

Aqua Craft® Fills New 2.2 Million Gallon Dolphin Pond at Mirage Hotel, Las Vegas



Among Aqua Craft Products® many customers is the **Mirage Hotel & Casino**, in Las Vegas, Nevada. They were first contacted by the Mirage Hotel in the early 2000's needing salt for their dolphin display: **Siegfried & Roy's Secret Garden and Dolphin Habitat**. They requested a unique formula that would yield very precise levels of various ions when used in conjunction with their complex water and filtration system.

In order to exceed the customer's needs, Aqua Craft Products® worked hand in glove with the project director along with several outside laboratories to perfect this specially formulated mixture. Because of the consistent quality of their products and their ability to produce bespoke formulas, the Mirage Hotel has remained a happy customer for many years.

Aqua Craft Products® employed the proprietary **13045 PROCESS®** to construct this **ECOSEA®** formula. ECOSEA® is their registered trade name for any custom marine salt formula produced exclusively with the 13045 Process®. E.g. When a large scale customer needs a marine salt formula with specific amounts of calcium, magnesium, sulfate, potassium, bromide, carbonate hardness, etc., Aqua Craft Products® produces this exacting mixture utilizing the 13045 Process®. This new unique formula is then assigned its own custom item name: "ECOSEA®-_____". This identifier will be used on all future invoices and clearly printed on the bulk sacks.

ECOSEA® is packaged into bulk sacks (up to 2,400 lbs / 1,091 kg) for direct unloading over a mixing container. A forklift is needed to lift the bulk sack, which can then be opened from the bottom so that the salt drops directly into a mixing tank. These bulk sacks are designed with a special form fitting material and a moisture and vapor barrier liner, to maintain the dryness and integrity of the salt.

Since the early 1970's, Aqua Craft Products® has been producing marine salts for: public aquarium displays, universities & schools, research laboratories, aquaculture facilities, live seafood sellers and home aquariums of the everyday hobbyist. The water quality produced from salt remains the prime focus when formulating mixtures to meet the different needs for each specific situation.



The Mirage Hotel's Secret Garden Dolphin Habitat has since been happily using Aqua Craft Products ECOSEA® salt for all their water changes. After much planning and consulting with field experts, the Mirage recently built a brand new addition (in 2014), which increased the Secret Garden Dolphin Habitat to 2.2 million gallons. Aqua Craft Products® was naturally contacted again to provide the specific ECOSEA® formula they had designed personally for the Mirage Hotel's needs.

Eleven full truckloads of bulk sacks were required to setup the Secret Garden's new marine addition. 20 bulk sacks fit in each full 40' truck. Each bulk sack holds 2,300 lbs (1,024 kg) of salt, which makes about 10,000 gal / 29,062 L at 30 ppt. salinity. This amounted to 220 bulk sacks totaling a net weight of 506,000 lbs / 230,000 kg of salt. Aqua Craft is extremely proud of the water quality and chemistry that they have created to nurture these beautiful, majestic creatures. You are welcome to visit **Mirage's Secret Garden Dolphin Habitat** to see for yourself. ♦



Siegfried & Roy's Secret Garden and Dolphin Habitat
Captive dolphins in saltwater made with 100% ECOSEA®.

