



SSP WaterPlay



Water Playground Equipment



Water Odyssey from SSP WaterPlay Systems

As sole UK agents for Water Odyssey water playground equipment, SSP WaterPlay Systems supplies and installs the highest quality water play equipment available in the market today. Services include complete turnkey solutions from initial CAD design through to installation and commissioning. Our fully stainless steel fabrications are available in both above ground and flush-mounted designs and are supplied in a wide range of bright colours.

Bespoke colours, designs and additional graphics can be provided as part and parcel of an overall package for clients.

SSP WaterPlay have many parks now operating across the UK, and are the leading Water Park creator, with clients including Legoland Windsor, Bourne Leisure, Wonderland Adventure Park & several local authorities in England, Scotland and Wales.



Water Playgrounds

Water playgrounds are an ideal addition to city and residential parks. Water playgrounds are characterised by the absence of a basin or standing water. This type of system is typically referred to as a 'dry basin', 'hidden bush' or 'zero depth' installation. Water play areas are also frequently integrated into leisure centres and water parks.

Recreational Attraction Water playgrounds outdraw traditional playgrounds

Play Safely When properly designed and maintained, water playgrounds are as safe, or safer, than traditional playgrounds and swimming facilities.

Cost Effective Installation Water playgrounds cost significantly less to install than commercial swimming pools.

Cost Effective Operation Overall operating costs for the typical water playground are substantially lower than for a commercial pool and lifeguards are not required.



Water Playgrounds - Construction Features

Beneath the play surface is a complex and high quality selection of pipework, fittings and bases that ensure the ongoing integrity of a water park, and provide simple and easy access for maintenance and winterisation.

Certain effects can be designed to integrate lighting and drainage, particularly effective for deck level features, and providing an alternative ambience if required, to attract and appeal to a wider audience, as the usage and demographic traffic alters throughout the day or season.

The construction is the heart of a successful water park, and at SSP WaterPlay we utilise only the best equipment to ensure long life and ongoing performance.



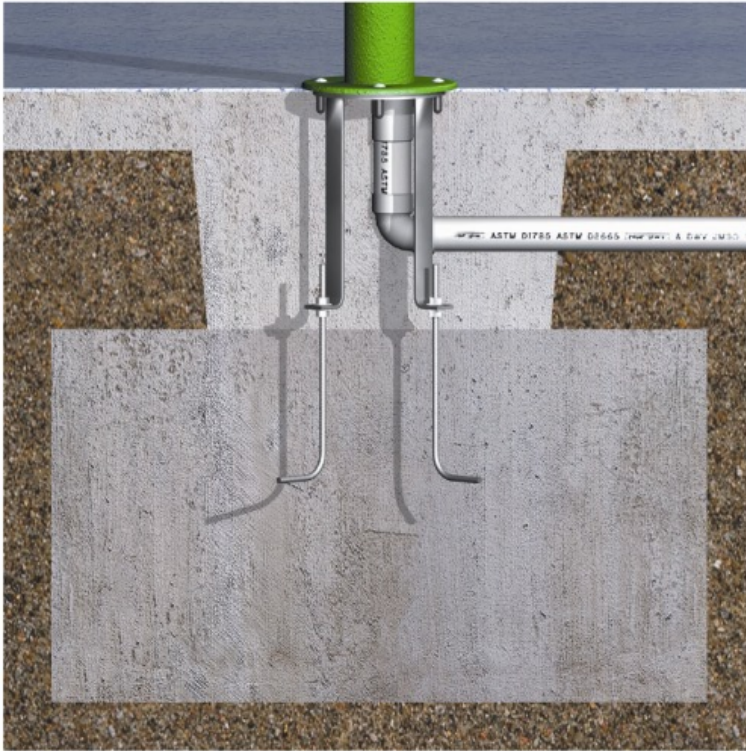
Unique Anchor Base Design

Only Water Odyssey™ offers a functional anchor base type design on all above grade play elements. This feature guarantees an easy precise installation.





Unique Anchor Base Design



The anchor base design allows above grade play equipment to be easily removed for winterisation, maintenance, relocation, or repair.

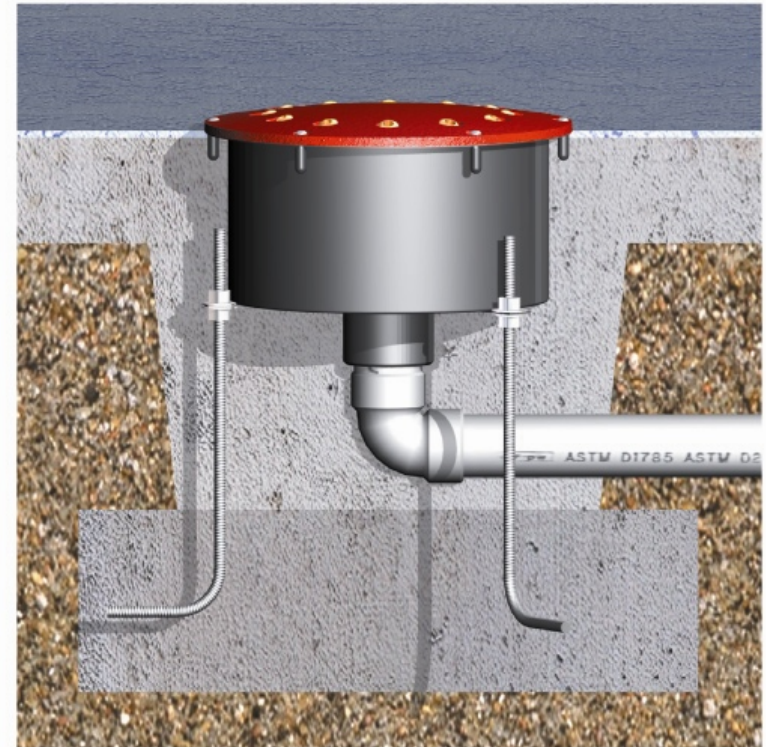
The Water Odyssey™ anchor base has been designed to ensure structural integrity. The anchor base and all recommended foundations have been certified by a Registered Structural Engineer.





