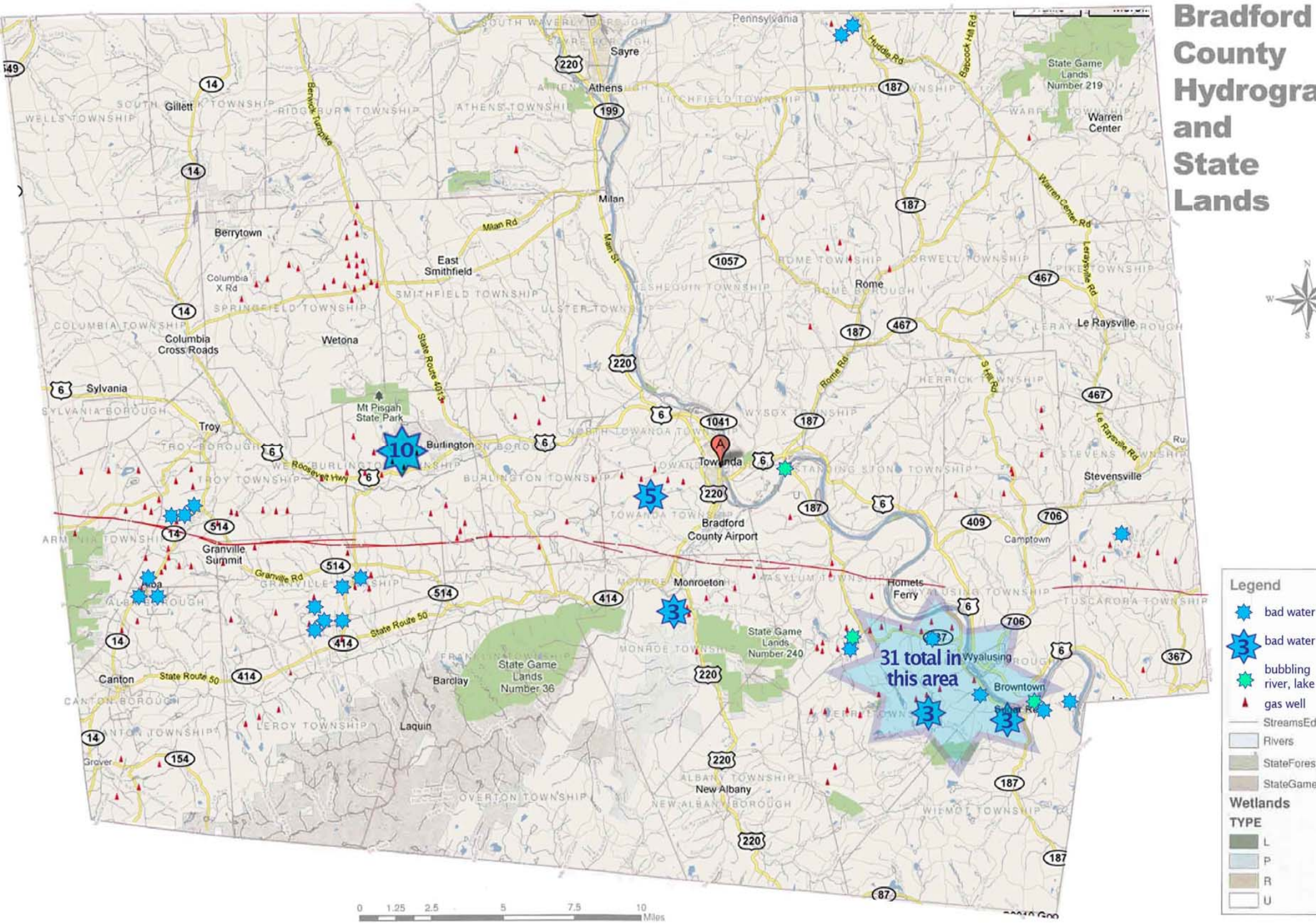
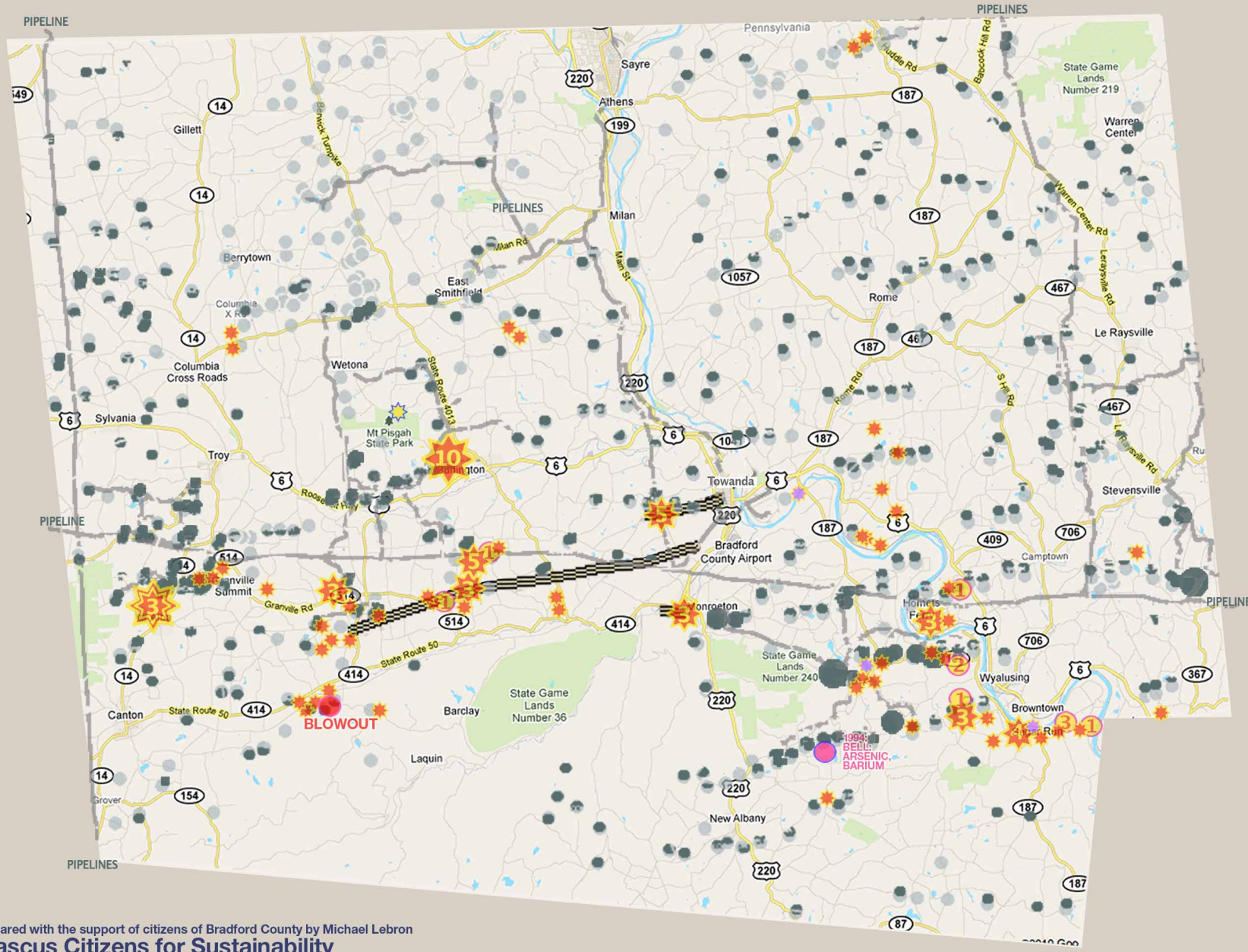
From: DamascusCitizens
Sent: Friday, November 15, 2013 6:16 PM
To: ord.docket@epa.gov; Hanlon, Edward
Subject: Attention Docket ID No. EPA-HQ-ORD-2010-0674

