

MICHAEL BRANDY, DESERET MORNING NEWS



A seagull eats one of the more than 200,000 fish stocked into Oquirrh Lake at Daybreak.

The fish include species that will help manage the overall ecology of the lake as well as provide great fishing for anglers next summer.

FISH by the numbers

160,000 Minnows Minnows feed on insects, mosquitoes and algae and serve as prey for larger fish.



Channel Catfish

12,000

Channel Catfish

Channel catfish prefer areas with deep water, clean gravel and boulder areas and low to moderate current. The adult channel catfish are bottom feeders that will eat insect larvae, small fish and dead fish.

30,000

Bluegill Bluegill are routinely stocked in lakes and ponds as food for largemouth bass. Their preferred habitat is clear, warm lakes. They are an excellent game fish, especially for young anglers.

6,000

Largemouth Bass

Largemouth Bass prefer warm ponds, lakes and slow, sluggish streams. They eat large insects and small fish.



Largemouth Bass

Five miles of pathways will eventually surround Oquirrh Lake as Daybreak is committed to providing a walkable community.

ILLUSTRATIONS BY LOU ANN HELLER, DESERET MORNING NEWS

DESERET Morning News

Daybreak's Oquirrh Lake opens Aug. 19



IT'S NOT VERY OFTEN that you can go to the grand opening of a new lake. But on Aug. 19 Kennecott Land and the Daybreak Community in South Jordan will celebrate the opening of the first phase of Oquirrh Lake.

Once the lake is finished, which will be around 2010, the water will cover 85 acres, with a lot more land in wetlands, trails and parks. How big is 85 acres? A full-size soccer field is less than two acres in size, so the new lake is almost as big as 50 soccer fields. That is also about the size of Liberty Park in Salt Lake City. Because the lake has a meandering shape it will be almost a mile long. Five miles of trails will be built around the lake and nearby parks for walking, running, and bicycling. There will also be a boat marina for sailboats (only non-motorized boating is allowed).

Water coming into Oquirrh Lake will be filtered to a clarity that is greater than that of Utah's pristine mountain lakes - you'll be able to see at least 4 feet down from your boat! Which means the water will not only be good for boating but also for watering plants and parks. An important part of building a new lake is to make it work as a natural ecosystem. That takes a lot of planning with biologists who work with fish, as well as water scientists and



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Kennecott Land

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newspapers in education

What: Camp Daybreak
The Grand Opening of Oquirrh Lake

Where: Daybreak
Eastlake Village
11400 S. Bangerter Highway
South Jordan

When: Saturday, Aug. 19
10 a.m. - 1 p.m.

For more information, visit www.kennecottland.com or www.daybreakUtah.com or call 801-446-9022

The public is invited

Bluegrass music
Storytelling
Bike riding
Tipi tents with crafts for kids
Trading post

Canoe rides
Pie eating contests
Tug of war
Rock climbing wall
Talent show
Camp grub



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landscape architects. There will be a wide variety of underwater plant life plus many kinds of trees and shrubs around the lake.

The Kennecott Land team designed wetlands around the lake to retain 100 percent of its storm water and snowmelt runoff. The wetlands look like they're part of the lake, but they are actually a separate system. Wetlands will grow cattails and other marsh plants for birds to nest in. The wildlife around Oquirrh Lake will include small mammals, birds, fish and other water-related species.

Not only will pumps and filters help keep the lake clean, biologists have selected a variety of fish species that will serve different functions. In

May 2006, more than 200,000 fish were added to the lake and more will come later this fall. Sucker fish will help keep the bottom of the lake clean. And top feeders, such as trout and bluegill, will help keep the mosquito population under control - as well as keep the neighborhood angling population entertained. Rocks from the Bingham Copper Mine have been placed under the lake bed for fish habitat as well as along the shore of the lake to prevent waves from damaging young landscaping. Fishing begins next summer.

Now that you know all about Oquirrh Lake and the smart engineering that keeps the water clean and wildlife happy, come out to see it this weekend.