In-Ground Equipment Design

Water Odyssey™ in-ground equipment features an anchor bolt design that ensures level installation. Each unit is supplied with stainless steel anchor bolts with levelling nuts and washers, a wood anchor bolt template, and a polyethylene construction cover to protect the unit during concrete pour and surface finishing.



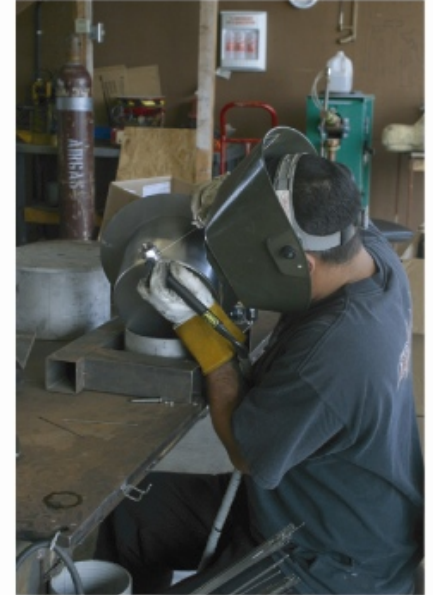


In-Ground Equipment Design



Water Odyssey™ aquatic playground equipment is manufactured in the USA to the highest quality standards.

All welding, machining, preparation, and coating are done in-house by our skilled craftsmen.



Packaging and crating is designed to protect the product during shipment so that it arrives at the jobsite in perfect condition.



Water Playgrounds - Effects & Play Equipment

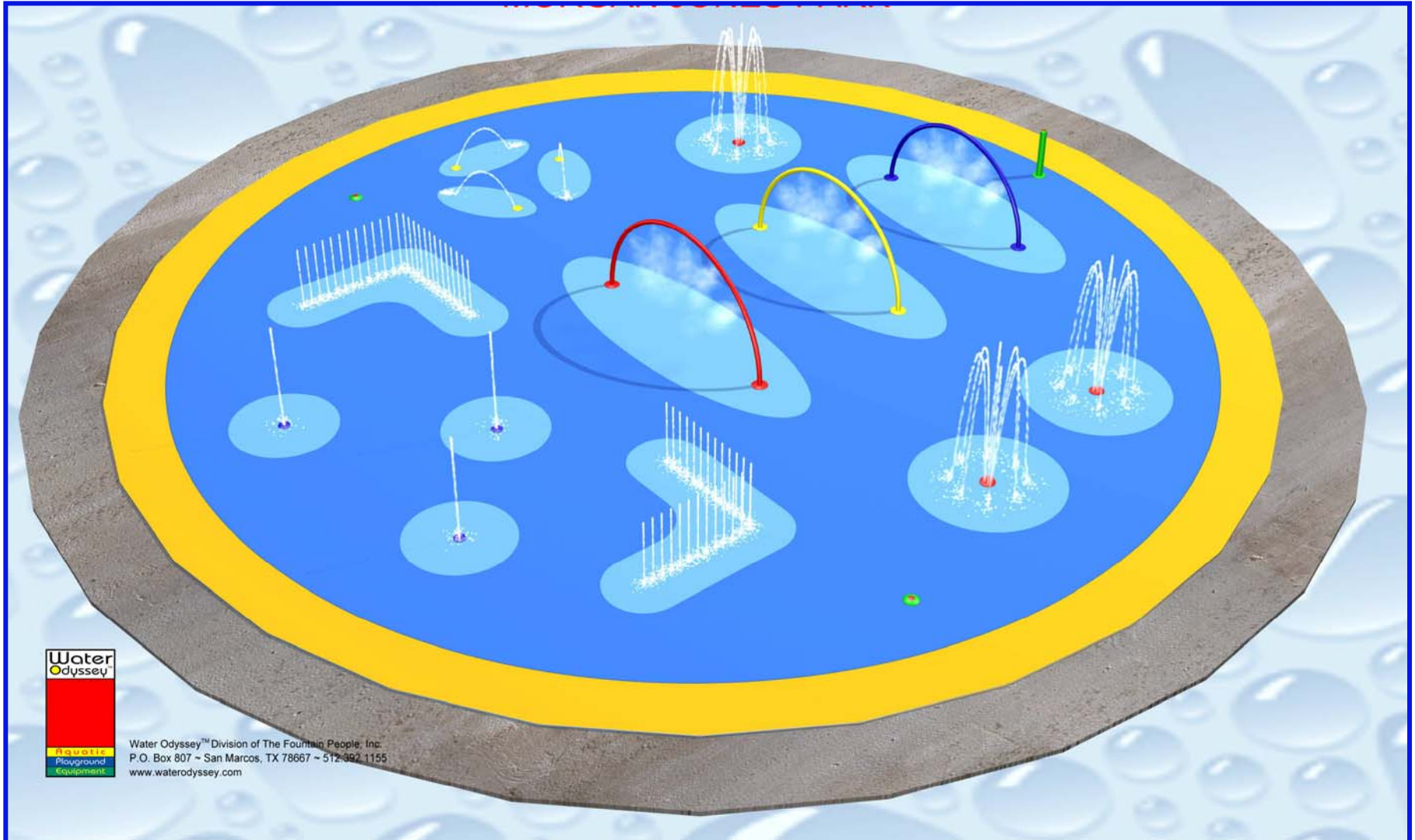
At SSP WaterPlay, we use a basic range of in-ground jets and above ground effects that combine to produce an almost inexhaustible variety of water play that is exciting , safe, durable and easy to maintain.

