

Appendix E
Pre-Final Design Natural Resources Survey—
First Mid-Island Capital Project

APPENDIX E: TABLE E-1

PRE-FINAL DESIGN NATURAL RESOURCES SURVEY--BMP'S NC-7, NC-8 AND LOW-FLOW CHANNEL AT NC-9 AND NC-17

Subject Species: Jacob's Ladder, Purple Milkweed and Green Milkweed along low-flow channel of BMPs NC-9 and NC-17. Royal Fern, Cinnamon Fern, Marsh Fern and Spinulose Wood Fern at proposed BMP sites NC-7, NC-8 and low-flow channel of BMPs NC-9 and NC-17

Survey Dates: May 7, 2012, May 24, 2012, June 7, 2012, June 14, 2012, June 20, 2012, July 11, 2012, July 25, 2012, August 8, 2012, August 23, 2012.

<u>Site</u>	<u>Species</u>	<u>Observed</u>	<u>Date</u>	<u># of Plants</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Notes</u>
<u>BMP NC-7: NUGENT STREET</u>							
Royal Fern	<i>Osmunda regalis</i>	Yes	5/7/2012	5	N 40 34.620	W 74 5.426	Outside of proposed low flow channel
Cinnamon Fern	<i>Osmunda cinnamomea</i>	No					
Spinulose Wood Fern		No					
<u>BMP NC-8: FREEBORN STREET</u>							
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	Yes	5/7/2012	1	N 40 34.583	W 74 05.431	Edge of site, near proposed berm area
Royal Fern	<i>Osmunda regalis</i>	No					
Cinnamon Fern	<i>Osmunda cinnamomea</i>	No					
<u>BMP NC-9: GRAHAM BOULEVARD</u>							
Jacob's Ladder	<i>Polemonium reptans</i>	No					
Green Milkweed	<i>Asclepias hirtella</i>	No					
Purple Milkweed	<i>Asclepias purpurascens</i>	No					
Marsh Fern	<i>Thelypteris palustris</i>	No					
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	No					
Royal Fern	<i>Osmunda regalis</i>	No					
Cinnamon Fern	<i>Osmunda cinnamomea</i>	No					
<u>BMP NC-17: SLATER BOULEVARD</u>							
Jacob's Ladder	<i>Polemonium reptans</i>	No					
Green Milkweed	<i>Asclepias hirtella</i>	No					
Purple Milkweed	<i>Asclepias purpurascens</i>	No					
Marsh Fern	<i>Thelypteris palustris</i>	No					
Spinulose Wood Fern	<i>Dryopteris carthusiana</i>	No					
Royal Fern	<i>Osmunda regalis</i>	No					
Cinnamon Fern	<i>Osmunda cinnamomea</i>	No					