

Memo

To: Honorable Mayor and City Council

From: Joe Kohlmann, City Administrator

Date: September 28, 2012

Re: Minnetonka Ducks – Proposal

Steve Evans has submitted a proposal to the City to operate a 'duck boat' business by using the North Waseca Fire Lane as the access point to Lake Minnetonka.

Steve is looking for formal approval from the City Council to operate the Minnetonka Ducks using the North Waseca Fire Lane in 2013.

Some possible discussion points;

- 1) How many times a day/week would the launch be used?
- 2) Have all applicable LMCD permits been obtained?
- 3) What kind of impact would these have on the City's boat launch that is graded mainly by lake bottom and class five?
- 4) Any safety considerations?
- 5) What kind of impact would these vehicles have on City roads?
- 6) Are the City's roads wide enough to accommodate these vehicles?
- 7) Are there any parking considerations to consider with the proposal?

Attached is the Minnetonka Duck's proposal

Attached are some photos of the ducks

Attached are the specifications of the Ducks

Council Action requested:

Review and discuss the proposal. Steve will be in attendance.

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Executive Summary

Who We Are

Minnetonka Ducks is a family owned and operated Lake Minnetonka/Excelsior tour service. The customers will get a rare and one of a kind Lake Minnetonka / Excelsior tour experience aboard an Amphibious Unsinkable Vehicle modded after the WWII D.U.K.W. boat that travels on land as well as water.

The DUCK leaves the office in Excelsior, and tours the landmarks shops and beach areas in downtown Excelsior. It proceeds to Tonka Bay , and makes an exciting splashdown into Beautiful Lake Minnetonka. Then after " Splashdown", passengers sail to embark on an informative 1.5 hr. tour on the lake. On the cruise, a knowledgeable tour guide points out interesting history and scenery. Once the 1hr. tour is over, the DUCK effortlessly drives out of the water! A Minnesota Must Experience that should be enjoyed by all!

What We Sell

For the enjoyment and fun for our customers, Minnetonka Ducks will not only offer the only known Duckboat tour company in Minnesota, but also an exciting and educational tour of downtown Excelsior and a 1.5 hr. tour on the "Queen of all Lakes"- the one and only Beautiful Lake Minnetonka!

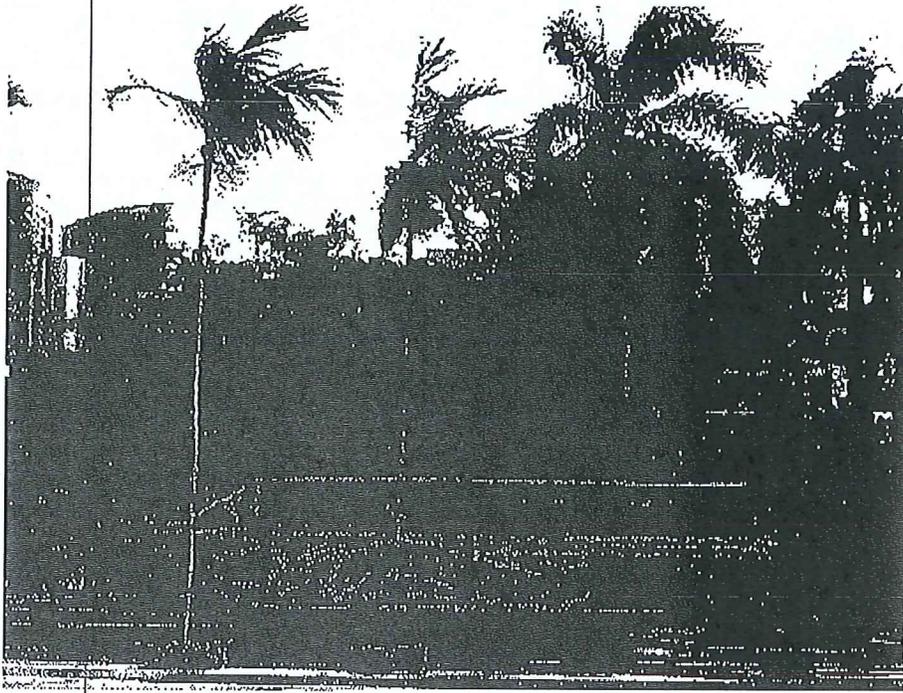
Who We Sell To

1. Minnetonka Ducks will focus on being marketed to seniors, students, singles, couples, and families that want to do something fun rare and exciting as well as educational experience and enjoy the some of the beauty of Excelsior and Lake Minnetonka.
2. This type of attraction is a very popular and exciting attraction in Wisconsin Dells, Branson Missouri, Fort Lauderdale, San Diego -and has been proven to be a very successful attraction for many many years. It has shown to improve the economy and promote the success local business. Such a local business/attraction

Minnetonka Ducks

like this will bring much needed revenue for some of the quaint/beautiful, but struggling stores and shops in the Excelsior and the Tonka Bay area.