Standard equipment can be adapted, modified, coloured and enhanced to produce a unique set of play features that promotes water play in conjunction with the ethos or theme of your designated park area.

With additional interactive features for nearly all equipment, plus the Launch Pads, Touch and Go bollards, and Sound Sticks, a bespoke play pattern can be devised, or a beguiling random sequence can be devised to keep children happily entertained for hours on end!



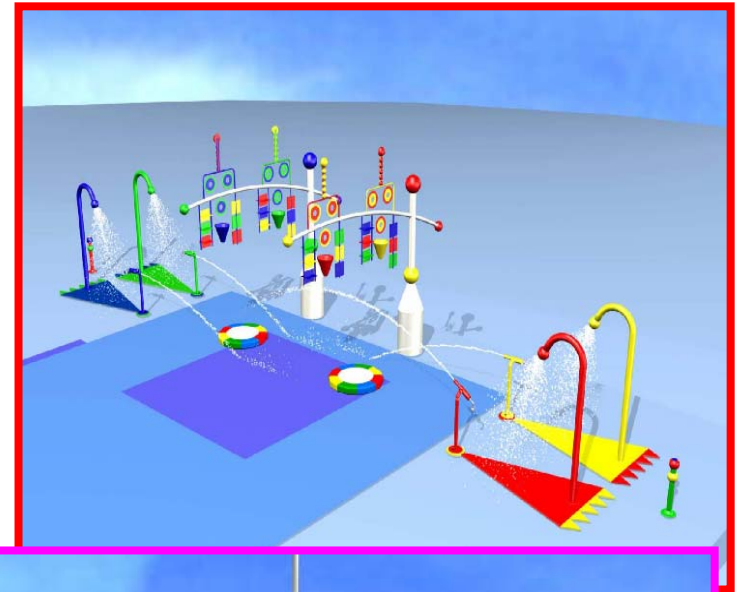
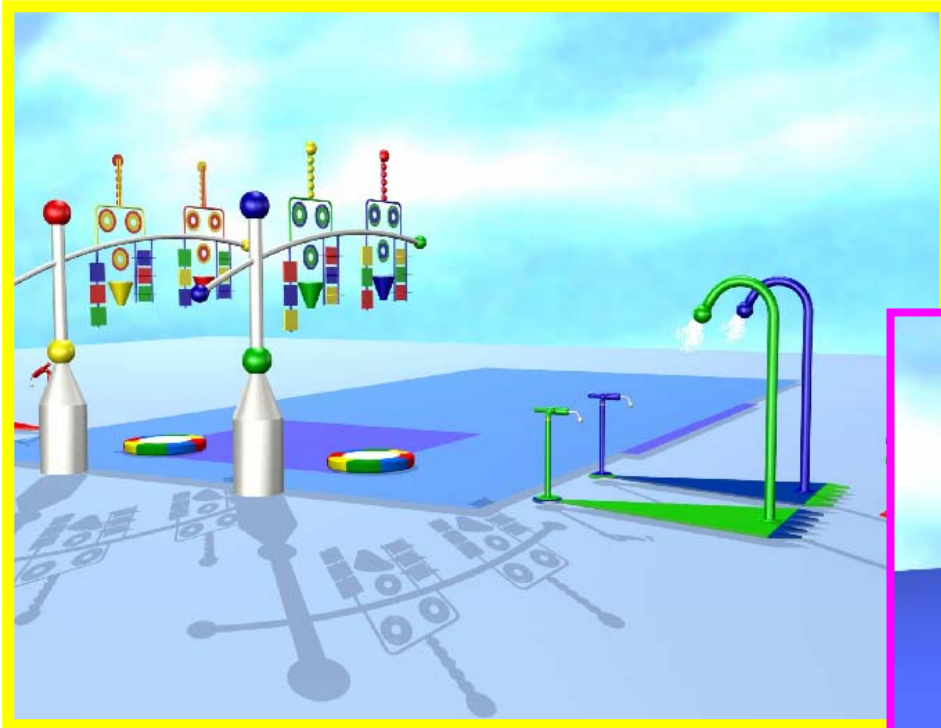
A Typical Interactive Water Park Layout



Water Odyssey™ Division of The Fountain People, Inc.
P.O. Box 807 ~ San Marcos, TX 78667 ~ 512.992.1155
www.waterodyssey.com



