

...new gloveboxes in Lab 174 would increase requirements on the Off-Gas Exhaust System by 150 CFM, but that sufficient capacity is available to support this requirement. No impact to the Main Exhaust was identified.

For Phase II, F/H Laboratory Engineering performed a preliminary evaluation of the impact of the projected renovation scope on the 772-F Main Exhaust and Off-Gas Exhaust systems. The Phase II renovation scope would result in approximately the same number of radiohoods and radiobenches, and would reduce the total number of gloveboxes in the affected laboratories. Accordingly, the preliminary evaluation suggests no major impacts to the 772-F exhaust systems. During conceptual design, additional work would be required, considering the location of containment units, routing and sizing of ductwork, impacts to the high activity drain system, and overall facility air balance.

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APPENDIX K – USE OF F/H LABORATORY STRATEGY