

## Maintenance of WSUD assets

Thursday 26 May 2016

Registration: 8:15am

Time: 8:30am-4:15 pm

Venue: The Brocas – The Warehouse, 111 Woodville Road, St Clair

### Presenters/trainers

Robin Allison, DesignFlow

Jason Sonneman, DesignFlow

### Facilitator

Mellissa Bradley, Water Sensitive SA

### Program

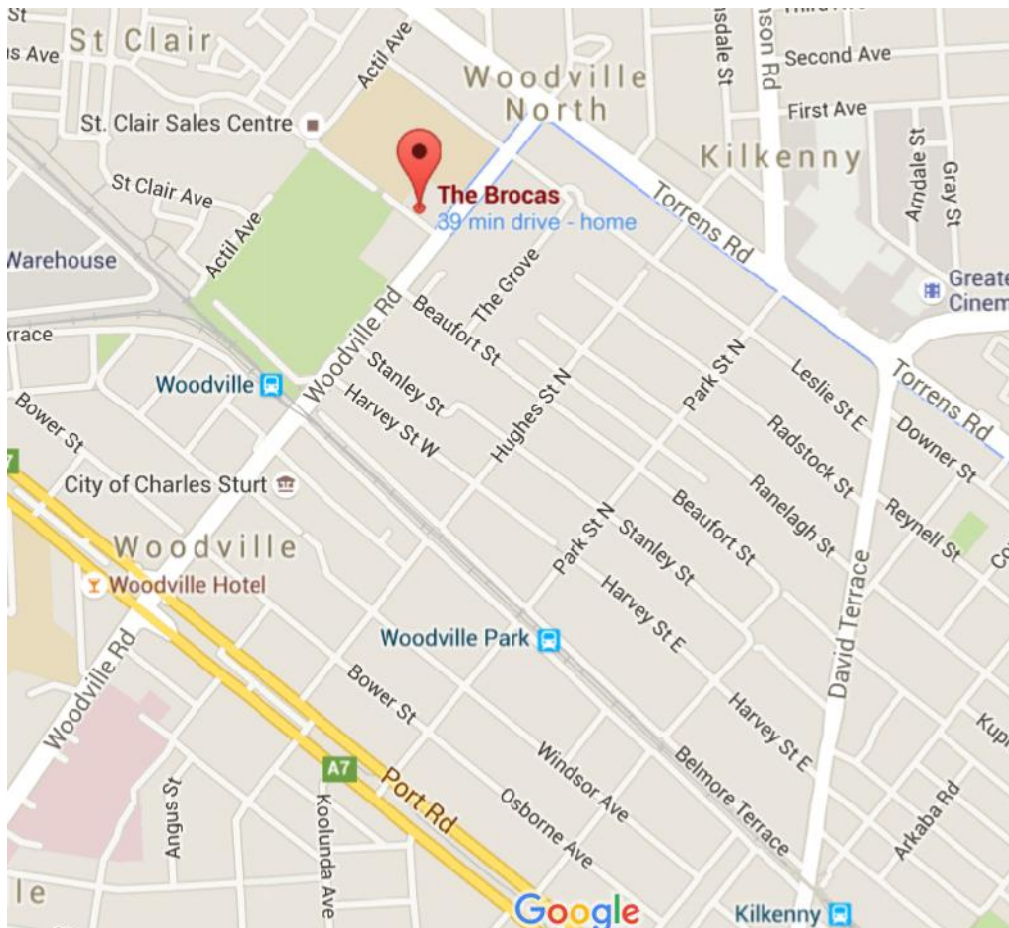
Time	Topic	Who
8:30 am	<b>Meet and overview of the day</b> <ul style="list-style-type: none"> <li>"what do you want to get out of it" discussion</li> </ul>	Mellissa
8:45 am	<b>Introduction to maintenance plans and checklists</b> <ul style="list-style-type: none"> <li>what's in a maintenance plan</li> <li>wetlands – checklist/audit forms overview</li> <li>sediment ponds – checklist/audit forms overview</li> <li>bioretention – checklist/audit forms overview</li> <li>GPTs - checklist/audit forms overview</li> </ul>	Robin
9:15 am	<b>Site inspections</b> <ul style="list-style-type: none"> <li>visit Cooke Reserve wetland, Royal Park; Murchison Street raingardens, Mansfield Park; GPTs</li> <li>work through checklists/audit forms on site</li> <li>highlight what maintenance is required and how to do it</li> <li>how to follow maintenance manuals for guidance (e.g. Melbourne Water wetland manual)</li> </ul>	Jason Robin
12:30 pm	<i>Lunch</i>	
1:00 pm	<b>Group activity – discussion on existing maintenance issues</b>	Mellissa
1:20 pm	<b>Wetlands maintenance</b> <ul style="list-style-type: none"> <li>principles of operation/function</li> <li>critical maintenance requirements to maintain performance</li> <li>description of what to include in maintenance plans</li> <li>maintenance inspections required</li> <li>vegetation management</li> <li>record keeping</li> <li>expected costs</li> </ul>	Jason
2:10 pm	<b>Bioretention/raingardens maintenance</b> <ul style="list-style-type: none"> <li>principles of operation/function</li> <li>critical maintenance requirements to maintain performance</li> <li>description of what to include in maintenance plans</li> <li>maintenance inspections required</li> <li>common issues with bioretention systems</li> <li>clogging and how to assess filter media (infiltration testing)</li> </ul>	Jason



	<ul style="list-style-type: none"> <li>• Common maintenance tasks &amp; equipment</li> <li>• record keeping</li> <li>• expected costs</li> </ul>	
2:50 pm	<i>Afternoon tea</i>	
3:10 pm	<b>GPT maintenance</b> <ul style="list-style-type: none"> <li>• range of common GPTs and how they operate</li> <li>• types of cleaning techniques</li> <li>• how to estimate cleaning frequency</li> <li>• types of maintenance contracts</li> <li>• expected cost ranges</li> </ul>	Robin
3:40 pm	<b>Forward planning for maintenance</b> <ul style="list-style-type: none"> <li>• business plans for maintenance</li> <li>• what's in a maintenance plan</li> </ul>	Robin
4:00 pm	<b>General discussion and further needs</b>	Mellissa
4:15 pm	<i>Close</i>	

For more information, contact Mellissa Bradley, Program Manager, Water Sensitive SA – [mellissa@watersensitivesa.com](mailto:mellissa@watersensitivesa.com), 0431 828 980.

### Location of training and site visit





The Brocas Parking map – marked with a red star. All day car parking behind St Clair Recreation Centre