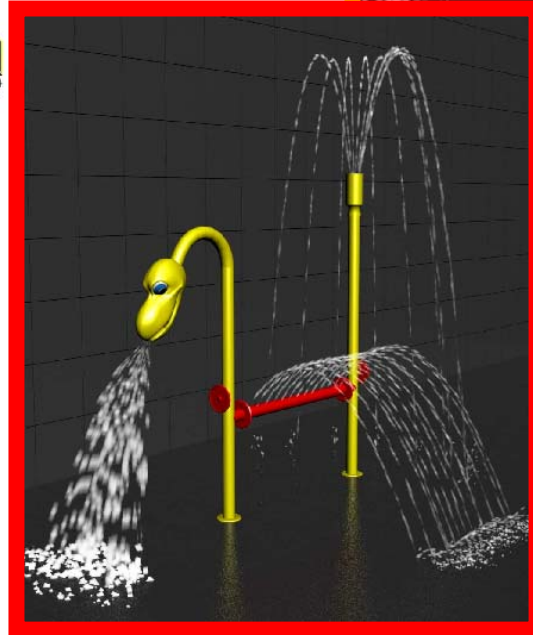
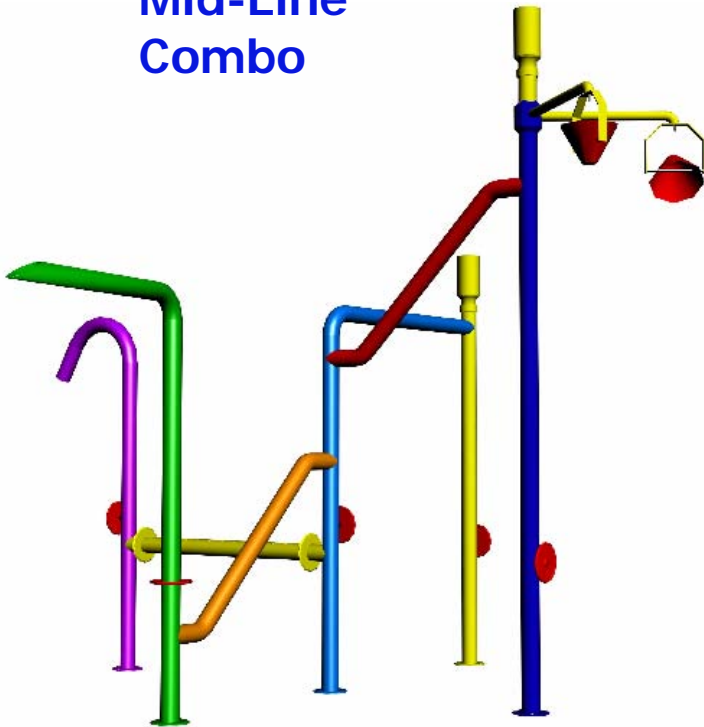
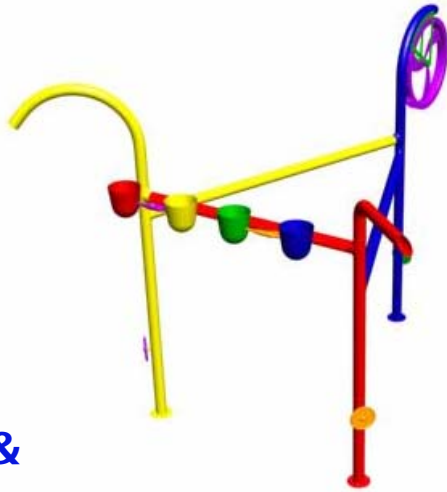
New Concepts



Extending interactive fun
for older children



**Triangle
Combo &
Mid-Line
Combo**



**Giraffe Combo &
Bird Combo**



Plant Room & Maintenance

The plant room is the control centre for the smooth running of the water park. It houses all of the effects pumping equipment, balance tanks, filtration pumps and chemical dosing reservoirs. The control panels and manifolds are also located here at a convenient level for access and maintenance.

Training on the operation and maintenance of the plant room and 'splash zone' are provided by SSP WaterPlay, to all staff who would be involved in the daily running of the water park.

