

# ATTACHMENT 20

AR # 244

E-mail re: Last Transmittal of AoR  
Information

244

**McDonald, Jeffrey**

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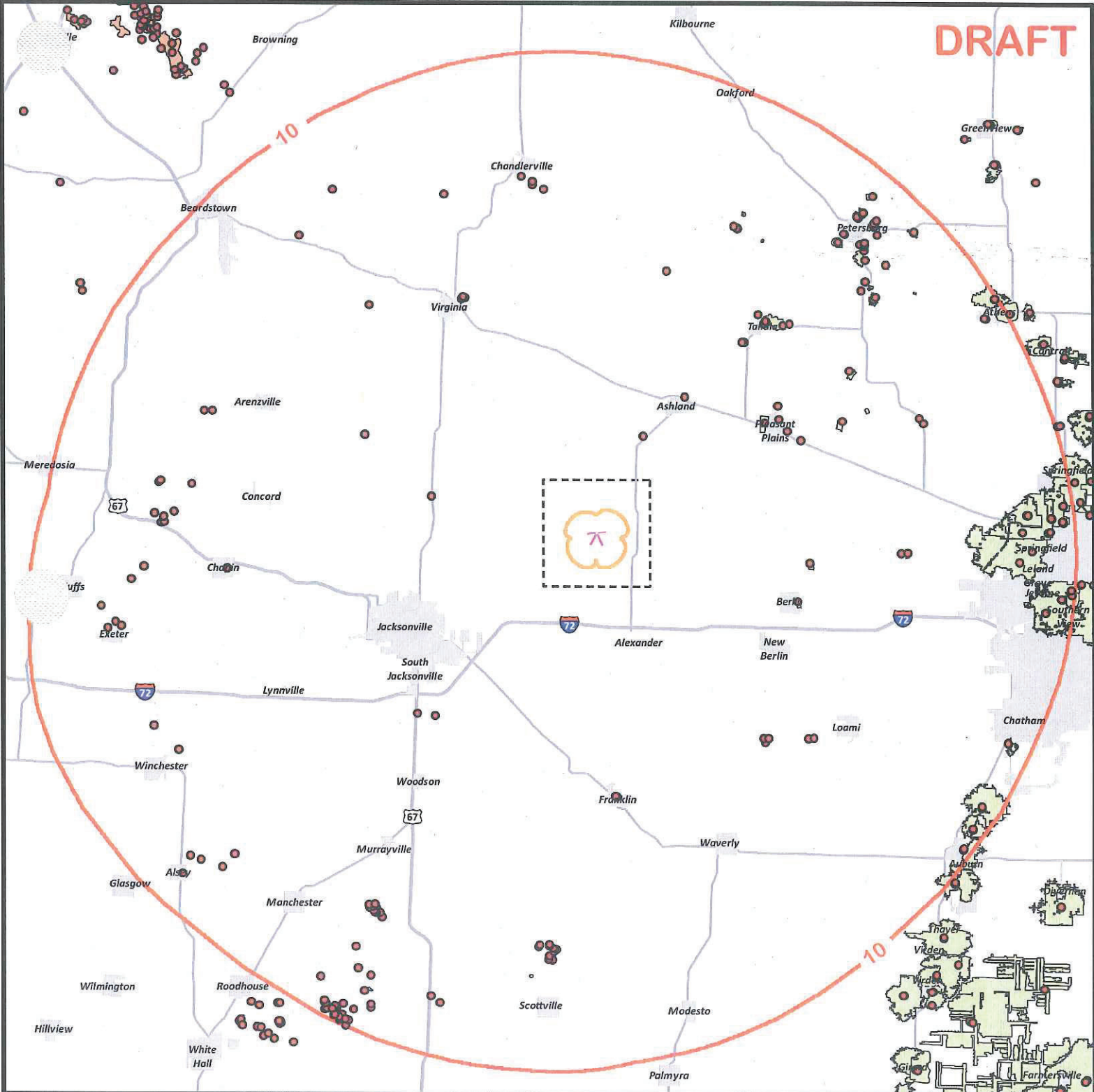
**From:** Gilmore, Tyler J [Tyler.Gilmore@pnnl.gov]  
**Sent:** Monday, March 10, 2014 5:39 PM  
**To:** McDonald, Jeffrey; Bayer, MaryRose  
**Cc:** Greenhagen, Andrew; Appriou, Delphine; Lanigan, David C; Lucinda Low Swartz  
**Subject:** Last Transmittal of AoR information  
**Attachments:** 2014-DCL-AqPressDiff\_Mines\_60yr-001\_03-10.png

Jeff and Molly,

Attached is the last in a series of draft maps that provide the information required for the AoR as part of the permit application. This last map identifies all of the mines within the AoR. This combined with the maps sent on Saturday should meet the regulations for providing pertinent information on the AoR. Please call if you have questions or comments.

Thanks  
Tyler

DRAFT

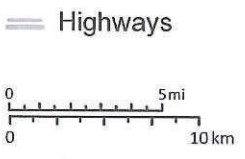


Base Map Projection: 1:498,715 NAD1983 Illinois State Plane West (ft)

- Coal Mines
- Surface
- Underground
- Indefinite Mine Boundary
- Underground Coal Mine Point
- Horizontal Injection Well

10 Aqueous Pressure Differential (psi) at 60 years after start of CO<sub>2</sub> injection (maximum extent of 10 psi contour). Proposed AoR.

cm24\_c2 model simulation  
Max. CO<sub>2</sub> Plume



-- 5 mi x 5 mi Survey Area