NMED
New Mexico Environment Department

SURFACE AND STORM WATER MONITORING UPSTREAM OF THE BUCKMAN DIRECT DIVERSION

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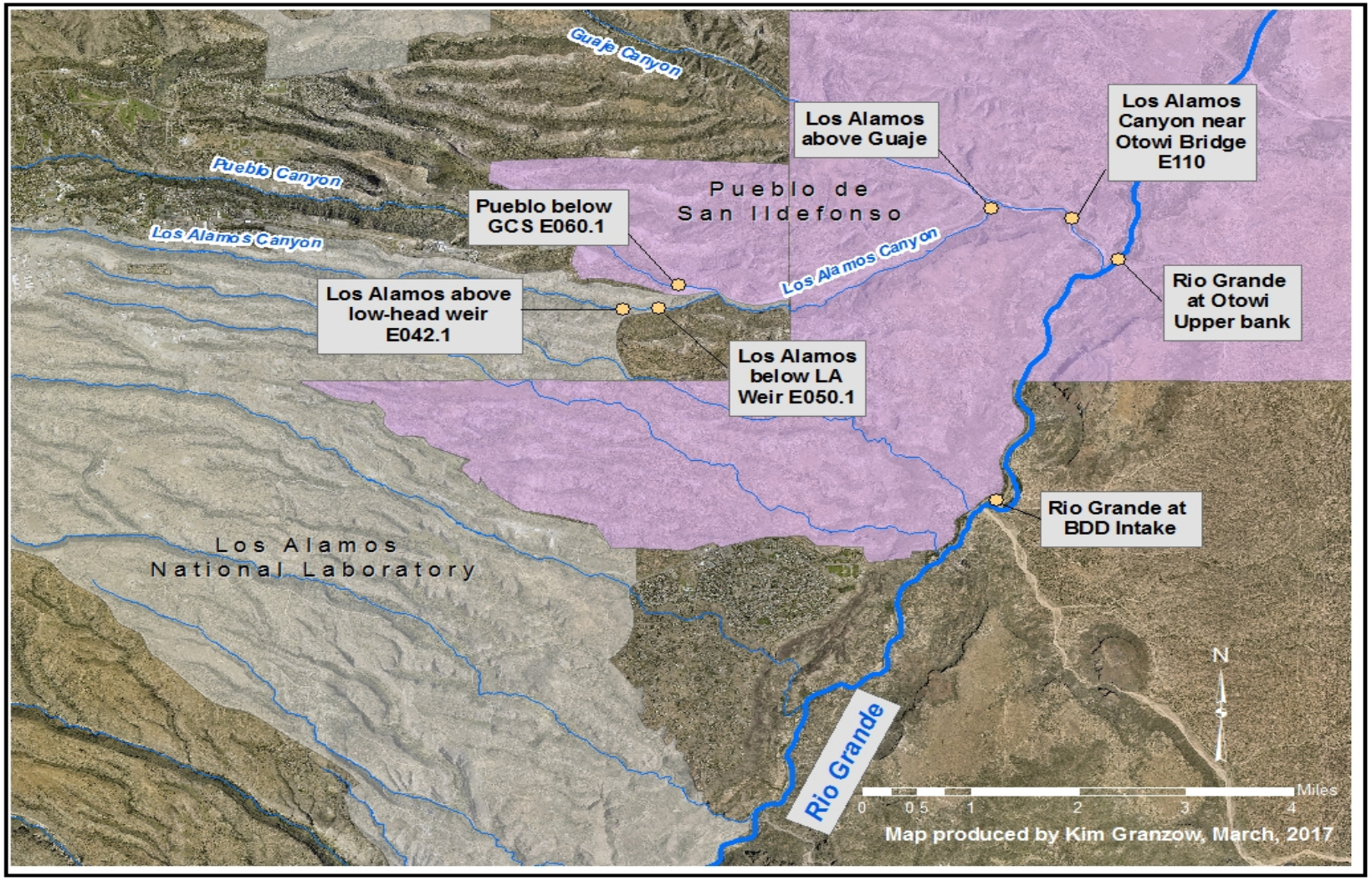
Stormwater Sampling Purpose

