United States Environmental Protection Agency

Office of Emergency Management
National Decontamination Team
Erlanger, KY 41018

June 2011

Revised Mission Report 1 – June 29, 2011
Las Conchas Survey
Preliminary Report

For Official Use Only

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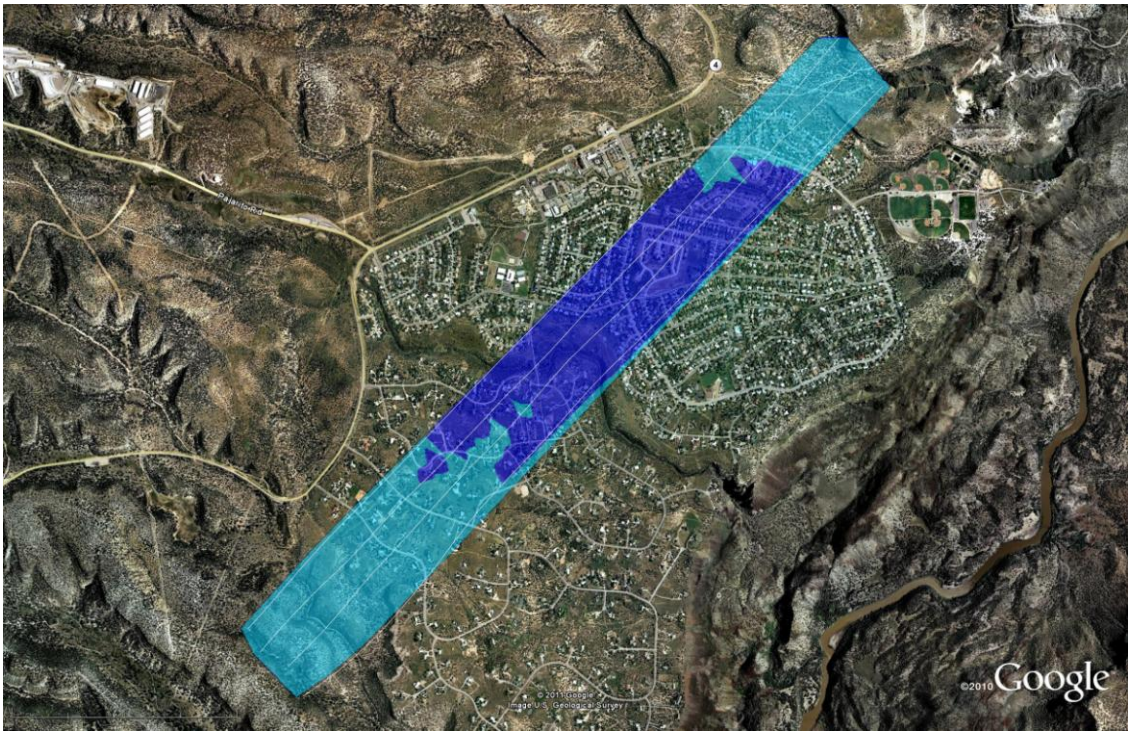
Image 1

White Rock Area
Exposure Rate Contour Map
June 29, 2011



Parameter	Exposure Rate (uR/hr)
< 5.0000	25.000 : 30.000
5.0000 : 10.000	30.000 : 35.000
10.000 : 15.000	35.000 : 40.000
15.000 : 20.000	40.000 : 45.000
20.000 : 25.000	> 45.000

