

C-M W.S.U.D. Products Index

- Litterbanks
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- Q-Guards
- Wave Rack



C - M Concrete Products Pty Ltd



Keeping you streets ahead

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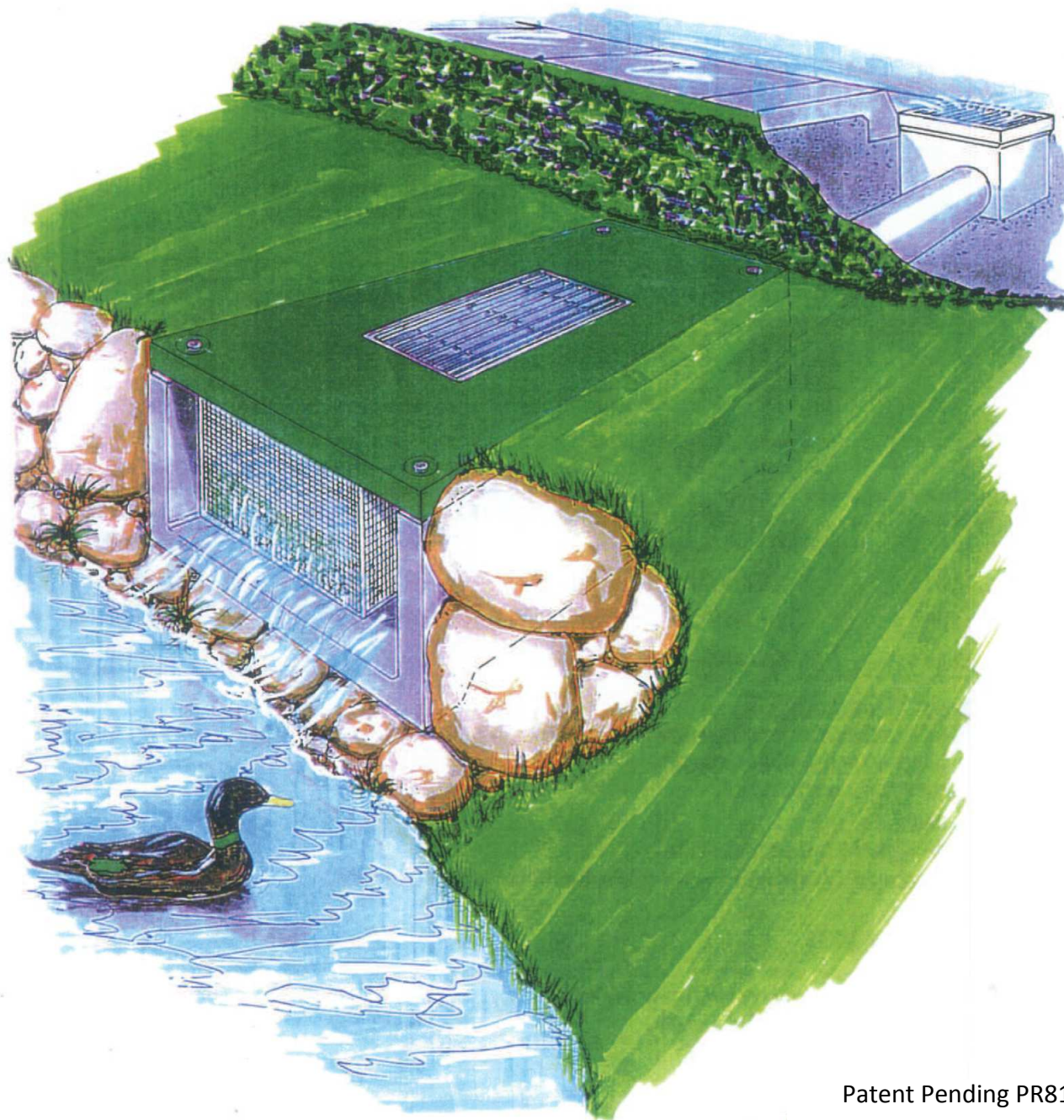
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LITTERBANK™

Concealed Trash Rack



Patent Pending PR8161



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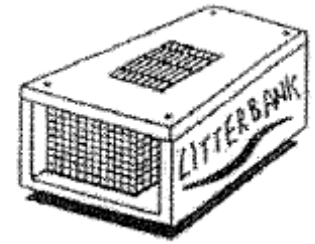
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Introduction

There is a growing awareness of the visual pollution in our waterways and beaches caused by litter.

