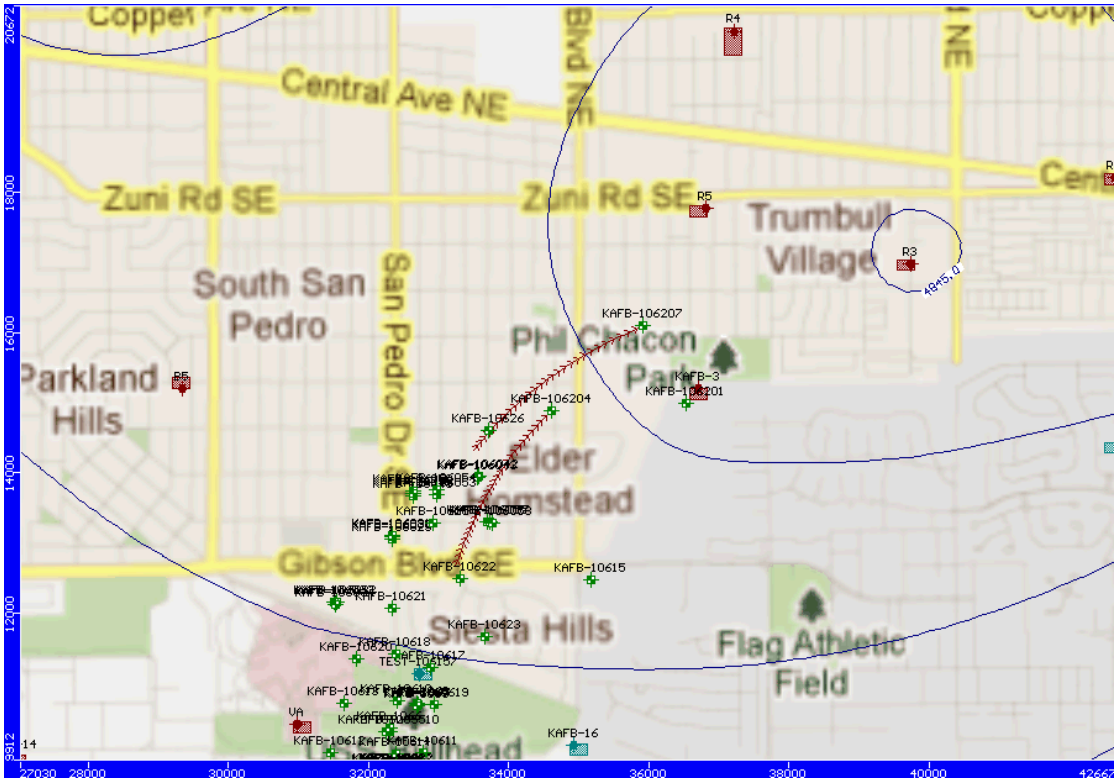
From: Scott Ellinger
To: Brandwein, Sid, NMENV
Subject: Re: FW: PCE detections
Date: 11/06/2012 02:21 PM

I worked on the coordinates and re-ran the model; backwards particle tracking again.



▼ "Brandwein, Sid, NMENV" ---11/01/2012 02:28:41 PM---Scott, It looks like to me the northernmost well is about 650' too far to the south. Although we do

From: "Brandwein, Sid, NMENV" <Sid.Brandwein@state.nm.us>
To: Scott Ellinger/R6/USEPA/US@EPA
Date: 11/01/2012 02:28 PM
Subject: FW: PCE detections

Scott,
It looks like to me the northernmost well is about 650' too far to the south. Although we do not have actual surveyed locations yet the 207 wells should be real close to

1546003E 1480080N

NM State Plane Central 1983 ft.

What coordinates do you have?

