. Based on previous projections and deferred expenses in the overall TOL budget shown last year, consideration needs continue to be given to short term and long term impacts based on what level of services for community recreation is endorsed.

As previously approved, if facilities were to remain as they are currently operating with ACUCC and GPC open to the end of the year, the estimated net budget variance to the end of 2020 is \$211,000 additional expense. Projected forward into 2021 these same facilities would be an additional expense of approximately \$1.3M.

Driving factors to the additional net expenses continue to be:

- **Lower Revenues:** Reduced facility load limits is one of the main factors in lower revenues.
- **Additional Costs:** Additional cost for cleaning staff and supplies. With load limits the guest to staff ratio is lower, meaning the revenue versus expense net cost is higher.
- **Staff Recall:** The resumption of services will require recalling staff and incurring the committed cost of doing so, including providing enhanced training in COVID-19 workplace safety.

With the original motion presented to Council on October 5, 2020 being deferred to October 26, 2020 the estimated reopening timeline has been moved to be mid-late November instead of the early November as previously submitted. This means the estimated additional costs for 2020 have been reduced in the comparison for both facilities, while 2021 estimates remain unchanged as shown below:

- The updated additional cost to open WCB pool is approximately \$146K to the end of 2020 and \$870K to the end of 2021
- The updated additional cost to open WGC pools is approximately \$186K to the end of 2020, and \$1.1M through 2021.

With currently opened facilities of GPC and ACUCC Arenas and ACUCC Pool, the combined total cost to additionally open:

- WCB pool plus current facilities is an additional \$357K to the end of 2020 and \$2.17M combined total in 2021
- WGC pool plus current facilities is an additional \$397K to the end of 2020 and \$2.4M combined total in 2021

Options	Description	Timeline	Financial Implications (to end of 2020)	Financial Implications (2021 Fiscal Year)	Tax Increase Implications (2021 Fiscal Year)
Current Status	GPRC/ACUCC Open to Arena Rentals, and ACUCC open to rentals and public swim	Complete as Approved by Council	\$211K additional expense	~\$1.3M additional expense	~1.0% tax increase required
Additional Reopening OPTION #1	Maintain current status, and <u>Open WCB Pool</u> to rentals and public swim	End of November	\$146K additional expense	~\$870K additional expense	~1.67% tax increase required
			\$357K total expense	~\$2.17M total expense	
Additional Reopening OPTION #2	Maintain current status, and <u>Open WGC Pool</u> to rentals and public swim	End of November	\$186K additional expense	~\$1.1M additional expense	~ 1.85% tax increase required
			\$397K total expense	~\$2.4M total expense	

Factored into the reopening plan is the likely impact of decreased demand with having 2 sites open. ACUCC has continued to fill public swims upwards of 80% to 90% of the reduced capacity depending on the week. It is anticipated that whatever additional pool opens that there will be combined fill rates of between 60-70% for public swims. It is also anticipated that any changes to current expenses associated with rental groups will be moderately flat to a slight increase in expense as many of those groups currently at ACUCC look to move indoors and may take additional time more in line with previous use. Depending on group's requests to adjust their site or time of use, there is good potential that ACUCC pools hours would be adjusted to optimize user group and guest use, which could mean a slight reduction of hours at ACUCC pool.

The reopening approach has continued to be methodical in attempting to provide recreation opportunities to the public and specific user groups recognizing the importance of recreation in the physical and mental health of TOL residents, while at the same time, planning for the potential short and long term financial impacts. Staff continue to promote a balanced outlook of cautiously reopening facilities.

Optional Recommendations/Alternatives:

Other options for Councils consideration are also presented below.

- ***Close ACUCC Pool and Open WCB Pool or WGC Pool***

An alternate strategy could be to re-close the ACUCC pool and shift the funding to either a WCB or WGC pool opening. The benefit of this approach would be a reduction of overall additional funding needed of approximately \$95,060 through 2020, and \$823,855 in 2021. If opening WCB pool, this would mean a reduction of the total expense from \$2.17M to \$1.35M or potential 1.04% tax increase implication. Alternatively, as applied to WGC pool, the total expense would move from \$2.4M to \$1.58M or a potential 1.21% tax increase implication.

A few of the benefits to keeping ACUCC pool open are related to it being a safer option with the outdoor setting as has been referenced by the Provincial Health Officer and was referenced previously in this report. Additionally, the concept in opening the ACUCC pool was in part

around clustering existing activity of the arena being open and the ability to operationally share staffing costs in the same facility. Closing ACUCC pool would mean the arena would still be open with some staff costs remaining there, while additionally opening a new facility that would mean a slight increase in expense from staff being further spread out (this is reflected in the numbers provided in the preceding paragraph).

- ***Maintain Existing***

As was previously presented, the COVID-19 pandemic remained unpredictable, and British Columbia has seen an increase in cases through September and into October. With that in mind, this alternative would mean keeping recreation facilities and services at their current levels to the end of 2020. Though no fitness areas are open, the private sector does provide numerous options for fitness centres and studios for Township residents. Fiscally, the benefit to only maintain existing open facilities to the end of 2020 relates to these short term measures furthering the sustainable long term recovery of services. The cost presented to Council on July 27, 2020 remains at approximately \$211,000 to the end of 2020.

- ***Full Services Opening Strategy:***

As mentioned previously, should the desire be to reopen all facilities immediately, under full operating hours, various operational details would need to be strategized. Doing so would see a significantly increased staffing complement and longer lead time to implement. Due to required limiting capacity limits and reduced programming ratios, along with increased staff cleaning and supply costs, the estimated net additional expense is approximately \$1.4M to the end of 2020, and \$9M+ through 2021.