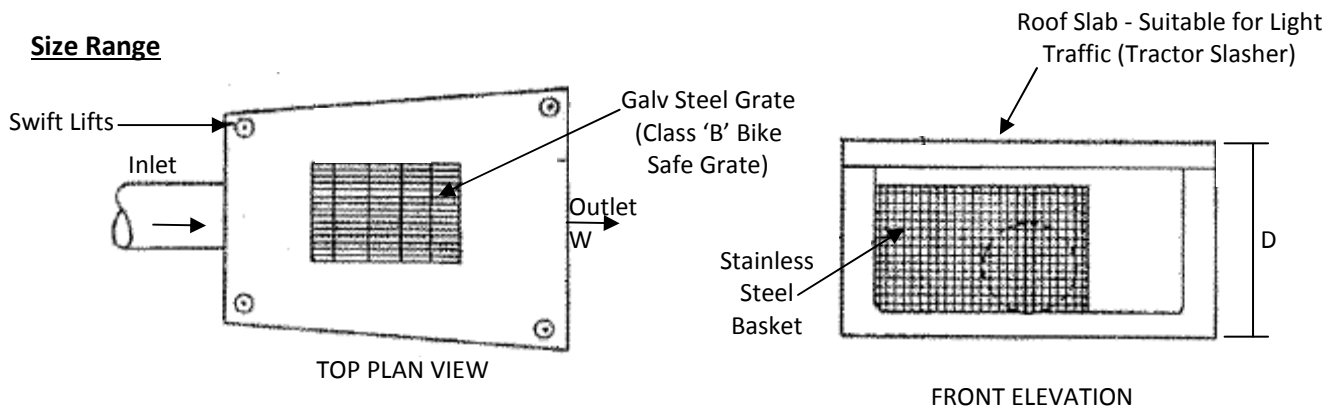
The 'LITTERBANK™' units have been developed to meet the needs of Stormwater managers to the problem.

'LITTERBANK™' units are a 'dry storage device that requires a minimum depth of excavation. They are generally installed on the outlet end of a stormwater system.

Basic Components

- Precast Concrete Chamber (Walls & Floor)
- Stainless Steel Mesh Basket
- Precast Concrete Roof Slab with Galvanised Steel Access Grate

Size Range



MODEL	INLET PIPE DIAMETER (mm)	WIDTH (MAX) (mm)	DEPTH	LENGTH	WEIGHT (TONNES)
			(mm)	(mm)	
LB1	225/300	1200	700	1500	2.5
LB2	375/450	1400	850	2400	2.8
LB3	525/600/750	1800	1150	3000	3.5
LB4	825/900/1050	2800	1500	4800	9.5

Maintenance (Cleaning)

'LITTERBANK™' units have been developed to allow easy cleaning by non manual means. Two alternative cleaning methods are available.

- (a) Eductor (Vacuum) Trucks
Procedure: -
 - Lift the access/Inspection Grate.
 - Insert vacuum hose and remove pollutants from the storage basket.
- (b) Removable Basket
Procedure: -
 - Remove roof slab using swift lift anchors.
 - Lift basket and empty into truck.
 - Replace basket and roof slab.



