



Fort George G. Meade



Operable Unit No. 4 Lower Patapsco Aquifer Investigation – Off Post Drilling Update

Restoration Advisory Board Meeting
January 17, 2013



ARMY STRONG.™



Operable Unit-4 & LPA

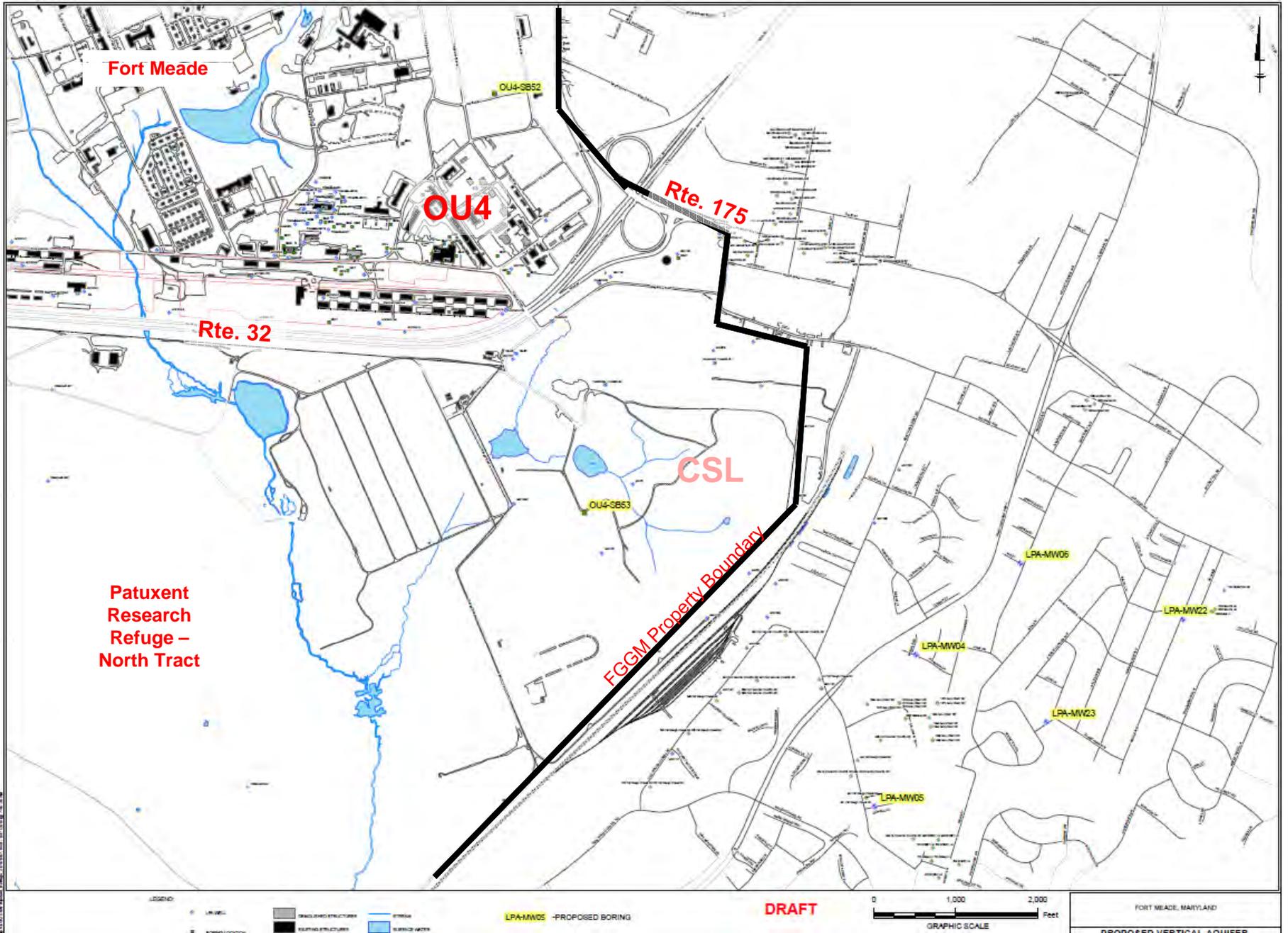


TOPICS

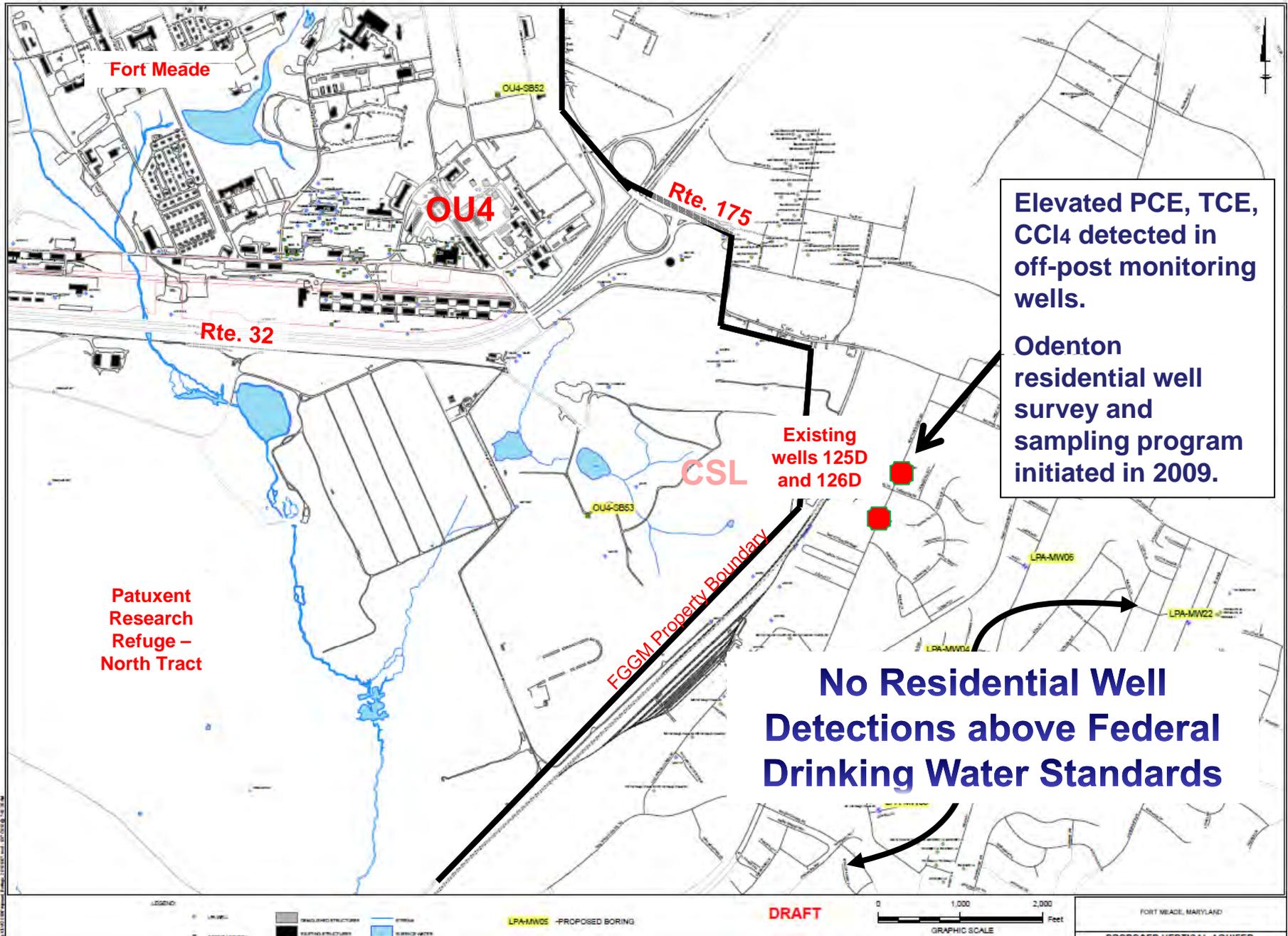
- Notice about upcoming off-post drilling activities
- Overview of drilling and sampling methodology
- Drilling locations and temporary road closures