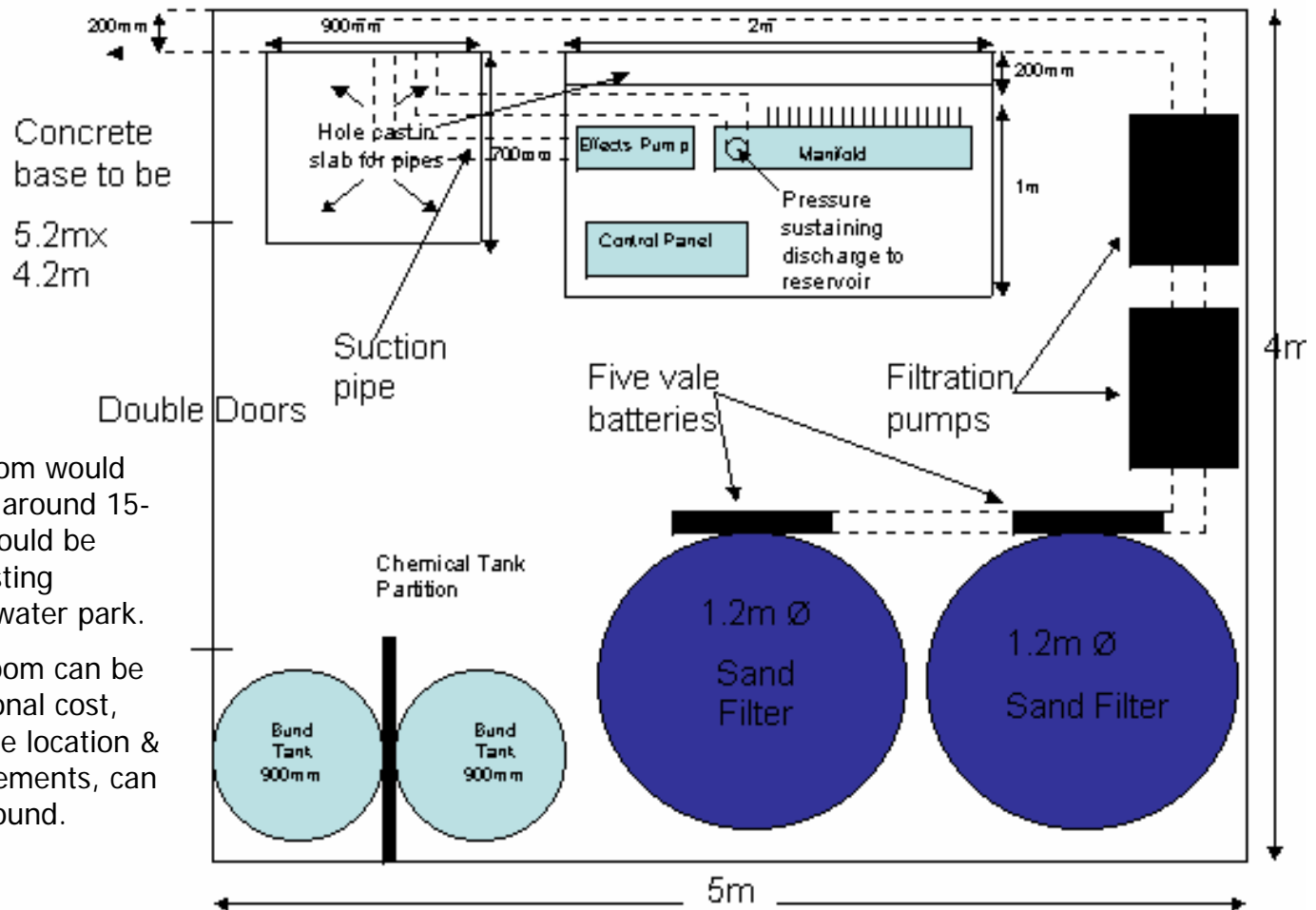
Key maintenance involves the cleaning of the filters, ensuring the chemical dosing tanks are kept topped up, and testing the water quality (recommended three times daily).

The park itself should be inspected and cleared of foreign objects, and can be cleaned as required using a pressure washer.

Plant Room

SSP WaterPlay Ltd

Plant Room Layout



Typically the plant room would require a footprint of around 15-20 sqm and ideally would be located within an existing building close to the water park.

If required, a plant room can be provided at an additional cost, and, depending on the location & environmental requirements, can be installed below ground.



Dynamic Sequencing Controller

WDC - Inputs/Outputs - W - Enclosure



Inputs/Outputs	
816	8 Inputs 16 Outputs
1632	16 Inputs 32 Outputs
2448	24 Inputs 48 Outputs
3264	32 Inputs 64 Outputs
4080	40 Inputs 80 Outputs
4896	48 Inputs 96 Outputs

Wireless Receiver	
W	128 Wireless Inputs (includes antenna and 150' cable)

Enclosure Description	
N1	NEMA 1 housing.
NX	NEMA 4X housing.
P	Powder coated steel pedestal housing with lock.
PSS	Stainless steel pedestal housing with lock.

The Water Odyssey™ Dynamic Sequencing Controller is a revolutionary development in aquatic play. It has been developed by our Engineering Staff specifically for aquatic playgrounds. This unique control device offers exceptional capability at the lowest price per output in the industry.



Dynamic Sequencing Controller

Features

Controls Park Hours: Park hours can be set or adjusted in seconds.

Exceptional Capability: The WDC Base Module has 8 wired inputs and 16 outputs and is expandable to 80 inputs and 160 outputs. All wireless WDC Controller assemblies include 128 wireless inputs.

Easy to Program in the Field: An easy to read 4 x 20 character backlit LCD display and simple logic make this controller easy to program. It is also easy to change programs in the field.

Easy to Install: Each WDC Controller is supplied with polarised connectors with a quick connection tool.

Four different Types of Sequencing: Four different types of play equipment control are provided by the WDC Controller - *Duration Timing*, *Cycle Timing*, *Defined Sequencing*, and *Dynamic Sequencing* (reactive).

Cost-Effective: The WDC Controller base module with 8 wired inputs, 128 wireless inputs, and 16 outputs is priced substantially below competitive units with only 4 outputs.

Password Protection: Each WDC Controller assembly has integral password protection to secure programming from changes by unauthorised personnel.

