

13.0 SUMMARY OF CONCLUSIONS AND RECOMMENDATIONS

The following table (Table 13.1) provides a summary of where the main conclusions and recommendations are found in the body of the report, organized by discipline.

Discipline	Summary	
	Main Conclusions	Recommendations
Hydrogeology	<ul style="list-style-type: none"> • Physiography, Section 3.2 • Geology, Section 3.3 • Existing conditions, field studies and conclusions, Section 3.4 • Potential impacts to groundwater resources, Section 9.2.9 	<ul style="list-style-type: none"> • Groundwater recommendations and constraints, Section 6.1.3 • Groundwater maintenance strategy, Section 10.3 • Monitoring, Section 11.0 • Future study requirements, Section 12.3
Drainage and Hydrology	<ul style="list-style-type: none"> • Objectives and approach, Sections 3.5.1 and 3.5.2 • Existing drainage conditions, Section 3.5.4 and Appendix G • Event hydrology, continuous hydrology and water balance, Sections 3.5.5 and 3.5.6 and Appendix F • Existing conditions floodplain mapping, Section 3.6 • Water quality data, Section 3.10.4 and Appendix J • Stormwater issues, Section 7.1 • Potential impacts within PSA and Stage 2 Lands, Section 9.1 and 9.2 	<ul style="list-style-type: none"> • Stormwater management strategy, Section 10.2 • Best management practices, Section 10.2.4 • Monitoring, Section 11.0 • Future study requirements, Section 12.3
Geomorphology	<ul style="list-style-type: none"> • Existing conditions, Section 3.6.6 • Potential impacts within PSA and Stage 2 Lands, Section 9.1 and 9.2 	<ul style="list-style-type: none"> • Erosion and sediment control plan, Section 10.1 • Monitoring, Section 11.0 • Future study requirements, Section 12.3
Natural Heritage Features	<ul style="list-style-type: none"> • Existing features, Section 3.7 • Recommended Natural Heritage System, Section 6.3 	<ul style="list-style-type: none"> • Constraints and Opportunities, Sections 6.1 and 6.2 • Recommended Natural Heritage System, Section 6.3 • Monitoring, Section 11.0 • Future study requirements, Section 12.3
Aquatic Ecology	<ul style="list-style-type: none"> • Aquatic Species at Risk, Section 3.9.1 and Appendix B • Existing conditions, Sections 3.10.1 – 3.10.3 and Appendix C 	<ul style="list-style-type: none"> • Constraints and Opportunities, Sections 6.1 and 6.2 • Recommended Natural Heritage System, Section 6.3

	<ul style="list-style-type: none"> • Setbacks and buffers, Section 6.1.1 • Greenlands Network assessment, Section 5.3 • Potential impacts to aquatic resources, Sections 9.1 and 9.2 	<ul style="list-style-type: none"> • Setbacks and buffers, Section 6.1.1 • Erosion and sediment control, Section 10.1 • Greenspace Management Plan, Section 10.4 • Thermal impact mitigation, Section 10.4.2 • Monitoring, Section 11.0 • Future study requirements, Section 12.3
<p>Terrestrial Ecology</p>	<ul style="list-style-type: none"> • Terrestrial Species at Risk, Section 3.9.2 and Appendix B • Vegetation – Methods and results of field studies, Section 3.11 and Appendix D • Wildlife – Methods and results of field studies, Section 3.12, Appendix E and Appendix H • Setback and Buffers, Section 6.1.1 • Greenlands Network Assessment, Section 5.3 • Potential impacts of terrestrial resources, Sections 9.1 and 9.2 	<ul style="list-style-type: none"> • Constraints and Opportunities, Sections 6.1 and 6.2 • Recommended Natural Heritage System, Section 6.3 • Setbacks and buffers, Section 6.1.1 • Enhancement and restoration opportunities, Section 6.1.2 • Greenspace Management Plan, Section 10.4 • Monitoring, Section 11.0 • Future study requirements, Section 12.3

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