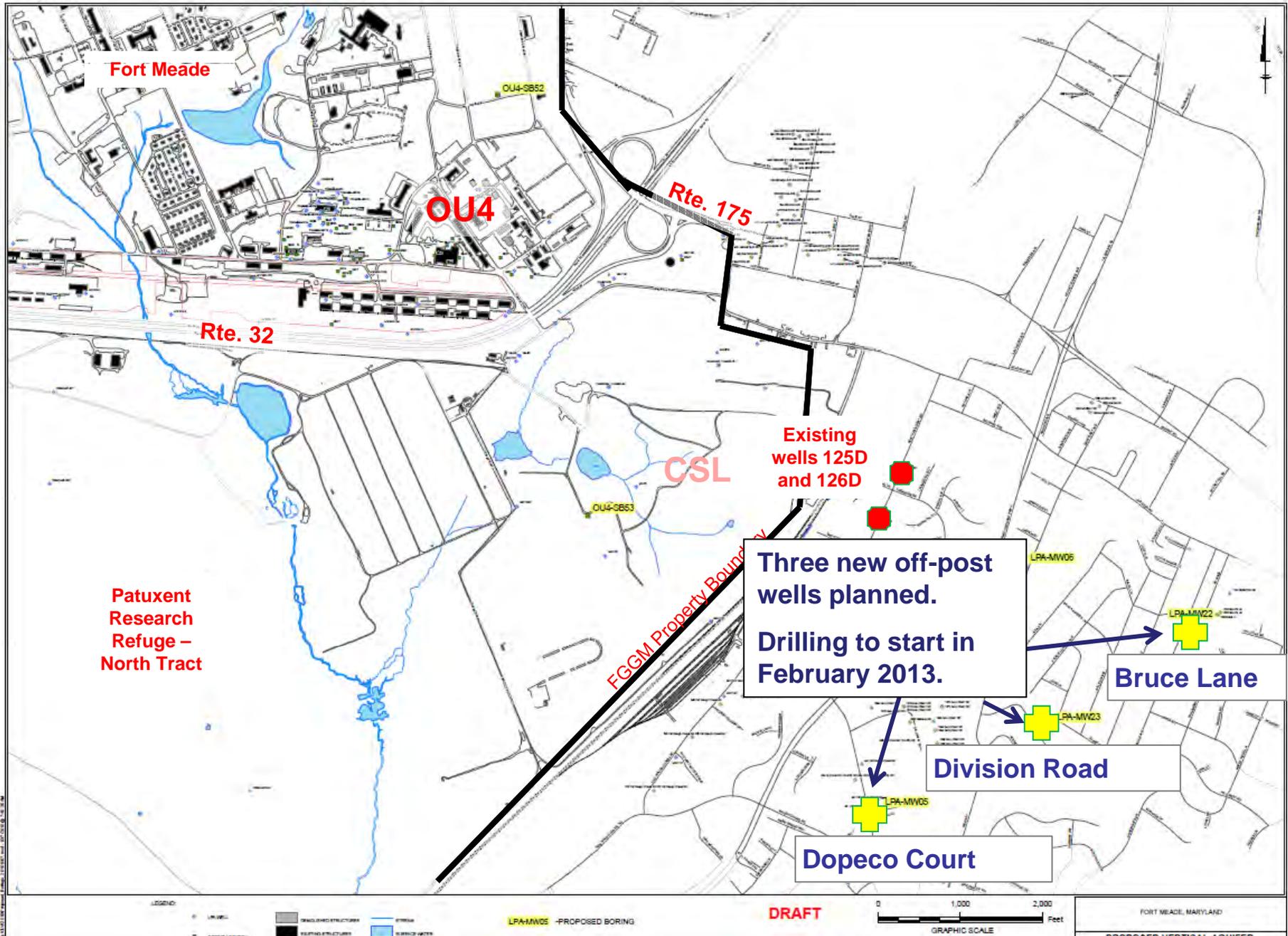
OU4 Study Area



Existing Off-Post Monitoring Wells



Next Step: Additional Off-Post Monitoring Wells

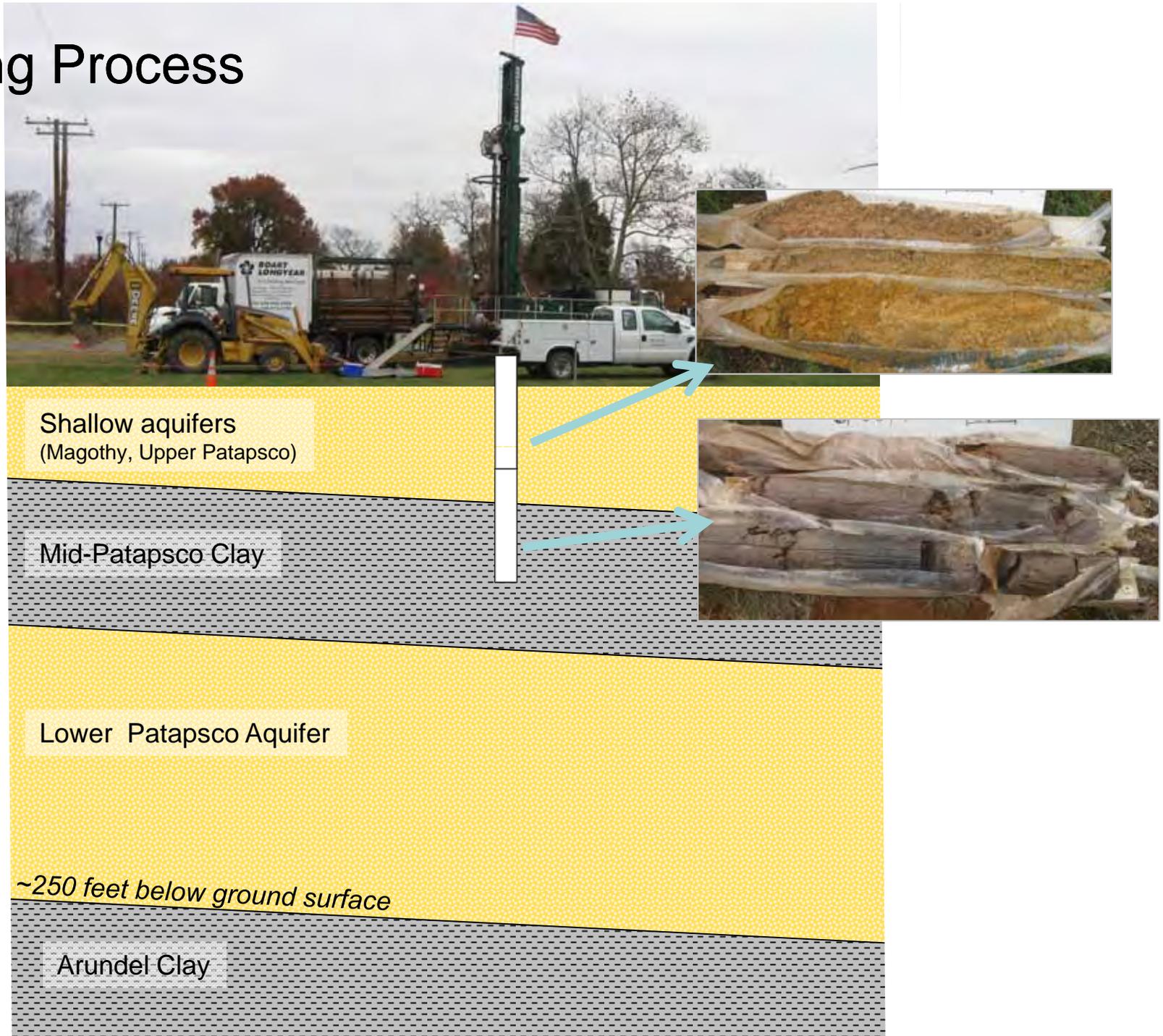


Off-Post Drilling – Odenton Area

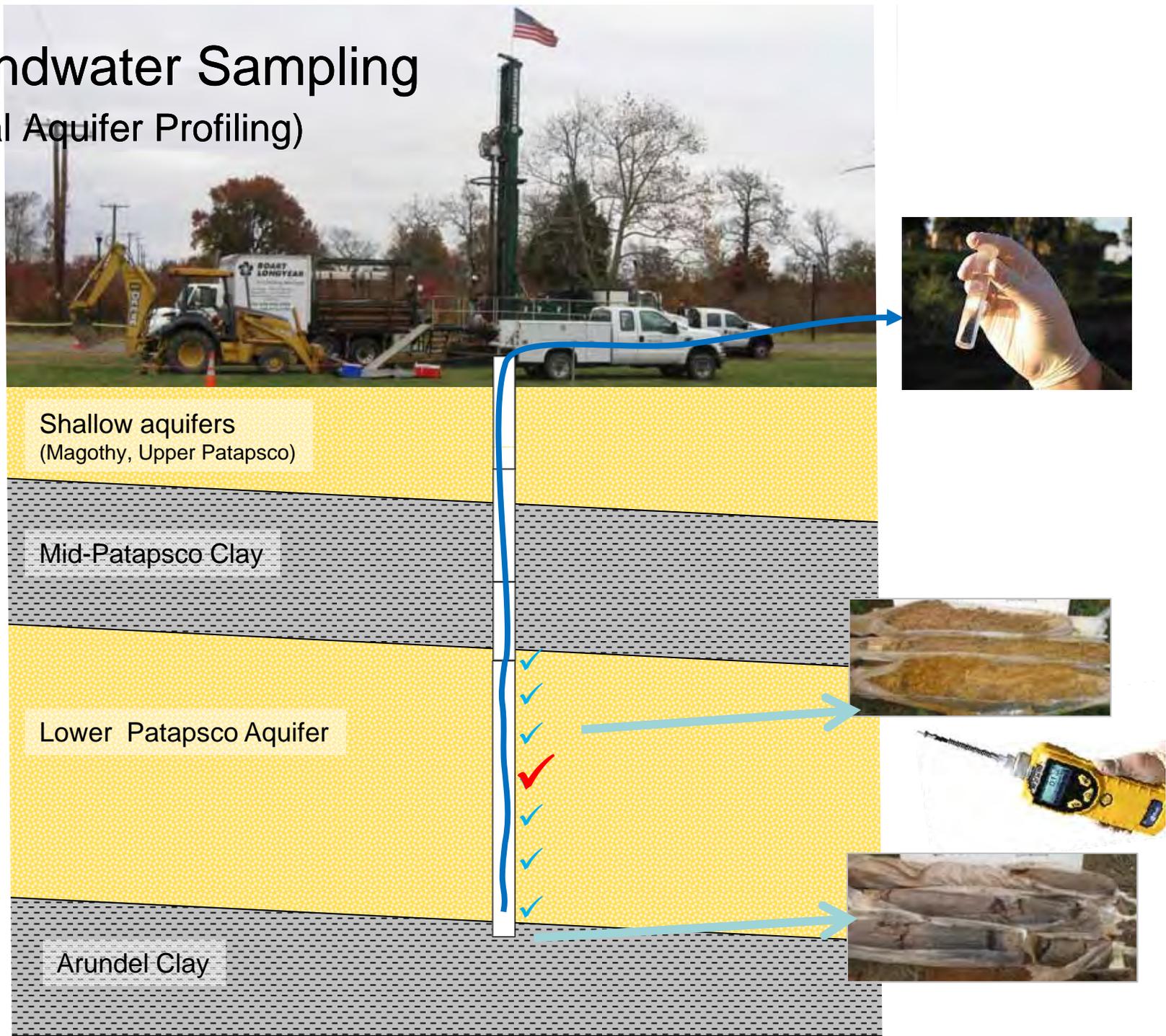
- ❑ Rotosonic drilling; vertical groundwater sampling; monitoring well installation.
- ❑ Regular communication with EPA & MDE during drilling to discuss observations and make decisions.
- ❑ All drilling locations on Anne Arundel County (AACO) property.
- ❑ Some road closures will be necessary.
- ❑ Access agreements with AACO completed.
- ❑ Anticipated start: February 2013
- ❑ Up to 12 drilling days per location.
- ❑ Fact sheets distributed to residents nearest drilling locations (1/22 & 1/23)



