

Update to Los Alamos County Council



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Deputy Laboratory Director for
Operations

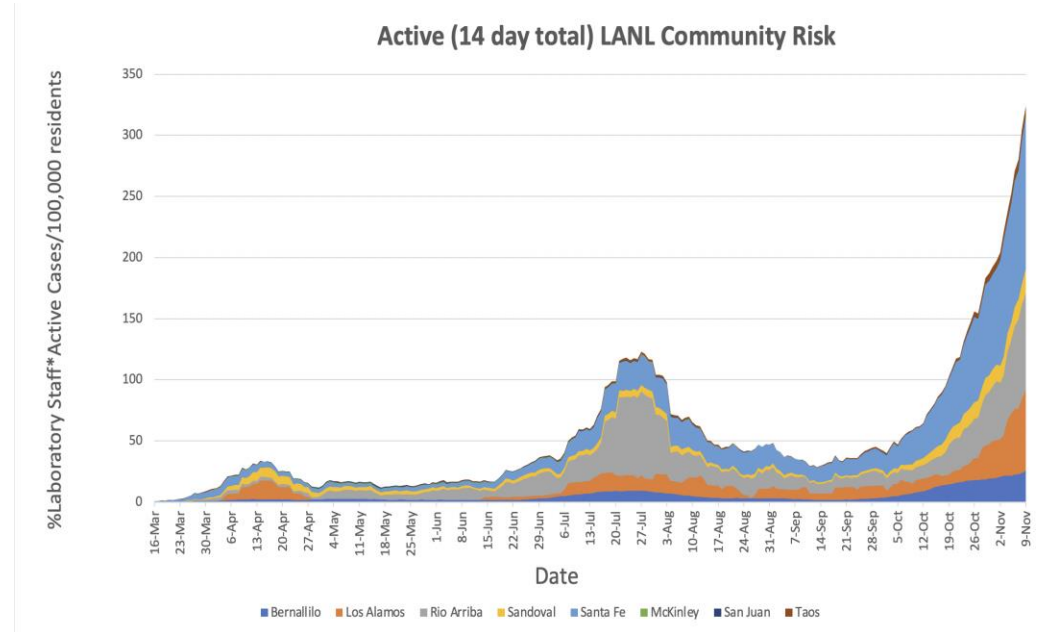


Managed by Triad National Security, LLC for the U.S. Department of Energy's NNSA

COVID-19 Update

- **Total Tests Conducted by LANL ***
 - 8115 tests yielding 40 positives
- **Number of LANL Positives ***
 - 132 confirmed cases
 - 736 active cases in isolation
- **Number of Recovered ***
 - 6287 cases managed
 - 1155 cases cleared

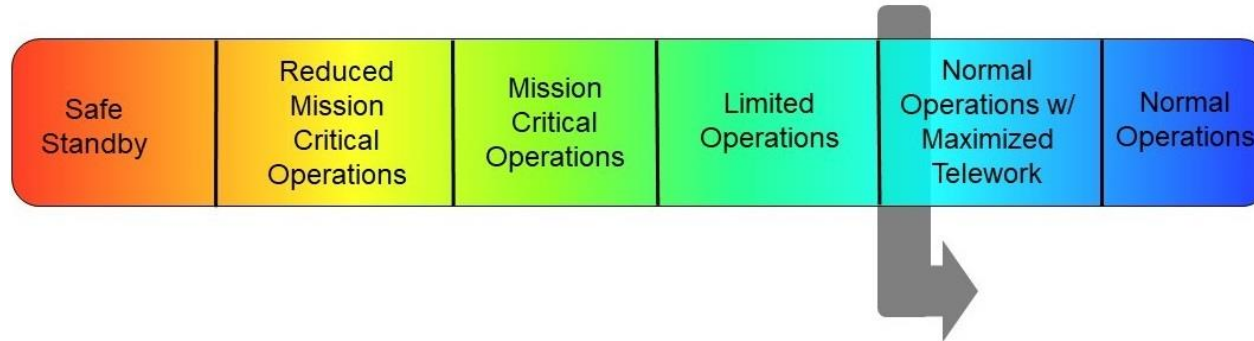
*as of 11/10/20



Laboratory Operating Status

- Average daily onsite-5,044*
- Average daily teleworking-6,596*

LANL “Operating Status” during COVID-19



*as of 11/5/20

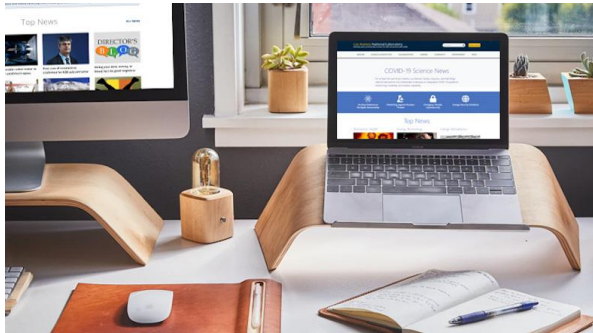
COVID Duration

- We expect to remain in this posture until at least spring
 - The majority of our workforce is still teleworking and will likely remain in that status until there is a COVID vaccine or a medical treatment for COVID.
- COVID has given us an opportunity to reevaluate how we do our business
 - Our experience with teleworking has highlighted the potential for the simultaneous benefit of mission enablement and infrastructure cost savings, beyond COVID.