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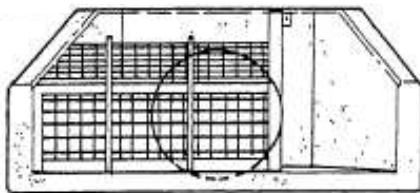
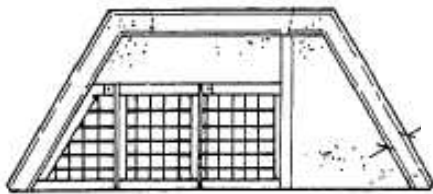
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HEADWALL LITTERCAP

- Economical Litter Control
- Features storm bypass overflow and the collection of gross litter.
- Hardware can be post fitted to existing headwalls. Fitted to standard C-M Concrete headwall designs.
- By-pass passage provided when unit is loaded.



Hinged opening top door for easy clearing. Available in stainless Steel or galvanised steel.

- All dimensions and specifications are subject to change without notice.
- Culvert headwalls can be installed in much less time when precast, plus eliminating high on-site labour costs and filed concrete uncertainties.
- Factory made using high quality concrete and production techniques, save you time.
- They can be handled easily and installed on site with existing pipe laying equipment.

Nom. Pipe Size	Dimensions (Approx. Only)							Weight Kg	CM Number
	A	B	C	D	E	F	G		
300	365	1330	550	620	535	75	425	200	HL391
375	450	1430	550	670	645	75	390	240	HL392
450	530	1500	750	860	850	95	560	400	HL393
525	635	1790	970	1000	1200	100	800	820	HL400
600	735	1790	970	1000	1200	100	800	815	HL401
750	820	1790	970	1000	1200	100	800	800	HL402



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Hydracell - RGU - TGU Litter Baskets

Manufactured By SQID®
Stormwater Management Systems

Hydracell 600 Litter Basket



- For use in: Roadways
Car Parks
Field Inlets
- UV Stabilised Polyethylene and
Stainless Steel Screens
- All Litter Baskets Designed with
By-Pass Capabilities

RGU & TGU 600 x 900 Litter Basket

- Removes all Sediment Over
2mm
- Can be Retro Fitted to Existing
Pits
- Flow Rates Available at Request
- Other Sizes Available at Request



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Q- GUARD™ Quick Reference Guide



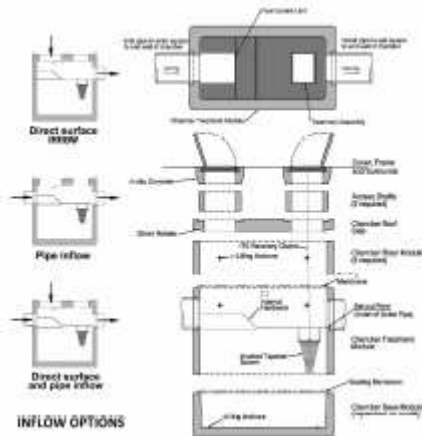
Cost-effective Durable Efficient

TREATMENT FLOW RATE & STORAGE DATA



ASSEMBLED UNIT

MODEL	INLET PIPE SIZE (mm)	DESIGN TREATMENT FLOW RATE (L/s)	STORAGE CAPACITY (m ²)		CHAMBER HOLDING CAPACITY (M ³)
			OIL / FLOATABLES	SOLIDS	
UA1	225	24	0.13	0.45	1.10
UA1	300	36	0.13	0.45	1.10
UA2	375	49	0.13	0.45	1.25
UA2	450	62	0.13	0.45	1.25
UA3	525	75	0.13	0.45	1.16
UB1	375	76	0.51	1.30	4.05
UB1	450	97	0.51	1.30	4.05
UB2	525	119	0.51	1.30	4.44
UB2	600	141	0.51	1.30	4.44
UB3	675	163	0.51	1.30	3.97
UB3	750	185	0.51	1.30	3.97
UC1	525	160	0.89	2.25	8.26
UC1	600	191	0.89	2.25	8.26
UC2	675	222	0.89	2.25	8.89
UC2	750	253	0.89	2.25	8.89
UC3	900	314	0.89	2.25	8.21
UD1	675	318	1.40	3.24	12.77
UD1	750	365	1.40	3.24	12.77
UD2	900	459	1.40	3.24	13.74
UD3	1050	554	1.40	3.24	11.70
UD3	1200	646	1.40	3.24	11.70