Comment from:
On behalf of Damascus Citizens for Sustainability and NYH2O we are submitting the following information for consideration by the EPA Science Advisory Board and the researchers conducting the nationwide study of high volume hydraulic fracturing impacts.
B. Arrindell
Director
Damascus Citizens for Sustainability

This comment contains 2 maps one from Jan, 2011, August, 2011 and the other Feb, 2012 - of impacted water wells in Bradford county, PA


Bradford County Hydrography and State Lands
Pennsylvania
Sayre
Athens
Gillett
Berrytown
East Smithfield
Milan
Rome
Warren Center
Le Raysville
Stevensville
Columbia Cross Roads
Wetona
Sylvania
Mt Pisgah State Park
Troy
Burlington
Towanda
Bradford County Airport
Granville Summit
Monroeton
Romets Ferry
Camptown
Wyalusing
Browntown
Canton
Barclay
Laquin
Grover
New Albany
State Game Lands Number 219
State Game Lands Number 240
State Game Lands Number 36
10
5
3
31 total in this area
3
3
Legend
bad water
bad water
bubbling river, lake
gas well
StreamsEd
Rivers
StateFores
StateGame
Wetlands
TYPE
L
P
R
U
0 1.25 2.5 5 7.5 10
Miles



Bradford County PA

Compromised water wells, determined by:
—personal observation
—newspaper accounts
—reports by neighbors

TOTAL: **92**
as of Aug 26, 2011

- PIPELINES
- bad water well
- bad water wells
- ILLNESS-CAUSING RADIOLOGICAL EXPOSURE TO HUMANS
- lake, river, bubbling
- gas wells
- vertical gas wells - active
- lake - fish kill cause: disputed
- Fault
- SUPERFUND SITE

Map prepared with the support of citizens of Bradford County by Michael Lebron
Damascus Citizens for Sustainability
New Yorkers for Sustainable Energy Solutions Statewide
Gas well locations from http://www.bradfordcountypa.org/Natural-Gas.asp?specifTab=2

Bradford County PA
Compromised water wells, determined by:
—personal observation
—newspaper accounts
—reports by neighbors
TOTAL: 98
as of Feb 15, 2012
PIPELINES
bad water well
bad water wells
ILLNESS-CAUSING RADIOLOGICAL EXPOSURE TO HUMANS
lake, river, bubbling
gas wells
gas wells - active
lake - fish kill cause: disputed
Fault
SUPERFUND SITE
YOU ARE HERE
Sayre
Athens
Milan
Rome
Towanda
Bradford County Airport
Monroeton
Wyalusing
Browntown
Stevensville
Le Raysville
Warren Center
State Game Lands Number 219
State Game Lands Number 240
State Game Lands Number 36
Barclay
Laquin
New Albany
Canton
Troy
Sylvania
Columbia Cross Roads
Wetona
Mt Pisgah State Park
Gillett
Granville Rd
State Route 50
State Route 4013
BLOWOUT
1994: BELL: ARSENIC, BARIUM
0 1.25 2.5 5 7.5 10 Miles
Map prepared with the support of citizens of Bradford County by Michael Lebron
Damascus Citizens for Sustainability
New Yorkers for Sustainable Energy Solutions Statewide
Gas well locations from http://www.bradfordcountypa.org/Natural-Gas.asp?specifTab=2