

Aquatic Facility - Final Inspection (General)

Facility Name		The Mews Apartments				
Facility Address		147-159 Charles Street WEST PERTH				
Inspecting Officer		Henry Tan				
DOH/Local Government		City of Vincent				
Assessment Date		28 March 2017				
CODE REF	ITEM	ADDITIONAL INFORMATION		COMMENT		
	General Pool Information	Facilities		Leisure Pool	<input checked="" type="checkbox"/>	
				Lap Pool	<input type="checkbox"/>	
				Learn to Swim Pool	<input type="checkbox"/>	
				Hydrotherapy Pool	<input type="checkbox"/>	
				Spa	<input type="checkbox"/>	
				Waterslide	<input type="checkbox"/>	
				Playground/Spray Park	<input type="checkbox"/>	
				Other	<input type="checkbox"/>	
		Group	1 <input type="checkbox"/>	2 <input type="checkbox"/>	3 <input type="checkbox"/>	4 <input checked="" type="checkbox"/>
		Age	New	<input type="checkbox"/>	Existing	<input checked="" type="checkbox"/>
		Location	Indoor	<input type="checkbox"/>	Outdoor	<input checked="" type="checkbox"/>
		Other information	Pre-existing pool built around 1977. No approval known/recorded.			
2.5	Colour	Pool floor and walls to be light in colour		Compliant. Light blue/green colour. Bottom of pool clearly visible.		
2.13.2		Contrasting colours for depth markers, step edges, landing edges & pool seat edges.		Step edges clearly visible though the contrasting edge is not according to Code colours. Exemption warranted.		
2.7	Obstruction and Entrapment	Water body not to be constructed with any obstructions that can cause patron to be trapped or injured (wedge or pinch type fixtures)		None detected		
		Fixtures to walls and floors to be flush, with no sharp or protruding edges		None detected.		
2.12.1	Depth Markers	Clearly visible (contrasting)		No depth markers. Advised to install or Spray / paint on concourse.		
		Located at regular intervals around pool and min/max depth areas		No depth markers. Advised to install or Spray / paint on concourse.		

		Markers required on vertical and horizontal faces if deck is more than 125mm above waterline		No depth markers. Advised to install or Spray / paint on concourse.
		No more than 7.5 metres between markers		No depth markers. Advised to install or Spray / paint on concourse.
		Minimum 90mm height		No depth markers. Advised to install or Spray / paint on concourse.
2.10	Pool floor slope	Less than 12.5m long – has an even floor slope		Pool is 9.2m long. Shallow end approx 1.2m, deep approx 2.0m. Gradual slope. OK. Risk will be addressed by depth marking
		More than 12.5m long – gradient less than 1:15		NA
2.11	Starting Platforms	Requires minimum water depth of 1200 mm		NA
2.13.1	Access / Egress	Access required at shallow end where pool >600mm depth		Steps present.
		Where pool depth is 1.8m or more, egress also required at deepest end		Ladder present.
		Where pool width is more than 9m, egress required on both sides at deepest end		Pool width 4.6m
		Handrails required for access/egress points		Steps do not have handrails. Not required under the old regulations.
2.13.2	Projection Dimensions	Swim-outs, seats and landings not to project more than 600mm into water body		None. Wall of pool curves flat to floor on all four sides.
2.13.2	Stair Step Dimensions	For pools <12.5m length, step tread min 200mm, riser max 300mm		Steps are of uneven dimensions. Max riser measured 240mm. Thread approx 300mm.
		For pools >12.5m length, tread min 300 mm, riser max 250mm		NA
3.2	Water Outlets	Pool < 450 m ² - min 1 surface skimmer		1 skimmer box
		Pool > 450 m ² - min 50% coverage with perimeter overflow system		NA
3.2.2 3.2.3	Water Inlets	Wall inlets not to extend > 2.5cm from wall		Compliant
		Floor Inlets – flush and tamper proof		NA
3.2.6	Entrapment	Perimeter overflow systems are not to allow entrapment of limb, body or hair.		NA

		Main drain outlets less than 300mm wide and suction points must have anti vortex grates.		NA
		Skimmer box lids to be: child resistant, vented to air, not exceed 280mm in diameter		Skimmer box has standard fastening system. Vented. Less than 280mm. Might require further securing to prevent tampering by child
2.17	Concourses & Walkways	Non-slip surface		Compliant
		Minimum 1m width		Compliant
		No trip hazards		Compliant
		No interference with sight lines for supervision		Compliant
		Drainage to prevent pooling on concourse or draining back to pool: <ul style="list-style-type: none"> Floor graded to drain away from the pool Floor wastes Grassed and garden areas not to drain or run off into pool 		Entry section fairly flat. Splash test shows water does not immediately drain back into the pool. Seeps through the crack in paving. All other sides graded to the small garden bed at the far end of pool.
2.19	Separation Distances	Toddler pools not to be close to deep areas of other pools unless barrier is erected		NA
2.25	Safety Signage	Aquatic facility rules sign (recommended for all facilities, though not mandatory)		Present
		Resuscitation Notice (all facilities)		Present
		“No use of facility allowed after dark” (daylight use facilities)		None. Isolux plot chart required if strata allows the pool to open after dark. Otherwise, signage required.
		“No life guard on duty” (Group 3 & 4)		Present
		Spa safety rules (all spas)		NA
		Spa emergency stop signage (all spas)		NA
		Spray ground safety rules (all spray parks)		NA
2.18	Fencing & Security	Group 1 & 2 – deter unauthorised access when not in use. Group 3 & 4 to comply with AS1926		Compliant
		Auto-closing gates/doors		Compliant
		Auto-latching gates/doors		Compliant