EXPLODED SCHEMATIC

'MUSIC' WATER QUALITY INPUT DATA

DESCRIPTION	CAPTURE RATE	DATA VALUES (INPUT, OUTPUT)
Low Flow Bypass	0	0
High Flow Bypass	Refer Table above for Design Treatment Flow Rate	
Total Suspended Solids (TSS)	50%	Min (0,0) Max (100,50)
Total Phosphorus (TP)	20%	Min (0,0) Max (100,80)
Total Nitrogen (TN)	0%	Min (0,0) Max (0,0)
Gross Pollutants (>3mm) (GP)	95%	Min (0,0) Max (100,5)
Hydrocarbons	95%	N/A



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Q- GUARD™ Quick Reference Guide

Quick Reference Chart

10	Covers				
		Module Weight: up to 0.07T	Module Weight: up to 0.07T	Module Weight: up to 0.2T	Module Weight: Up to 0.2T
9	Access Shafts <i>Dependent on DPI</i>				
		Module Weight: up to 0.45T	Module Weight: up to 0.45T	Module Weight: up to 0.9T	Module Weight: up to 1.0T
8	Chamber Roof Slab				
		Module Weight: up to 0.5T	Module Weight: up to 1.4T	Module Weight: up to 2.7T	Module Weight: up to 4.0T
7	Chamber Riser Module <i>Dependent on DPI</i>				
		Module Weight: up to 1.5T	Module Weight: up to 2.25T	Module Weight: up to 4.4T	Module Weight: up to 5.0T
6	Chamber Treatment Module				
		Module Weight: up to 3.1T	Module Weight: up to 3.5T	Module Weight: up to 5.5T	Module Weight: up to 7.7T
5	Chamber Base Module	Integrated into Treatment Module			
			Module Weight: up to 3.2T	Module Weight: up to 6.5T	Module Weight: up to 8.0T
4	Installation Footprint	1750mm x 1000mm	2650mm x 1450mm	3300mm x 1800mm	3900mm x 2100mm
3	Design Treatment Flow Rate	24 → 75 L/s	76 → 185 L/s	160 → 314 L/s	318 → 646 L/s
2	Pipe Range	225 → 525	375 → 750	525 → 900	675 → 1200
1	Model	ULTRA A	ULTRA B	ULTRA C	ULTRA D