Independent verification and sampling of stormwater flows in/around Los Alamos National Laboratory to determine background, baseline, migration and/or the presence of inorganic, organic, and radionuclide contaminants

Los Alamos Canyon before and during flood (2013)

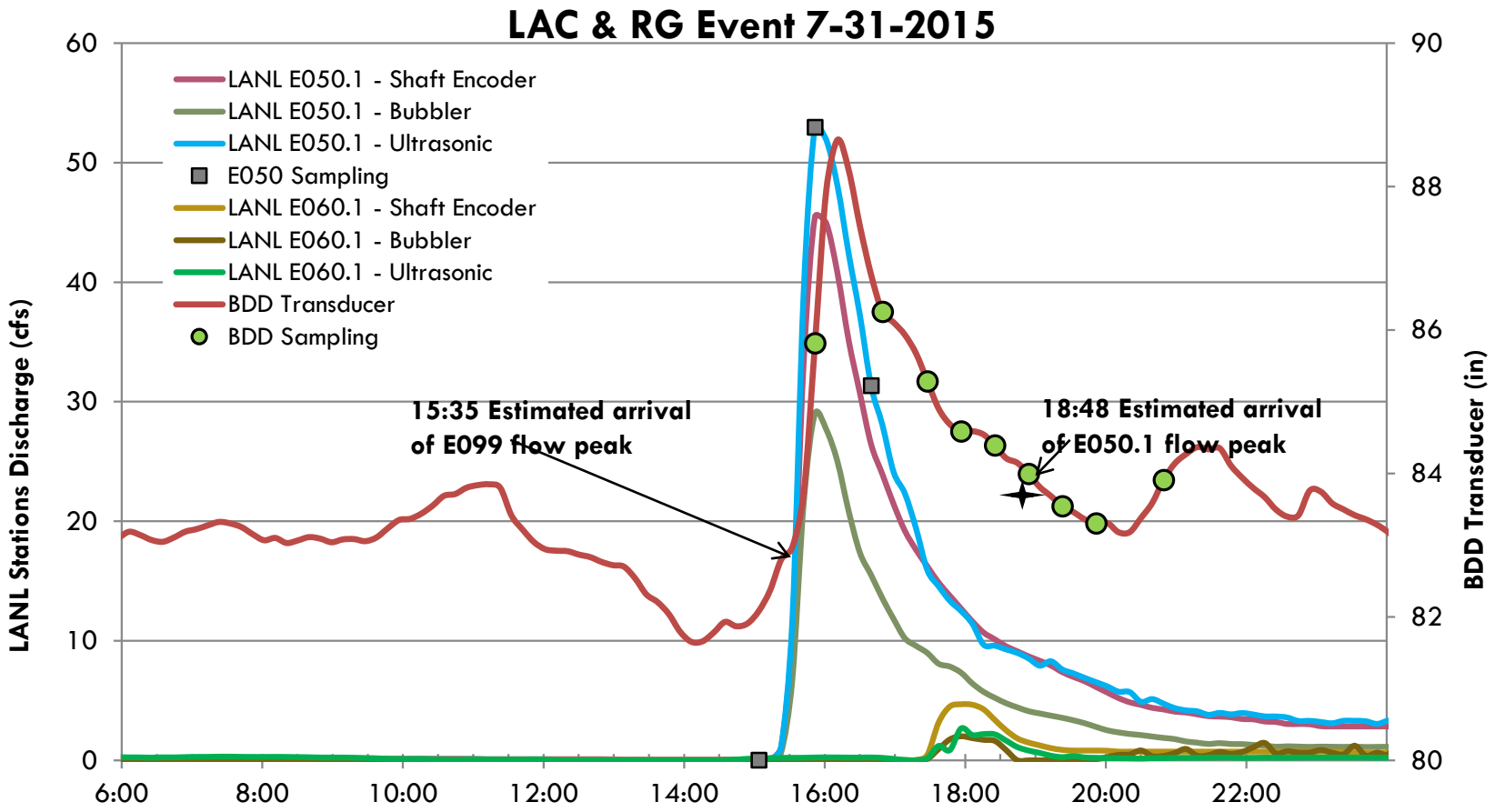
Locations at and above Buckman Diversion Dam where NMED monitors stormwater that can enter the Rio Grande



