

APPENDIX C: MAINTENANCE CHECKLIST

Detention Basin Inspection and Maintenance Checklist

Date _____ Basin Name/Location _____

Inspector _____ Title _____ Affiliation _____

Type of Inspection Annual After a Storm Event

General Requirements

- Basins shall be maintained to perform as designed for the life of the project and shall not be converted to a different use without written review and approval from the District.
- Basins shall be inspected annually and after storm events.

Basin Component	Maintenance Items to Inspect	Acceptable	Requires Maintenance	If maintenance is required, describe corrective action
Inlet	<ul style="list-style-type: none"> • Erosion or under cutting • Finished grades maintained • Clear of debris • Clear of sediment • Not blocked by vegetation or trash • Evidence of material cracking/damage • Riprap in tact • Evidence of tears/holes in filter fabric 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/>
Outlet	<ul style="list-style-type: none"> • Erosion or under cutting • Finished grades maintained • Clear of debris • Clear of sediment • Not blocked by vegetation or trash • Evidence of material cracking/damage • Riprap in tact • Evidence of tears/holes in filter fabric 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/>

<p>Slopes</p>	<ul style="list-style-type: none"> • Erosion, rilling or settling • Invasive non-native plants present • Design slope maintained • Dumped or grouted riprap in tact • Foundation soil loss • Filter fabric migration • Filter fabric tears 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/> <hr/>
<p>Retaining walls</p>	<ul style="list-style-type: none"> • Erosion or settling • Foundation soil lost/soil subsidence • Sign of tipping • Evidence of material cracking/damage • Clogged weep holes 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/>
<p>Depth</p>	<ul style="list-style-type: none"> • Design depth maintained • Sediment accumulation • Accumulation exceeds 10% of design volume 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/>
<p>Floor</p>	<ul style="list-style-type: none"> • Positive slope to outlet maintained • Compacted soil • Areas of ponding • Evidence of oil, grease, or chemicals • Invasive non-native plants present • Trash present • Homeless camps 	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<p>Yes</p> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<hr/> <hr/> <hr/> <hr/>

Storage	<ul style="list-style-type: none"> • Design volume maintained • Evidence of ponding 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Sign	<ul style="list-style-type: none"> • Present • Wording visible 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Perimeter Wall	<ul style="list-style-type: none"> • Erosion at the footer • Structural Damage 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Security Barrier	<ul style="list-style-type: none"> • Erosion at the footer • Structural Damage 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Elevation	<ul style="list-style-type: none"> • Finish grades maintained 	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	_____
Access	<ul style="list-style-type: none"> • Blocked/Obstructed 	Yes <input type="checkbox"/>	Yes <input type="checkbox"/>	_____
Landscaping	<ul style="list-style-type: none"> • Overgrown vegetation • Roots undermining basin components 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Pump	<ul style="list-style-type: none"> • Alarm system working • Trash or debris present 	Yes <input type="checkbox"/> <input type="checkbox"/>	Yes <input type="checkbox"/> <input type="checkbox"/>	_____
Other	_____ _____ _____ _____			