Drilling Process



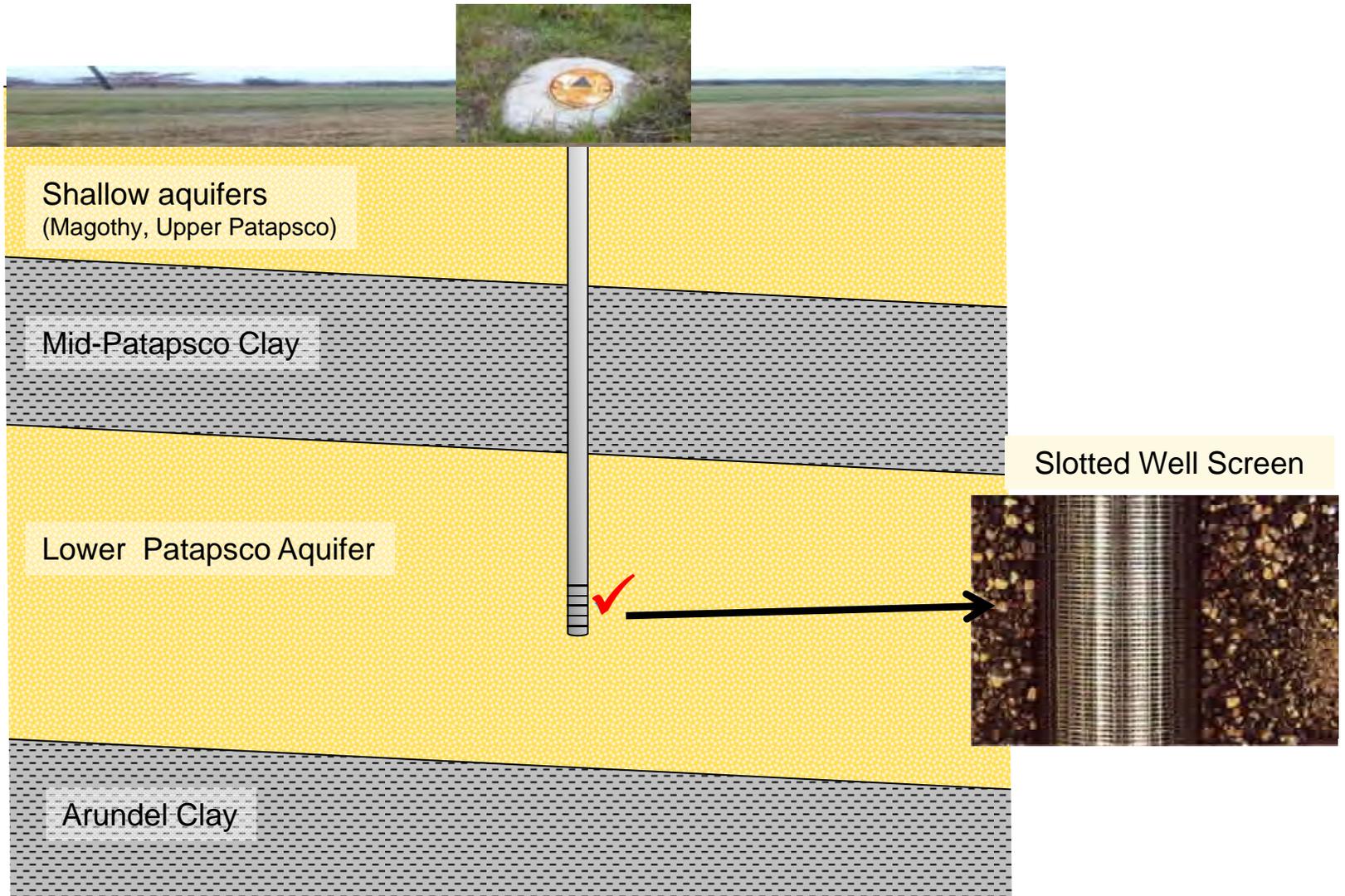
Groundwater Sampling (Vertical Aquifer Profiling)



