

## Summary of Space Needs

	Net Area (NSF)	Net Area (NSM)	Component Gross Area (CGSF)	Component Gross Area (CGSM)	Building Gross Area (BGSF)	Building Gross Area (BGSM)
<b>Laboratory</b>						
A1. Laboratory - Clean up	1,571	146	2,199	204		
A2. Laboratory - Clean up: Autoclaves	267	25	374	35		
A3. Laboratory - Sample Reception and Acceptance	924	86	1,294	120		
A4. Laboratory - Sample Processing	4,922	457	6,890	640		
A5. Laboratory - Sample Preparation	15,919	1,479	22,287	2,071		
A6. Laboratory - Sample Preparation: Standards and Reagents	2,411	224	3,375	314		
A7. Laboratory - Microbiology	4,454	414	6,236	580		
A8. Laboratory - Aquatic Toxicology	5,503	511	7,704	716		
A9. Laboratory - Analysis - Instrumentation	15,346	1,426	21,484	1,997		
A10. Laboratory - Automated Storage	1,452	135	2,033	189		
A11. Laboratory - MLITSD	2,942	273	4,119	383		
<b>TOTAL Laboratory</b>	<b>55,709</b>	<b>5,177</b>	<b>77,993</b>	<b>7,248</b>	<b>101,390</b>	<b>9,423</b>
<b>Science Workshop</b>						
B1. Science Workshop - Shipping and Receiving	6,128	570	8,579	797		
B2. Science Workshop - Workshop / Garage	12,892	1,198	18,048	1,677		
B3. Science Workshop - Equipment /Specialized Storage	2,359	219	3,302	307		
B4. Workshop - Automated Storage	4,312	401	6,036	561		
B5. Science Workshop - MLITSD Field Equipment and Workshop	240	22	336	31		
<b>TOTAL Garage</b>	<b>25,930</b>	<b>2,410</b>	<b>36,302</b>	<b>3,374</b>	<b>47,192</b>	<b>4,386</b>
<b>Office</b>						
D. Office Accommodation Space*	11,190	1,040	15,665	1,456		
E. Office Related Shared Spaces*	18,528	1,722	25,939	2,411		
F. Public and Support Spaces*	8,875	825	11,406	1,060		
<b>TOTAL Office</b>	<b>38,592</b>	<b>3,587</b>	<b>53,009</b>	<b>4,927</b>	<b>68,912</b>	<b>6,404</b>
<b>Outside Storage</b>						
C1. Outside Storage - Winter Equipment Storage	2,635	245	3,161	294		
<b>TOTAL Outside Storage</b>	<b>2,635</b>	<b>245</b>	<b>3,161</b>	<b>294</b>	<b>4,110</b>	<b>382</b>
<b>TOTAL ENCLOSED BUILDING PROGRAM</b>	<b>122,866</b>	<b>11,419</b>	<b>170,465</b>	<b>15,842</b>	<b>221,605</b>	<b>20,595</b>
<b>Secure Compound</b>						
C2. Outside Storage - Large Boat Truck Unit Storage (secure compound)	468	43				
C3. Outside Storage - Exterior Monitoring Stations and Preparation Area	6,049	562				
<b>TOTAL Secure Compound</b>	<b>6,517</b>	<b>606</b>				

\* for the breakdown of component areas please refer to detailed space list

\*\* Note: The details presented in this Summary of Space Needs is subject to change based on functional program requirements of ministry (MECP-MLITSD).