3. Restaurants will also have increased sales revenue because of Minnetonka Ducks Tour business. Elaborate and colorful brochures, signs and marketing ads in print will be distributed within the state and tourist areas as well as many local hotels Throughout the State . This will also add to the excitement and the success Minnetonka Ducks.
4. There are less than 200 original Ducks from the early 1940's left in existence worldwide which creates a demand in popular lake and tourist areas. Our Duck is a more modern and efficient model,Built in the 1990's a more safe and efficient model with 50 years more technology. Best of all , they are claimed to be unsinkable even if full of water! .









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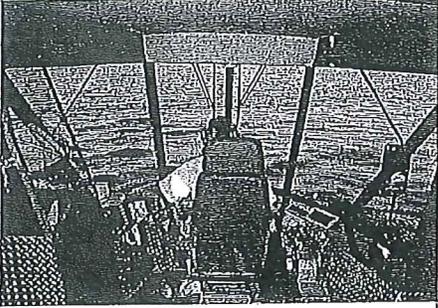
[About C.A.M.I.L.L.C](#)

Specifications & Features

Hydra-Terra

<u>Size</u>	<u>Weight</u>
<ul style="list-style-type: none"> ◦ Standard Length: 40' ◦ Width: 102" ◦ Height: 11'7" ◦ Interior Height: 7'4" ◦ 49 passenger designed capacity 	<ul style="list-style-type: none"> ◦ Front GAWR: 12,000 lb (5448 kg) ◦ Rear GAWR: 19,000 lb (8626 kg) ◦ GVWR 29,000 lb (14074 kg)
<u>Construction</u>	
<ul style="list-style-type: none"> ◦ Wheel Base: 273 in. (6400 mm) ◦ Neway Air Suspension (Front + Rear) ◦ Heavy Duty Stabilizer Bar (1.5") ◦ Radial Tires XZA2 275/80R 22.5 ◦ Floor is lightweight aluminum sheet over structural members. Full carpeted interior for passenger comfort and for noise abatement. ◦ The lower section below floor in the side sections will be foam filled. The foam fill material 	<ul style="list-style-type: none"> ◦ Hull: 3/16" Marine Grade 5052 Plate with 6061 Grade Structural Members. ◦ Wheel Cut: 50 deg. ◦ Bilstein Tuned Shock Absorbers ◦ Pneumatic (air) Operated Staircase ◦ Propellers: Two 19" Bronze with Stainless Rudders ◦ Fully covered top ◦ Seating: Bench style 2 person per side 4 per row with 12 rows of seats. ◦ Certification by United States Coast Guard ◦ All hull construction to A.B.S. standards

- [High Res. pix
Hydra-Terra](#)
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<p>meets Mil Spec. and is approved by the Coast Guard</p>	
<p><u>Instrumentation & Gauges</u></p>	<p><u>Cockpit Features</u></p>
<ul style="list-style-type: none"> ◦ Speedometer ◦ Odometer ◦ Tachometer ◦ Engine Oil Pressure ◦ Water Temperature ◦ Transmission Temperature ◦ Marine Transmission Temperature ◦ Rudder Angle Indicators ◦ Bilge Pump Indicators ◦ Compass ◦ Public address system built in. Multiple speakers ◦ Automatic Fire Suppression 	 <ul style="list-style-type: none"> ◦ Center steering location for U.S. and Euro applications ◦ All controls are within the captains station
<p><u>Engine</u></p>	<p><u>Transmission</u></p>
<ul style="list-style-type: none"> ◦ Caterpillar or Cummins Turbocharged Engines ◦ Fuel tank 50-gallon 	<ul style="list-style-type: none"> ◦ Allison Automatic Transmission ◦ An optional retarder delivers auxiliary braking on steep grades and helps improve vehicle control and reduce brake wear
<p><u>Electrical System</u></p>	<p>130 Amp Alternator</p>

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Patent Pending All Designs

September 2004

AMERICAN BUREAU OF SHIPPING

A.B.S.

UNITED STATES COAST GUARD

These are the " RULES " by which we have designed and built our vessels to meet. These are the most stringent regulations in the U.S. for touring passenger vessels.

We have designed the Hydra-Terra to be the safest vehicle / vessel ever built.

Our hull is 100% aluminum construction.

Our unique design provides the vessel with a positive displacement foam flotation system that will make the vessel float upright and on top of the water even if you pull the plugs out of the bottom. This vessel could have a hole torn into the bottom of it 2 foot square and she will still float. This is because our flotation foam is compartmentized and encapsulated in aluminum.

The Hydra-Terra has the best designed hull for amphibious operations.

Hydra-Terra has the greatest freeboard of any amphibian we have ever seen. The Hydra-Terra is able to take 6' sea's without any problem.

We have 4 foot plus freeboard.

The Hydra-Terra is designed with a true upward sweep as a boat should. This lifts the bow up and over a wave even if it exceeds 6' in height.

Our design is all new. This means we have the all of our weight and balance in our hull's original plans. We built this vessel for this exact job. Since we haven't used any existing old hull we do not need added weight to balance.

My name is John Giljam, I have been designing and building specialty vehicles for all of my life. We have built all types of vehicles from ambulances and fire apparatus to oil field rigging trucks. We owned and operated a successful tour company on Hilton Head Island in South Carolina. This gave us a tremendous advantage in the designing of our Hydra-Terra line.

We believe it to be the most technologically advanced, safest amphibian ever built.

Welcome to a whole new world....