Teleworking

- COVID has demonstrated that our workforce can maintain their productivity from offsite
- We have 1290 employees taking part in our teleworking pilot. We may have more join as the program progresses.
- That reality has changed our thinking about our infrastructure needs
- We can move more unclassified work into our telework pilot to free existing space for our increased mission workload
- This buys us some short breathing room to deal with our increased hiring trends



Infrastructure

- **Pre-COVID we had an immediate unachievable need for basic office space to house all of our employees**
- **The combination of teleworking and new leasing authority will help slacken that demand**
- **We are now focusing on creating teleworking hubs onsite, in Los Alamos, and wherever we ultimately lease new space off-site**
- **The teleworking hub downtown will turn Central Park Square into a high traffic area for remote computer access, meetings, and teleconferences during regular business hours**
- **We believe it will drive increased usage of the downtown businesses**



New Construction

- LANL completed construction infrastructure work during COVID-19 outbreak
- Unfettered access to the construction coupled with the decreased daily LANL staff load has made for an ideal construction period
- Some of the major ongoing projects include:
 - Two new parking garages (first one operational in December)
 - Two new and completed modular buildings with a third under construction



COVID has Changed our Infrastructure Thinking

- Teleworking will allow us to drastically reduced the daily commuter traffic coming to LANL
- When I last addressed this Council LANL strongly believed we needed a new bridge across the Rio Grande to support our increasing workforce
- Our response to COVID has allowed us to now consider our options differently
- We have a new transportation study in the works with the RTD to start bus service from Albuquerque to LANL to help bring more of our craft workforce up everyday
- NNSA permission to lease up to 300K of new office space
- All of these new developments have convinced us that we NO LONGER need a new bridge since we believe our daily commuter loads will be significantly reduced for the foreseeable future



Housing

- **Because we believe our hiring will continue to remain very strong the need for additional housing will persist**
- **We continue to support Los Alamos, Santa Fe, and Rio Arriba Counties in their efforts to attract developers to provide that needed housing**
- **I have been very pleased to observe in each of these communities how rapidly proposals have come together**
- **Over the next several years, based on the proposals I have heard about, there will be significant expansion of new housing opportunities for our newly hired workforce to consider**
- **With all of our traffic coming in and out of downtown teleworking hub I believe restaurants and coffee shops will be in high demand**



Schools and Childcare

- We understand this is a critical need for a significant portion of our staff
- We are communicating with all our local school districts
- We have started a website for our staff to aggregate the available local resources
- We are holding meetings with our local partners soliciting new ways in which LANL can assist
- We are channeling our corporate dollars into initiatives to get kids connected to the internet



Collaboration with Los Alamos County

- **Transportation Plan**

- NCRTD Board and LANL to do a joint transit study.
- NMDOT has committed to paying for half of the study along with LANL.
- This summer (June) we received the Scope of Work from the NCRTD
- In early August the NCRTD issued a solicitation for a contractor for the LANL Transit Service Options study.
- In September Nelson Nygaard was selected as the preferred firm to do the study. The scope of work and the contract is currently being finalized with the contractor. Once this is completed the project will commence and is expected to take about seven months.
- At the end of the study Nelson Nygaard will produce a recommended transit service plan that will include an implementation plan, funding strategies and an environment benefit analysis.



Collaboration with Los Alamos County (cont.)

- **GRT Update:**
 - It has been another strong year for the Laboratory and our budget
 - Our total budget grew to \$3.003B for FY2020
 - LA County gathered roughly \$39M during our FY2020
 - We expect to generate roughly \$44M in FY 2021
- **Trail Usage-NNSA has said no to uncontrolled public access due to the several concerns:**
 - Ongoing LANL operations
 - Endangered species
 - Historic preservation
 - Resource conservation and recovery



DP Road Status

- Triad supported the Los Alamos County (LAC) sewer infrastructure upgrade project at the Middle DP Road site mobilizing the week of June 21, 2020 and demobilized in September 2020
- Triad coordinated and prepared the weekly updates for the New Mexico Environment Department (NMED) from March to August 2020. The Department of Energy Office of Environmental Management is now responsible for any further matters pertaining to DP Road
- Triad provided in-field support for installation of a new lift station and associated utilities [e.g., radiation control technicians (RCTs), health and safety professionals, waste management, environmental health physicists, sampling and analysis at the Health Physics Analytical Laboratory, air monitoring, surveys of LAC equipment] and provided regular updates to the LAC Department of Public Utilities and its subcontractors during a weekly call with the County Administrator and the Utilities manager



Annual Site Environmental Report (ASER) Update

- LANL's compliance status with laws and orders regulating waste, remediation, air quality, water quality, and other environmental topics
- Some selected highlights:
 - The New Mexico Environment Department granted certificates of completion for 32 remedial sites.
 - The Laboratory operated 27 stack monitoring stations and 38 ambient air monitoring stations to measure levels of airborne radiological materials.
 - The Laboratory was fully in compliance with its Clean Air Act, Title V Operating Permit emission limits.
 - Radionuclide concentration in publicly available food is consistent with global fallout or naturally occurring material, and any contributions from the Laboratory are too small to measure.
 - Radiological doses to the public from Laboratory operations were less than 1 millirem per year, and health risks are indistinguishable from zero.
 - The Laboratory adopted an updated plan for mitigating wildland fire fuels and addressing forest health and hired a Fire Management Officer.
- I have 12 copies for the Council

