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## MEDIA ADVISORY – OIL AND GAS DISPOSAL WELL VOLUME REDUCTION PLAN

The Oklahoma Corporation Commission’s Oil and Gas Conservation Division (OGCD) has put in place a plan to reduce oil and gas wastewater disposal well volume in an proscribed area of northern Oklahoma County and southern Logan County. Under the plan, operators will have a 60 day period during which volume will be reduced 38 percent, or about 3.4 million barrels under the 2014 total. Such a reduction will bring total volume for the area to a level under the 2012 total by about 2.4 million barrels. The area saw its sharpest rise in seismicity start in late 2012.

An example of the letter that is being sent out to operators is attached, Also attached is a graphic of what is called the “Logan County trend” area (the impacted area), and a listing of the wells and operators involved.

Also attached is the latest report on the April and July “plug-back” actions taken by the OGCD.

This is the latest development under the “traffic light” system”. The system was first put in place in 2013 in response to the concerns over the possibility of earthquake activity being caused by oil and gas wastewater disposal wells in Oklahoma. It has been in a state of constant evolution since then, as new data becomes available.

Other elements of the traffic light system include:

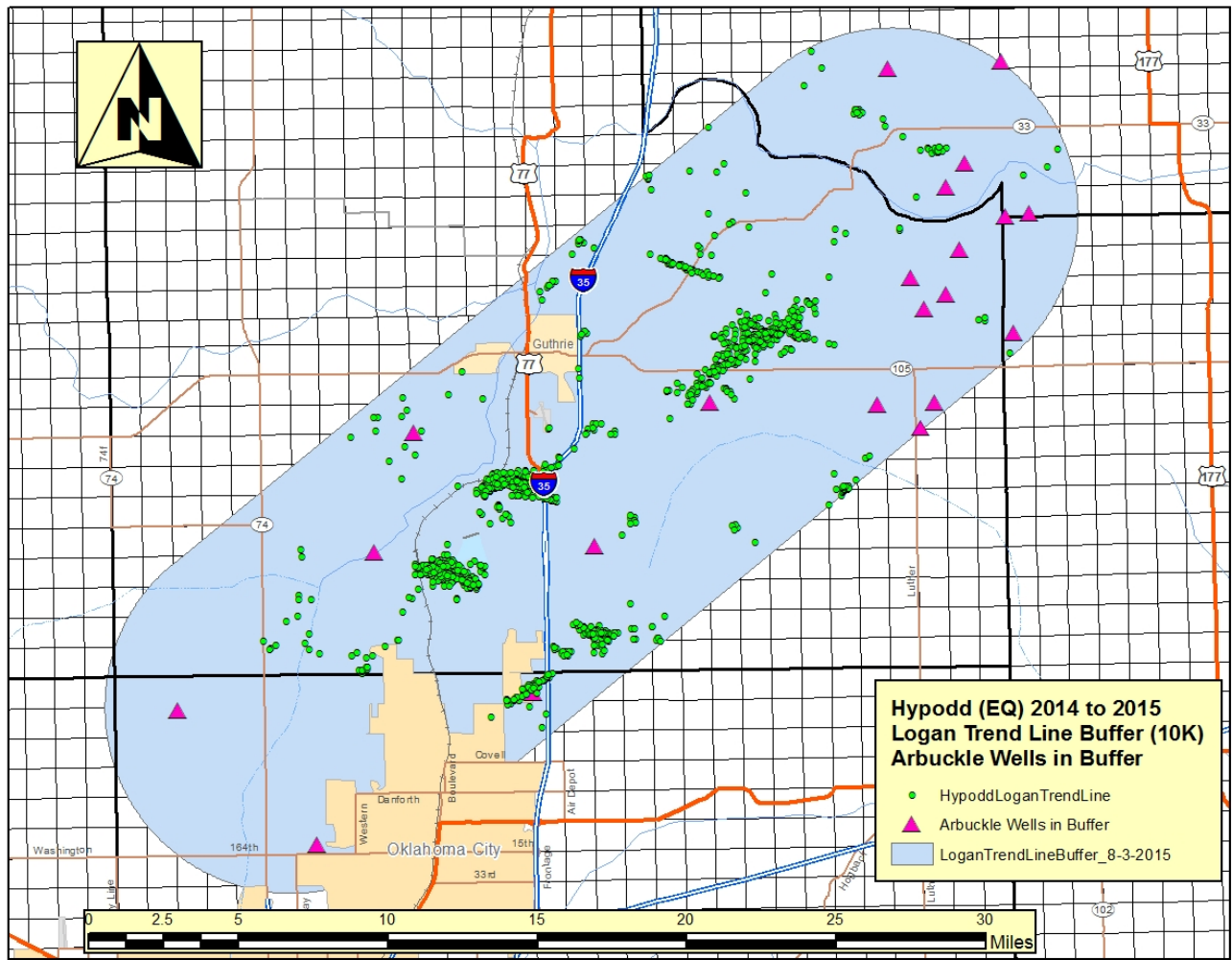
- Required seismicity review for any proposed disposal well.
  - § Those proposed wells that do not meet “red light” (stop) standards but are still of concern:
    1. Must have public review
    2. Permit is temporary (six months)
    3. Permit language requires\*\*
      1. Seismometers
      2. Shut down if rise in background seismicity or there is a defined seismic event
      3. Shut in and perform reservoir pressure testing every 60 days.
  - \*\* Applicant agreement to conditions does not guarantee approval
- Weekly volume reporting requirements for and close scrutiny of all disposal wells in an Area of Interest (AOI):
  - § AOI now defined as a 10 kilometer (about 122 square miles) area surrounding the center mass of an earthquake “cluster”
- Rules increasing from monthly to daily the required recording of well pressure and volume from disposal wells that dispose into the Arbuckle formation (the state’s deepest injection formation)
- Rules requiring Mechanical Integrity Tests for wells disposing of volumes of 20,000 barrels a day or more have increased from once every five years to every year, or more often if so directed by the Commission

–OCC–

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Editors, Producers: See [www.occeweb.com](http://www.occeweb.com) and [www.earthquakes.ok.gov](http://www.earthquakes.ok.gov) for maps, directives and other information on earthquake response

—New Areas of Interest 8-3-2015 AOI.jpg



Attachments:

08-03-15LetterSeismicity_Final.docx	32.2 KB
New Areas of Interest 8-3-2015 AOI.jpg	636 KB
LoganPayne_23_wells_8-3-2015_b.xlsx	11.6 KB
All_Directive_Area_Of_Interest_Wells_07_31_2015.xlsx	484 KB