

Mr. Dan Powell
CHDS, LLC
1098 South Milwaukee,
Avenue suite 303
Wheeling
IL 60090

1 September 2022

Dear Dan

With regard to your retention pond we have calculated that the size of it together with the rainfall and catchment area, will be more than adequate to provide water for the Britonmist lubrication system on the **Snowflex**® all year round. So no mains water for that will be necessary.

There would be a question of timing. The pond needs to fill up to a certain extent before the demand is put on it.

Yours sincerely



Brian Thomas

Managing Director

Mr. Dan Powell
CHDS, LLC
1098 South Milwaukee,
Avenue suite 303
Wheeling
IL 60090

3 September 2022

Water calculations Round the Lake Libertyville Illanoi

Dear Dan

Area of Snowflex [®]	118,403 ft ²
Nozzles	1833 #
Pump capacity	242 gal/min
Pump timed on off	121 gal/min
Recycle 70% of water consumption =	36 gal/min
Water consumption	9,519,702 gals/year
Collection area	49 acres
Collection area	2,134,440 ft ²
Rainfall	32 inches/year
Rainfall	2.67 ft/yr
Collection per year =	5,691,840 ft ³ /yr
Collection per year =	42,574,963 gals/year
Retention pond capacity =	4,000,000 gals

So the amount of water the retention pond receives is greater than the demand required to lubricate the **Snowflex**[®].

Yours sincerely



Brian Thomas

Managing Director

Mr. Dan Powell
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IL 60090

24th August 2022

Dear Dan

Further to our recent continued discussions reference the Round Lake Snowflex Centre, I would like to reiterate that Briton Engineering Developments Ltd firmly believes that the proposed project is a robust concept both from a commercial and socio-economic perspective.

With the right levels of investment and strong commercial and operational management the project has the potential to be a world class destination providing economic benefits to the region.

With your leadership and guidance, I am sure that the Round Lake Snowflex Centre project will flourish and will truly become one of the premier synthetic snow sports resorts in the world.

Briton Engineering Developments Ltd is keen to be involved as the design and build engineering supplier of the **Snowflex**[®] snow sports area to the project.

We appreciate your interaction with Briton Engineering Developments LTD. over the past 10 months in planning the Snowflex development in Round Lake, Illinois and look forward to our continued technical discussions and meetings on the design and build process with you towards what we believe will be a successful future project.

Yours sincerely



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As unique Design & Build engineer, Briton Engineering Developments offer services that normally includes:

- Slope design, incorporating interesting terrain shapes to take into account abilities from beginners through to advanced skiers & boarders
- Supervision of snow sports terrain civil engineering works
- Manufacture and supply of the full Snowflex[®] system
- Full Installation of Snowflex[®] system and sublayers
- Manufacture & installation of Britonmist[®] slope lubrication system, including for water recycling
- Manufacture & installation of Briton lift systems
- Supply & installation of Dopplemayr lift systems

Our experience is such that we can advise on the best way to achieve the desired results and one that will look and perform like mountain conditions, making Snowflex[®] the only economically viable surface system. Not only does the product look good but people experience a real snow feeling and will not get bored of uninteresting slope design nor a surface that does not perform. These facts will bring people back, time and time again.

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Yours sincerely



Brian Thomas

Managing Director