ASPECT Program

Flight Parameters

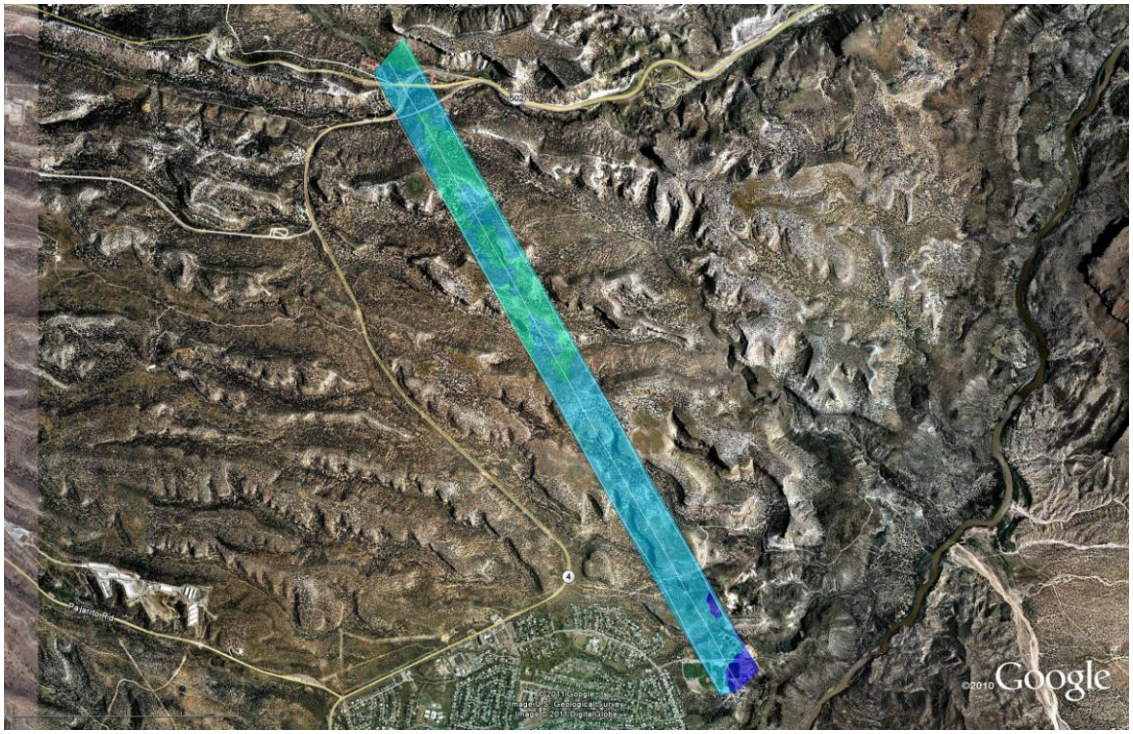
1000 ft altitude
500 ft line spacing
110 knots
1 second acquisition time

Radiation can be measured in exposure rate. Typical background exposure rates in New Mexico range from 5 - 20 μR/hr. The maximum exposure rate for this survey was 9 μR/hr. This is in the normal range. The exposure rate contour map indicates estimated radiation exposure rates on the ground and can be used to identify hazardous levels of radiation. This map indicates that there are no hazardous levels in the area surveyed.

This image should not be used independently to assess potential health risks. Additional information is necessary to make appropriate health-related decisions.

Image 2

Los Alamos East Area
Exposure Rate Contour Map
June 29, 2011



Parameter	Exposure Rate (uR/hr)
< 5.0000	25.000 : 30.000
5.0000 : 10.000	30.000 : 35.000
10.000 : 15.000	35.000 : 40.000
15.000 : 20.000	40.000 : 45.000
20.000 : 25.000	> 45.000

ASPECT Program

Flight Parameters

1000 ft altitude
500 ft line spacing
110 knots
1 second acquisition time

Radiation can be measured in exposure rate. Typical background exposure rates in New Mexico range from 5 - 20 μR/hr. The maximum exposure rate for this survey was 12 μR/hr. This is in the normal range. The exposure rate contour map indicates estimated radiation exposure rates on the ground and can be used to identify hazardous levels of radiation. This map indicates that there are no hazardous levels in the area surveyed.

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Brief Discussion of Results

All chemical and radiological data collected over the Los Alamos East and White Rock Areas showed no significant detections.

All chemical data over the White Rock area showed no significant detections. No smoke was observed over both locations resulting in no chemical detections.

If there are further questions, please contact:

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