



**Research Combustion Laboratory (RCL) Demolition**

PROJECT FACTSHEET

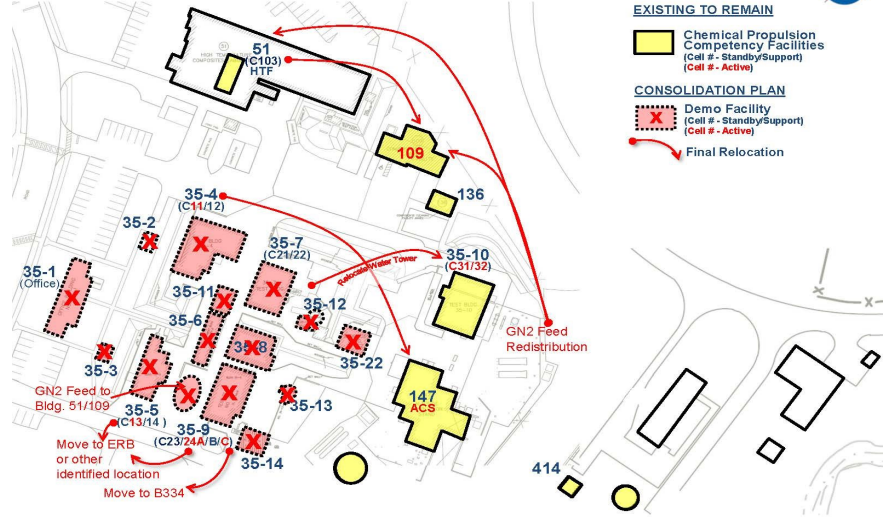
December 2016

NASA Glenn Research Center, Cleveland, OH

**CPRC (formerly RCL) COMPLEX PROPOSED FUTURE STATE**



**PROJECT SCOPE:** The purpose of this project is to consolidate chemical propulsion research and testing activities to allow for divestment and demolition of significant infrastructure, which includes 15 structures, that are beyond their useful life. This project will demolish most buildings within the B35 complex (noted in red) and consolidate chemical propulsion activities into 5 core facilities. The demolition will include the rerouting of existing utilities and removal of buildings, foundations, and parking lots. After completion, the site will be clear and ready for construction a future facility.



**JUSTIFICATION:** The current facilities no longer meet the needs of chemical propulsion test capabilities. The buildings were constructed in the 1950s and 1960s, making them inefficient and beyond their useful life. The HVAC systems are antiquated, and the indoor air quality is deficient. Mold has been remediated in portions of these buildings, and continues to be an ongoing concern. The project will further reduce GRC's overall building footprint, help achieve energy & water reduction goals, and mitigate existing safety, health, and security concerns.

**Project Manager:** FDP/Bryan Coates

**Construction Manager:** TBD

**Design Firm:** Vantage Partners, LLC

**PROJECT STATUS:** Design task will be performed by our in house design team (Vantage Partners, LLC). Design kick-off scheduled for August 2016 and completion scheduled for May 2016. Upcoming short term milestones include completing an environmental site characterization and a detailed review of utility service routing to the facilities. The team will focus on order of demolition and consolidation activities to minimize utility disruptions and impacts to ongoing research activities.

PRELIMINARY TIMELINE	Date
Design Kick-off	8/2016
NEPA Evaluation Complete	9/2016
Site Characterization Award	12/2016
Site Characterization Complete	4/2017
30% Design Complete	2/2017
90% Design Complete	4/2017
100% Design Complete	5/2017
Demo Procurement Phase Start	5/2017
Start of Demolition and Consolidation	8/2017

**PRIMARY PROJECT CONTACTS**

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