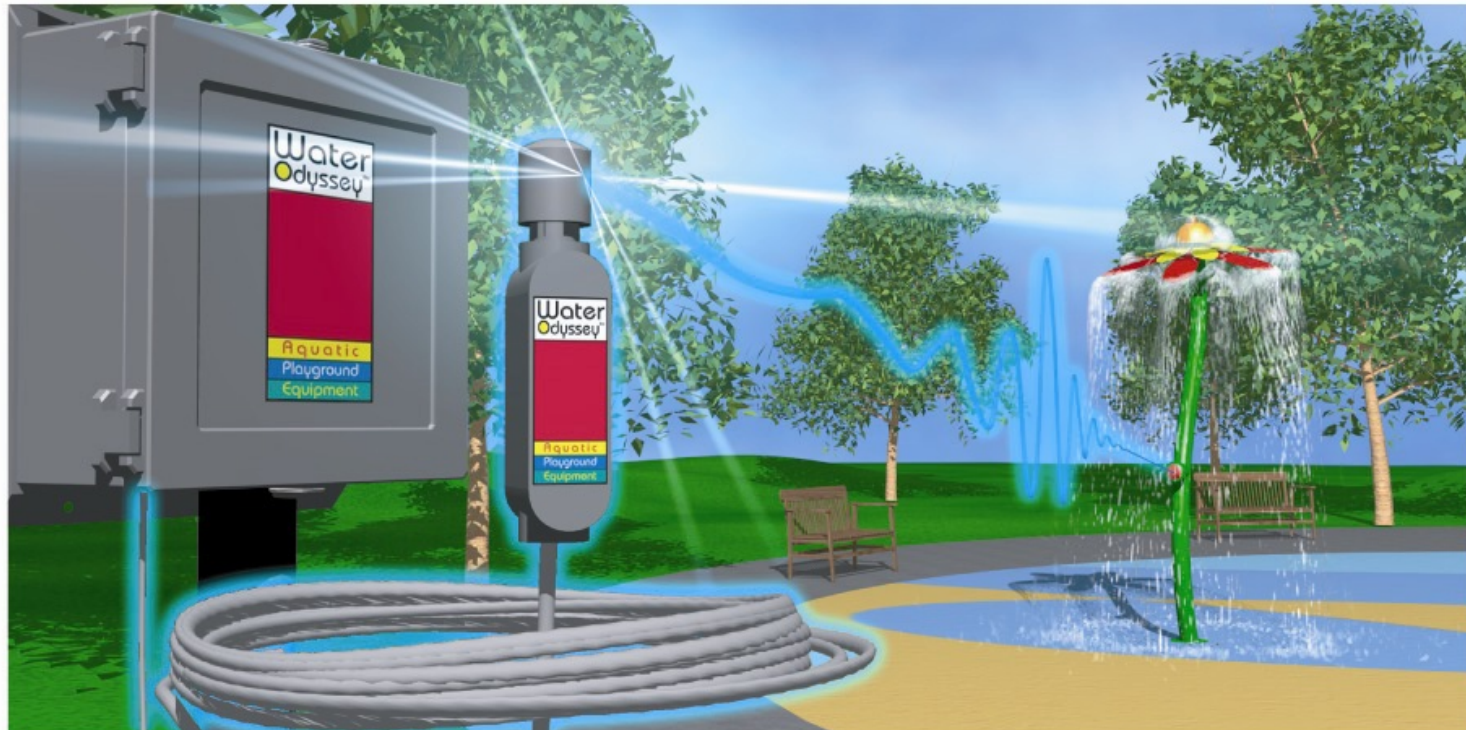
Safety: All WDC Controller assemblies are U.L. Listed for safety and are built by us in our U.L. Panel Shop.



Wireless Activation

Activators and controllers are used to create a Play Scenario for an aquatic play area. The Activators send a signal to the Controller, that in turn tells which valves to open when and for how long. More simply, a child steps on or pushes a Water Odyssey™ activator button and the play equipment begins to spray in predetermined patterns and sequences.

Water Odyssey™ wireless activators are powered by a safe 9-volt battery that only requires changing annually. No conduit or wiring connections are required between the controller and the play area.





Wireless Activation

Shaft Mounted Activator Button

Shaft mounted activator buttons are featured options on most above ground play elements.

Catalogue Number: Add suffix **-SW**.



Surface Mounted Launch Pad™

The versatile Launch Pad™ may be deck or wall mounted.

Catalogue Number: W017-W



Touch & Go™

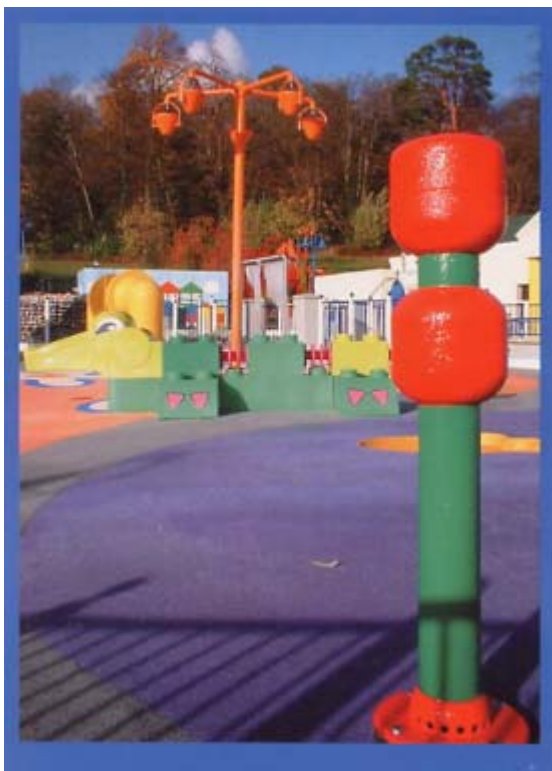
The wireless Touch & Go™ bollard features a top mounted activator button that is also available with the Mushroom Maze™ and Water Web™ play elements.