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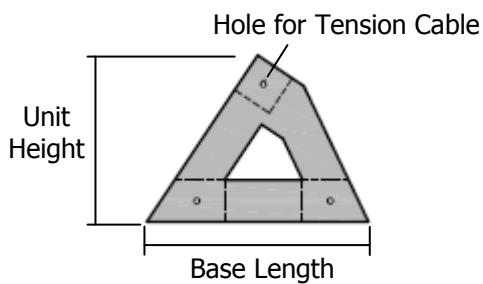
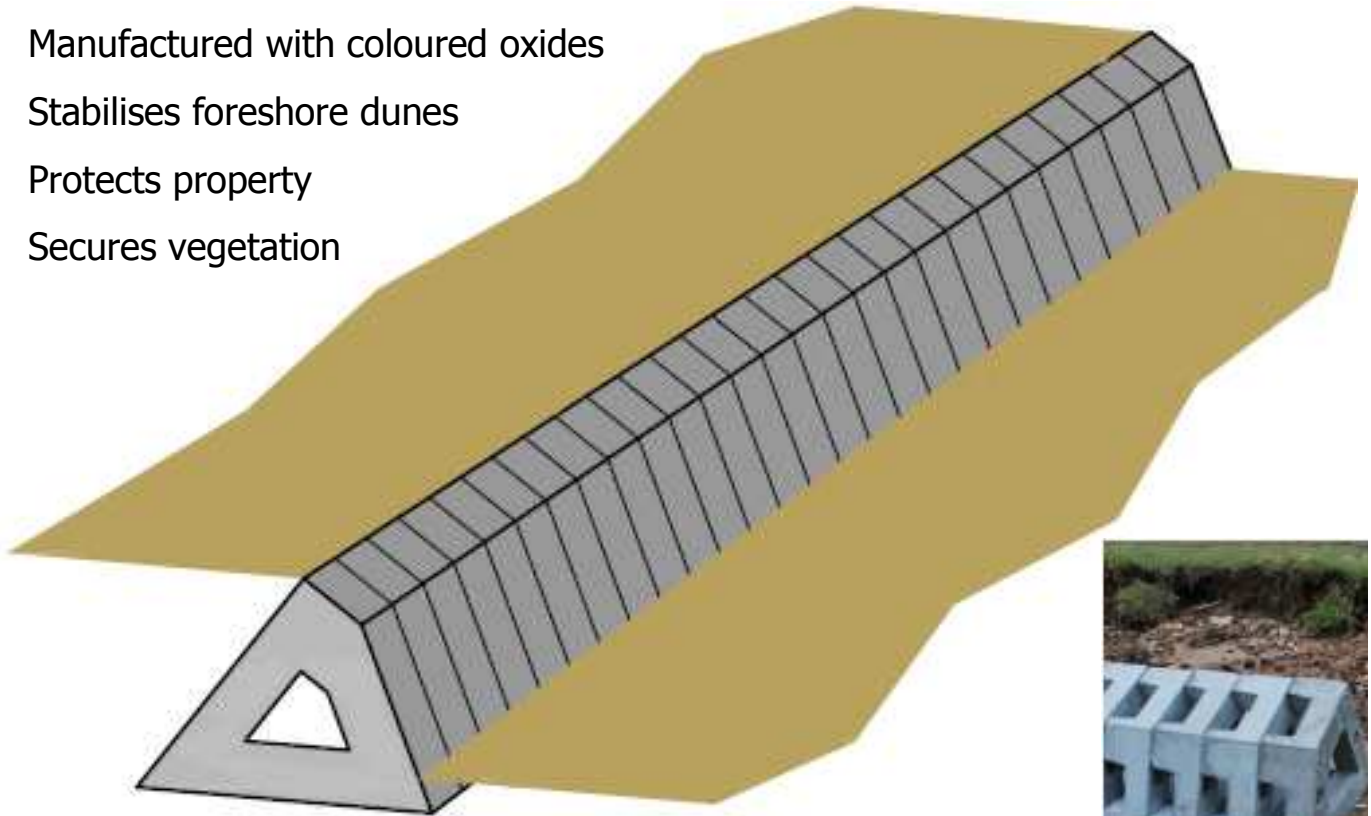
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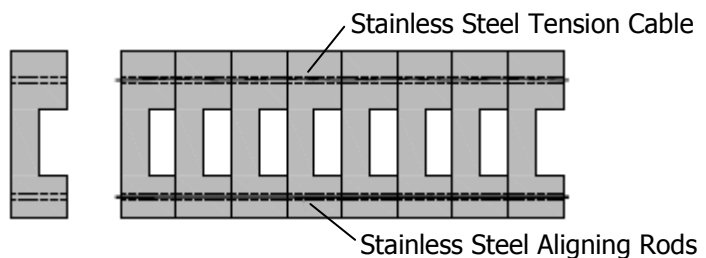
WAVE RACK

FORESHORE PROTECTION SYSTEM

- Manufactured with coloured oxides
- Stabilises foreshore dunes
- Protects property
- Secures vegetation



Side View



Front View

Installed Front View

Sizing Table

Model	Unit Height	Base Length	Units/ 10m
WR-600	600mm	800mm	50
WR-1000	1000mm	1350mm	33
WR-1500	1500mm	2000mm	20

Patent Products



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