2010 – 2015: How NMED monitored for stormwater

8 automated samplers fitted with pressure bubblers or synchronized with early warning triggers

Watershed variability during a storm event

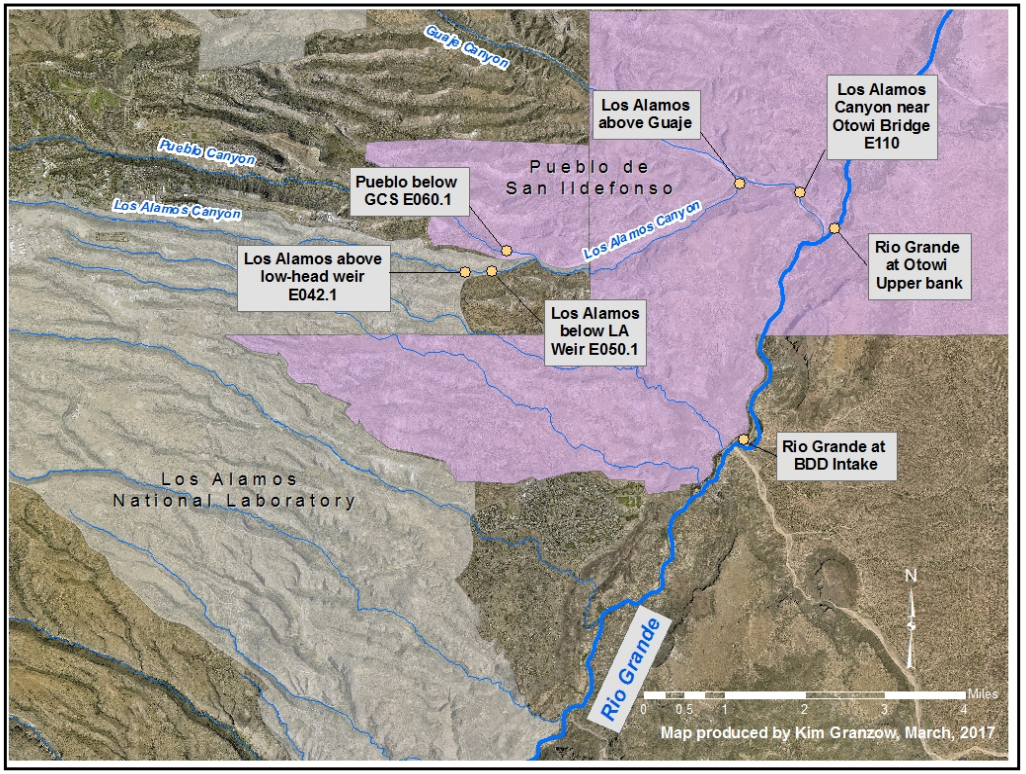


Monsoon event 2013 sampling equipment taken down by flood!

During

After

Monitoring of stormwater in the Rio Grande at Buckman Direct Diversion intake



Path forward and priorities ?

Maintain collaboration with BDD.

Maintain presence above BDD at LANL – drainage of the Canyons.

DOEOB will consider input during planning of next five year grant.

DOEOB will continue to get high quality data and share what we have.

Thank you

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