Catalogue Number: W009-W

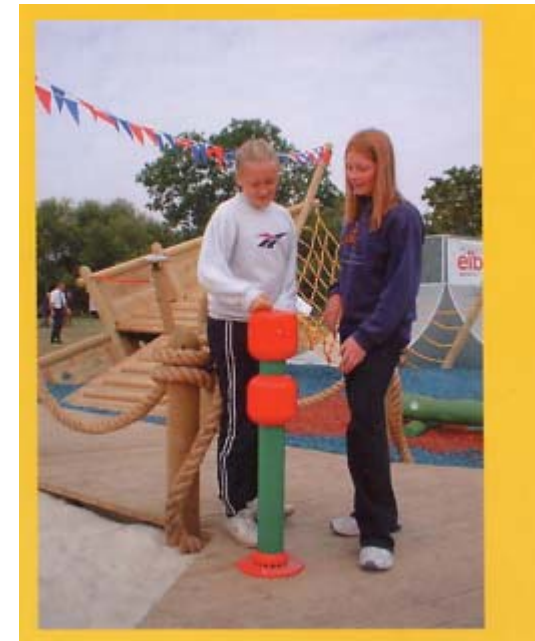




Sound Stick™



The Sound Stick™ sends a signal to a control panel which houses the programmable controller and sound card. Each card holds up to 24 minutes of sound which can be a message, welcome or themed sound relevant to the play scenario. Each Sound Stick™ can even play multiple messages activated from different activator pads, or played in sequence either following activation or at pre-set time delays.



The Sound Stick™, introduced to widen accessible play for children of all ages and abilities, offers a unique opportunity to bring inclusive play into new or existing playgrounds. Each Sound Stick™ houses an activator button and a speaker. The button only requires the lightest touch to trigger a customised sound. The height of the bollard can be amended at manufacture to suit individual requirements. Situated at the edge of the main play area, the Sound Stick™ offers less confident or disabled children the opportunity to be very much part of the play experience.

The Sound Stick™ is manufactured in stainless steel with a durable aliphatic urethane coating and is available in a wide range of colours or can be visually enhanced with a bespoke design. All deck and wall mounted activation pads conform to BS EN 1177 and are installed to EN 1176 standards



Interactive Play Equipment

Waterfun

Portfolio

Accessories

Plug n&Play

Educational table top water play

Innovative table and tank water play that is interchangeable – early water education for nurseries and primary school children from 3 upwards.

'Plug n&Play' has been developed to offer value for money educational water play. The unique design allows clients to purchase as little as a single tank and then add both features and extra tanks as both budget and desire allow. Each piece of play equipment is constructed from a combination of stainless steel and GRP that can be coloured in a number of primary or natural shades.

Children can explore water play and experience the variety of ways that it can be channelled, tipped, splashed, carried and moved. Water is fed into the system from a simple connection to mains water and moves by gravity from one tank to the next via an inter-connecting trough. There is no need for expensive pumps or even electricity.

At the end of each play session, the equipment can be stored away safely, and the tanks secured with decorative lids that offer all year round play functionality. Additional accessories and toys are also available; please contact us for more details.





Squirters - Hand pump water play

The 'Squirters' range of water toys brings traditional hand-pump water play into the 21st Century and can now deliver jets of water in excess of 4m; different effects can be created by introducing different nozzle types and sizes. Available as themed equipment to work within an existing format or as a unique design created to fulfil your vision, 'Squirters' add a new dimension to an established favourite. Whatever design you choose, rest assured that it will be engineered for durability with both handles and diaphragms designed to absorb the strongest physical pressures that young children can exert in robust play.

Waterfun

Waterfun products are a departure from pumping package controlled equipment. All products are either gravity or mains fed, and some have interactive hand-pump controls to add even more fun!



Spill Tower

'Spill Tower' is a 'splash centre' based on a 'wild west' water tower. It incorporates a variety of water effects to splash, spray, dump and shimmer water from 9' high! 'Spill Tower' can also be styled as a grain silo, castle tower or lighthouse.

Leisure centres, swimming pools, water playgrounds or virgin sites can all benefit from this latest development in water play technology. This hydraulically fed product can be engineered as an additional feature in a sequenced interactive water park or as a stand-alone feature.

A selection of effects, that can be modified to suit, are available to complement the surrounding play environment. 'Spill Tower' requires both mains water and electricity (single phase) for operation.

Water Tumble - Gravity fed water play

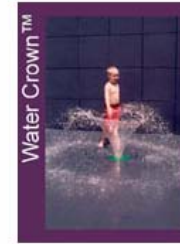
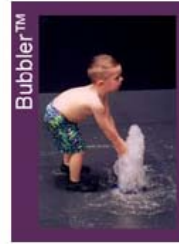
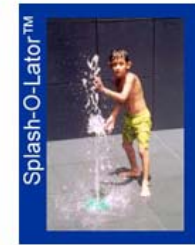
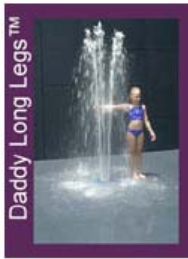
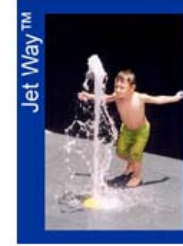
Water is mechanically driven up to a holding tank and released through valves, channels, buckets, cones and pipes to create a variety of water play scenarios for children 6-12.

A variety of effects and designs can be created from G.R.P. or polyethylene to suit a variety of play environments. This product can be used as a 'stand-alone' item, or incorporated into existing play facilities. Water Tumble requires access to mains water and is suitable for interior or exterior use.