		Gates to open away from pool		Compliant					
		Gate latch to be located minimum 1.5m AGL, or be on inside of gate, and at least 15cm below top of gate at 1.2m.		Compliant					
		Internal pool fences and gate to be minimum 1.2m high		Compliant					
		Clearance beneath fence not to exceed 100mm		Compliant					
		Clearance between vertical barrier rungs not to exceed 100mm		Compliant					
		Non-climbing zone arc 900mm from top of fence or climbing point for barriers <1.8m high		Compliant					
		Where boundary fence forms primary barrier is to be minimum 1.8m high (outside can be climbable, though 900mm arc from top of inside of fence to be a non-climbing zone)		Compliant					
2.16	Overhead Lighting	Lighting to be arranged to minimise glare. Pool decks to be illuminated 3 metres beyond pool.		No glare at 3pm.					
		If pools are not to be used at night sign " No Use of Facility Allowed After Dark" 100 mm high at all pool area access points		None. See previous comment on signage					
2.20	Sanitary Facilities	Facilities to be within 90m of pool		Own apartment units					
		Number of facilities: NA		Water closets	Urinals	Hand basins	Showers	Change rooms	
			Male						
			Female						
			Disabled Access						
	Unisex								
2.22	First Aid (Group 4)	CPR (Resuscitation) notice to be displayed in a prominent location near pool		Present					
2.22.2	First aid signage	Required to clearly identify first aid room or area		NA					

2.24	Rescue Equipment	Group 1, 2 & 3 pools must have rescue equipment. e.g. reaching poles, throw ropes, tubes, life jackets.		Reaching pole present
2.28	Electrical System	Only outlets required for maintenance to be within 3m of water body		Electrical outlets undercover in plant room cabinet. The latch was not locked. Suggest to put up signage to advise not to tamper with equipment.
		Outlets accessible to public to be 1200mm above ground level.		None
		Equipotential bonding for all metal objects with dimensions over 100mm in areas likely to be wet and contacted		Not confirmed. Likely not in place.
		RCD =<30mA devices to be installed to protect outlets		Advised that this is in place.
2.15	Ventilation	Mechanical ventilation required for indoor facilities		NA
	Pumps	Pump Model		Astral Pool VIRON P320 eVo. Pool technician to sign off on Water Body Filtration and System Performance Data Sheet. Turnover rates and filter capacity to be further assessed upon receipt.
		Number of Pumps		1
		Consistent with approved plans		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
3.4.2	Filters	Filter Type	Cartridge <input type="checkbox"/> Sand <input checked="" type="checkbox"/> Diatomaceous Earth <input type="checkbox"/> Benson Defender/Perlite <input type="checkbox"/> Other <input type="checkbox"/>	
		Filter Model Number		Can't identify. Diameter of vessel 0.6m. Estimated filtration area: 0.28m ²
		Number of Filters		1
		Consistent with approved plans		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
		Filter vessels to permit regular inspection		Yes
		Cleaning/backwash facilities		Yes
		Pressure gauges		Yes. working
		Backwash sight glass required		Yes.
		Must be able to be isolated from circulating systems for repairs etc.		Yes.

		Cartridge filters require wash down area		NA
2.21	Backwash Water	Water from filters requiring backwash cycles to be disposed of in accordance with water corporation or local government approval Storm water soak well, leach drains, effluent pond, sewer, backwash tank		LG confirmation required.
3.6	Electrolytic Salt Chlorinators	Must be downstream from filters		Confirmed
		Linked to circulating pump to ensure chlorination only while water circulating.		Confirmation required by pool technician.
		Hydrogen to be off-gassed appropriately		Electrolytic plates above filter level. OK
4.1	Chemical Safety	Chlorine gas installations to comply with Dangerous Goods Safety Act 2004		NA
		Chlorine gas detectors		NA
		Liquid chlorine and acid to appropriately contained in bunds		Acid contained not banded.
3.4.1	Disinfection system	Automatic disinfection injection system required		Chlorine dosing is automatic. No automatic acid dosing system. pH of water sample at the time was 8.2.
5.4	Water quality monitoring	Premises to be equipped with approved water test kit. <ul style="list-style-type: none"> • Lovibond Comparator • Palintest 2000 Comparator • Hach Dr 100 • Palintest photometer kits – 5000, 6000 & 7000 Log book present		Not confirmed.
	Top up water	Top up water to be introduced prior to filter (e.g. into balance tank or skimmer box)		Hose at side of pool
Appendix 3	Heating circuit	Top up water not to enter heating system before passing through filtration system Temperature control must not allow >38 degrees temp		NONE