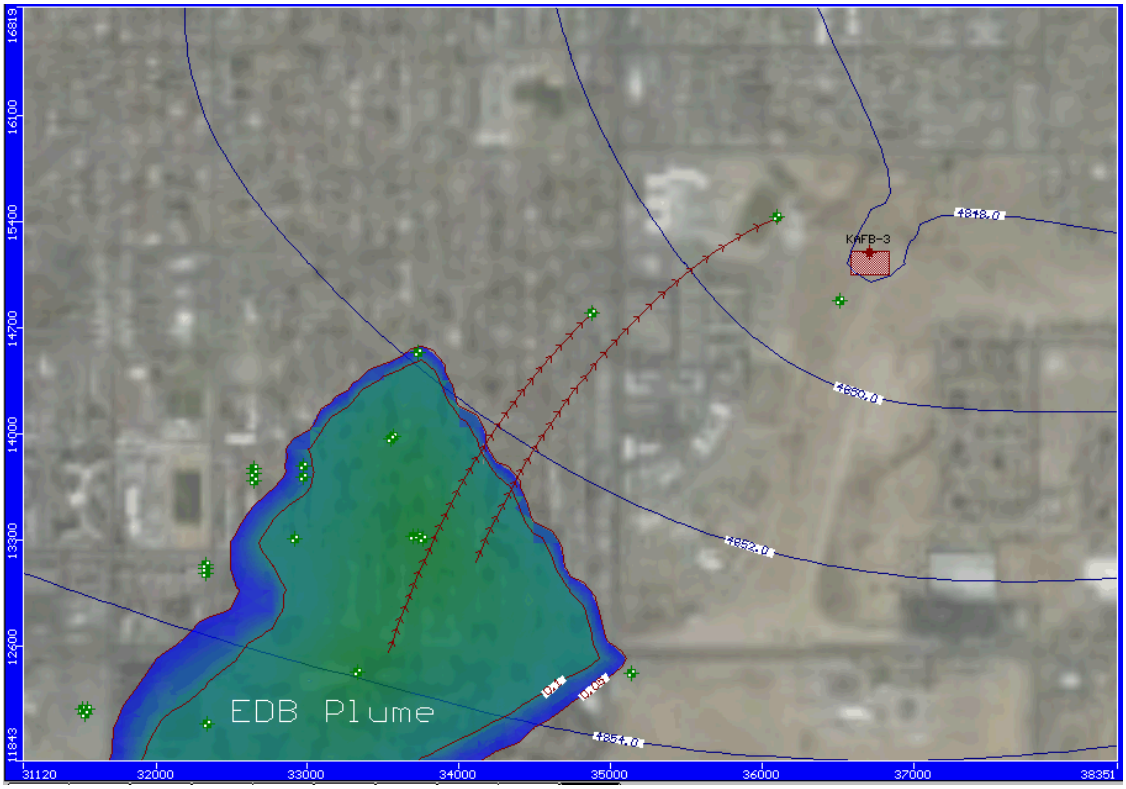
Sid

From: Moats, William, NMENV
Sent: Thursday, November 01, 2012 10:21 AM
To: McDonald, William, NMENV; Brandwein, Sid, NMENV
Subject: FW: PCE detections

From: Ellinger.Scott@epamail.epa.gov [mailto:Ellinger.Scott@epamail.epa.gov]

Sent: Thursday, November 01, 2012 9:24 AM
To: Moats, William, NMENV
Cc: King.Laurie@epamail.epa.gov; Smith.Melissa@epamail.epa.gov
Subject: RE: PCE detections

The pathline time markers (look like arrrows) are set at 1-year intervals. It looks like about 10 years of travel time between the KAFB-106207 and KAFB-106204 clusters, so if the detections are real, looking at least 10-years upgradient of KAFB-106204 seems to make sense because of how the wells are positioned.



From: "Moats, William, NMENV" <Williams.Moats@state.nm.us>
To: Scott Ellinger/R6/USEPA/US@EPA
Date: 11/01/2012 09:44 AM
Subject: RE: PCE detections

Hi Scott,

There is a rumor that the PCE source was contaminated equipment, although I don't have any hard data yet to back it up.

My staff have started collecting split groundwater samples with KAFB, but this will not be completed until next week.

If it's not any trouble to do the reverse particle tracking, then go ahead, and I'll get the results to the NMED Groundwater Bureau staff that are assigned to handle the PCE contamination (provided it's real).

- Will

From: Ellinger.Scott@epamail.epa.gov [mailto:Ellinger.Scott@epamail.epa.gov]
Sent: Thursday, November 01, 2012 8:38 AM
To: Moats, William, NMENV
Cc: King.Laurie@epamail.epa.gov; Smith.Melissa@epamail.epa.gov
Subject: PCE detections

On the recent PCE detections, which I understand were from IDW and may/may not be actual well detections, would you like me to run reverse particle tracking on those wells, today? That would form pathlines up the current equipotential gradient towards possible source areas. I can have results to you in about an hour if you are interested.