- ***Additional Services***

Though not broadly considered in either this report or the previous report on October 5, 2020 there are additional services that have been reviewed and deliberated on by staff as was referenced in the July 27, 2020 report to Council. For aquatics, analysis has been done to adding Aquafit and swim lessons to pool openings. For the Arenas, consideration has been given to adding public skate and stick and puck programs. For Fitness, there has been consideration whether to reopen Fitness Centers and start offering fitness classes. For general Recreation programs and services, reintroduction of various programs have been analyzed and contemplated. Staff continue to evaluate the best possible time to reintroduce any of these services, however, it is clear that restarting many of these areas bears a further cost. It is recommended that with once a decision is made to open either of the two facilities being considered that further reintroduction of services would then be presented in a subsequent report for reopenings into 2021.

Conclusion

Staff have reviewed various factors such as safety of staff and patrons, population and proximity considerations, each sites pool details, and the impact of capacity and Provincial Health Order limitations. Staff remain ready to implement reopening of either WC Blair Recreation Centre pool or Walnut Grove Community Centre pool based on direction received from Council.

Options for a longer term operating model continue to be considered to ensure the sustainability of services and facilities in meeting TOL resident's recreation needs. Further reopening analysis will continue to be gathered and revisited as the budget for 2021 fiscal year is prepared. As previously mentioned, a consultant has also been engaged to assist in preparation of a report for presentation to Council in the coming months that will give analysis of

the current recreation business model and to provide feedback and recommendations on an overall updated model moving forward.

Respectfully submitted,

Rob Stare
DEPUTY DIRECTOR
for
PARKS AND RECREATION DIVISION

This report has been prepared in consultation with the following listed departments.

CONCURRENCES	
Division / Department	Name
Finance Division	S.Ruff
Engineering Division	R. Seifi
Human Resources Division	S. Harvey-Renner

APPENDIX A Guideline Resources

Province of BC

- [BC's Restart Plan](#)
 - <https://www2.gov.bc.ca/gov/content/safety/emergency-preparedness-response-recovery/covid-19-provincial-support/bc-restart-plan>
- [BC COVID-19 Go Forward Strategy](#)
 - https://www2.gov.bc.ca/assets/gov/health/about-bc-s-health-care-system/office-of-the-provincial-health-officer/covid-19/bc_covid-19_go-forward_management_strategy_web.pdf

Provincial Health Officer Orders

- [PHO Order COVID-19 Workplace Safety Plans](#)
 - https://www2.gov.bc.ca/assets/gov/health/about-bc-s-health-care-system/office-of-the-provincial-health-officer/covid-19/class_order_employers_covid-19_safety_plans_covid-19_may_14_final.pdf
- [PHO Order Gatherings and Events](#)
 - https://www2.gov.bc.ca/assets/gov/health/about-bc-s-health-care-system/office-of-the-provincial-health-officer/covid-19/covid-19-pho-order-gatherings-events.pdf?bcgovtm=20200506_GCPE_AM_COVID_9_NOTIFICATION_BCGOV_BCNOV_EN_BC_NOTIFICATION

WorkSafe BC

- [COVID-19 Safety Plan](#)
 - <https://www.worksafebc.com/en/resources/health-safety/checklist/covid-19-safety-plan>
- [COVID-19 and returning to safe operation - Phases 2 & 3](#)

- <https://www.worksafebc.com/en/about-us/covid-19-updates/covid-19-returning-safe-operation>
- [Sports and Recreation: Protocols for returning to Operation](#)
 - <https://www.worksafebc.com/en/about-us/covid-19-updates/covid-19-returning-safe-operation/sports-recreation>

Industry Guidelines

- [Swim BC Phase 3 Return to Sport](#)
 - <https://swimbc.ca/wp-content/uploads/2020-09-05-PHASE-3-R2S-Guidelines.pdf>
- [BCRPA- The Recreation & Parks Sector Guideline for Restarting Operations](#)
 - <https://www.bcrpa.bc.ca/media/242766/bcrpa-restarting-guidelines-final.pdf>
 - <https://www.bcrpa.bc.ca/media/245825/fha-coronavirus-pools-june-3-2020.pdf>
- [Key Principles for Swimming Pools](#)
 - <https://www.bcrpa.bc.ca/media/246689/key-principles-for-swimming-pools.pdf>
- [RFABC COVID-19 Considerations for Restarting Swimming Pool Operations](#)
 - <https://www.bcrpa.bc.ca/media/247654/bcrpa-rfabc-considerations-restarting-pool-operations.pdf>
- [BC Lifesaving Society Reopening Pools and Waterfronts](#)
 - https://www.lifesaving.bc.ca/Areas/Admin/Content/images/DashboardFilePdfUpload/DashboardFilePdf/Dashboard_1569263_Guidelines_for_Reopening_BC's_Pools_and_Waterfronts_-_Updated_June_17,_2020.pdf
- [viaSport Return To Sport- Guidelines for BC](#)
 - https://www.viasport.ca/sites/default/files/Phase_3_Return_to_Sport_Guidelines_web_09-25-2020.pdf
- [BC Hockey League- Return To Hockey](#)
 - <https://www.bchockey.net/Files/Return%20to%20Hockey%20Website%20one-page%20Document.pdf>
- [Hockey Canada- Return to Hockey](#)
 - <https://hockeycanada.ca/en-ca/exclusive/return-to-hockey/plans>
- [Skate Canada- Return to Skating](#)
 - <https://skatecanada.ca/wp-content/uploads/2020/05/Return-to-Skating-Guidelines.pdf>
- [Curl BC- Return to Curling: A Guideline for BC Curling Centres](#)
 - <https://www.curlbc.ca/wp-content/uploads/2020/07/Return-to-Curling-Guide.pdf>