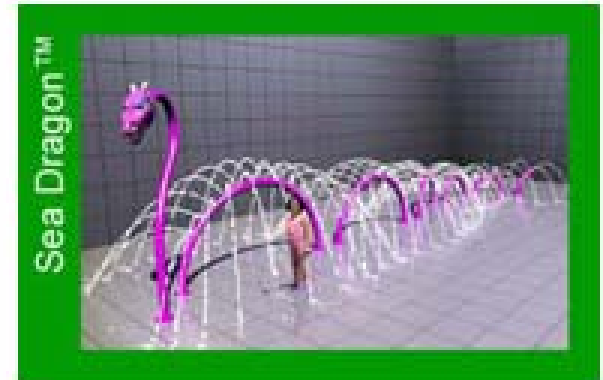
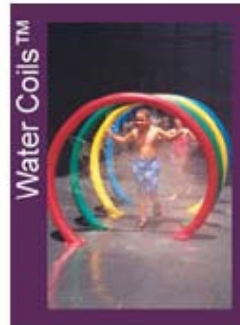
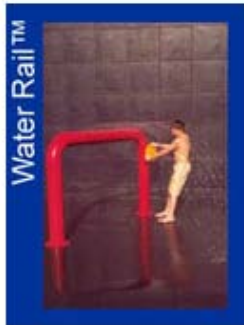


Interactive Waterplay Equipment - In-Ground Elements



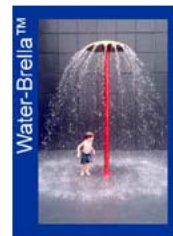
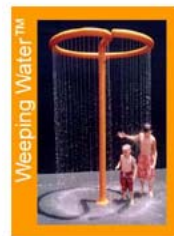
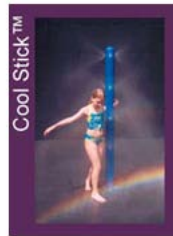
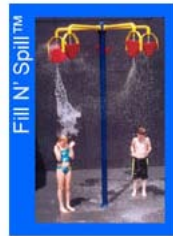
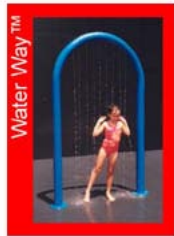


Interactive Waterplay Equipment - Low Level Above-Ground Elements

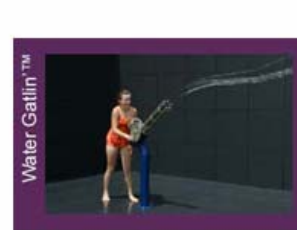




Interactive Waterplay Equipment - High Level Above-Ground Elements



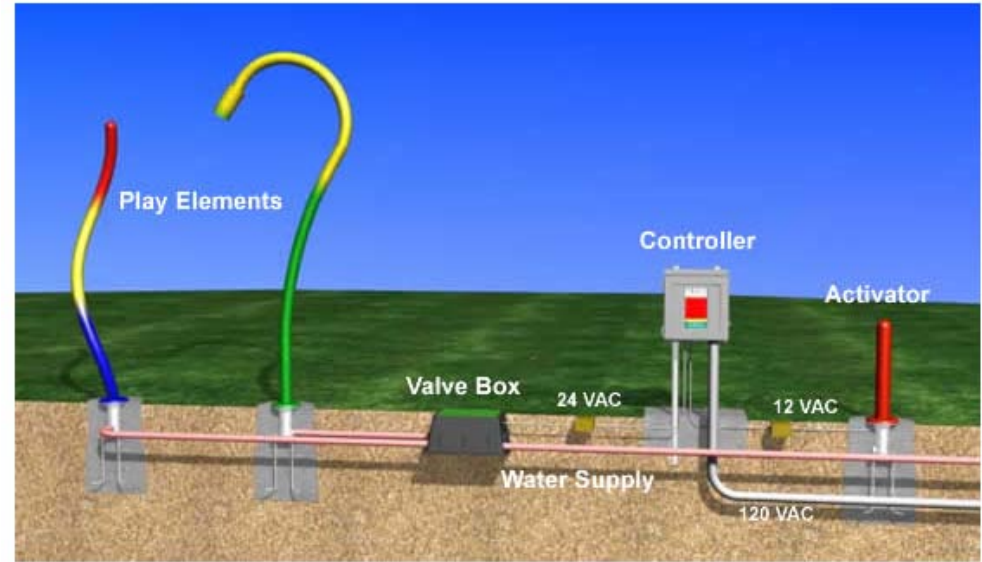
Interactive Waterplay Equipment - Shooters





Waterplay Accessories - Activators and Controllers

Controllers and activators enhance the interactive play experience in an aquatic play environment. By simply pushing a button or stepping on a pad, a play element or group of play elements are turned on. The play elements may be turned on for a fixed duration (at which time they would need to be reactivated), or could be controlled by a sequencing programmer.



Waterplay Accessories - Accessories





Portfolio

Bourne Leisure Sites

Cala Gran
Thorpe Park
Marton Mere
Greenacres
Quay West
Hopton

Commercial parks

Legoland, Windsor
Wonderland
Crealy Adventure

Overseas

Al Watan

Local Authority

Ryde, Isle of Wight
Aberavon
Hedge End, Southampton
Grays Beach, Thurrock
Vale of White Horse, Abingdon
Wellingborough
Rugby
Chester, Sandy Lane
Eastleigh, Fleming Park
Matlock
Blyth
Dundee, Castle Green





Summary

- 21st century facility for all children
- Safe, Highly Interactive & Fun!
- Unique individual layout for your park
- No Standing Water, No Life guarding
- Access for all ages & abilities
- Winterisation Play Options available
- Easy to run & maintain