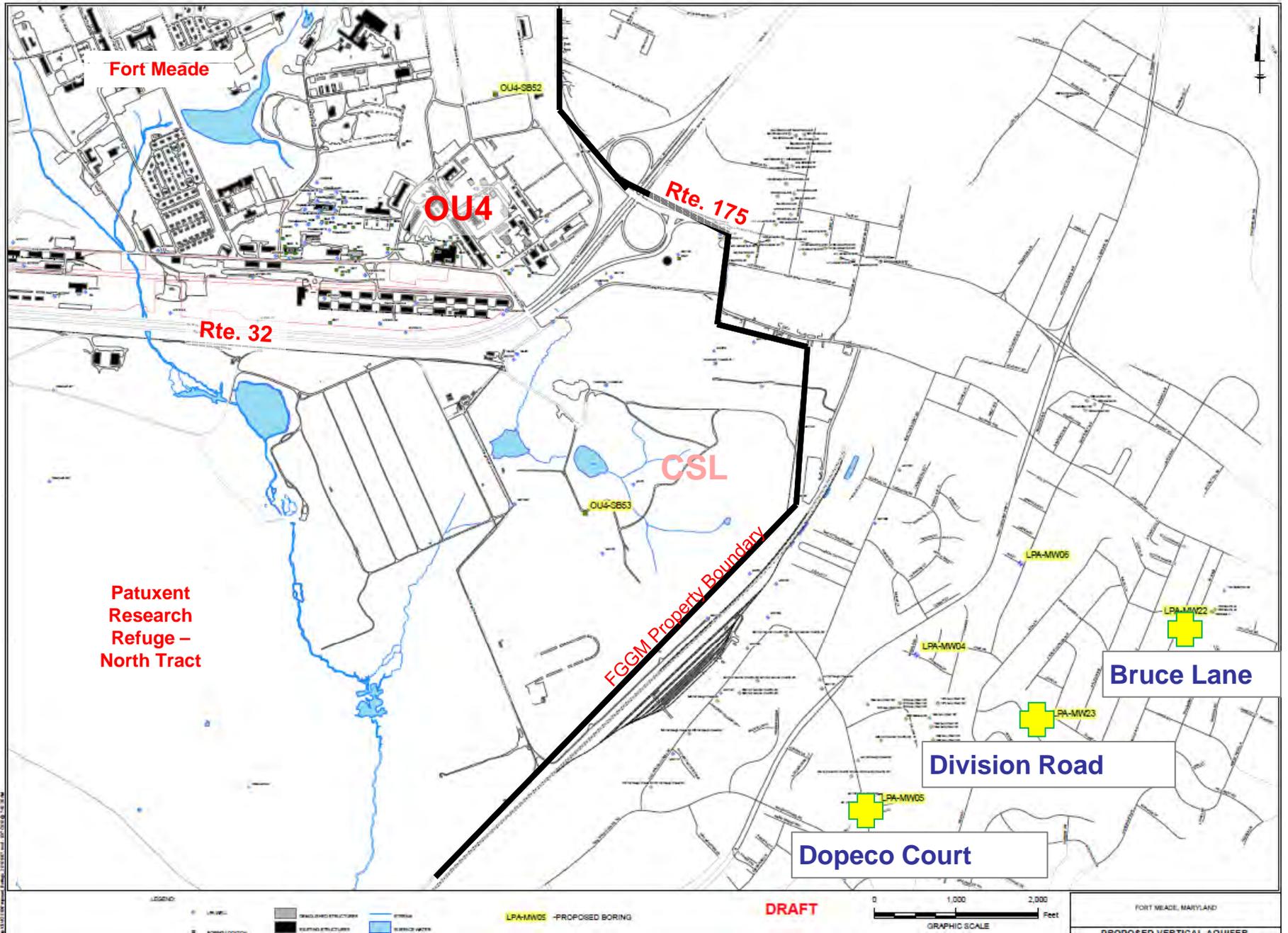
Well Construction



Completed Monitoring Well



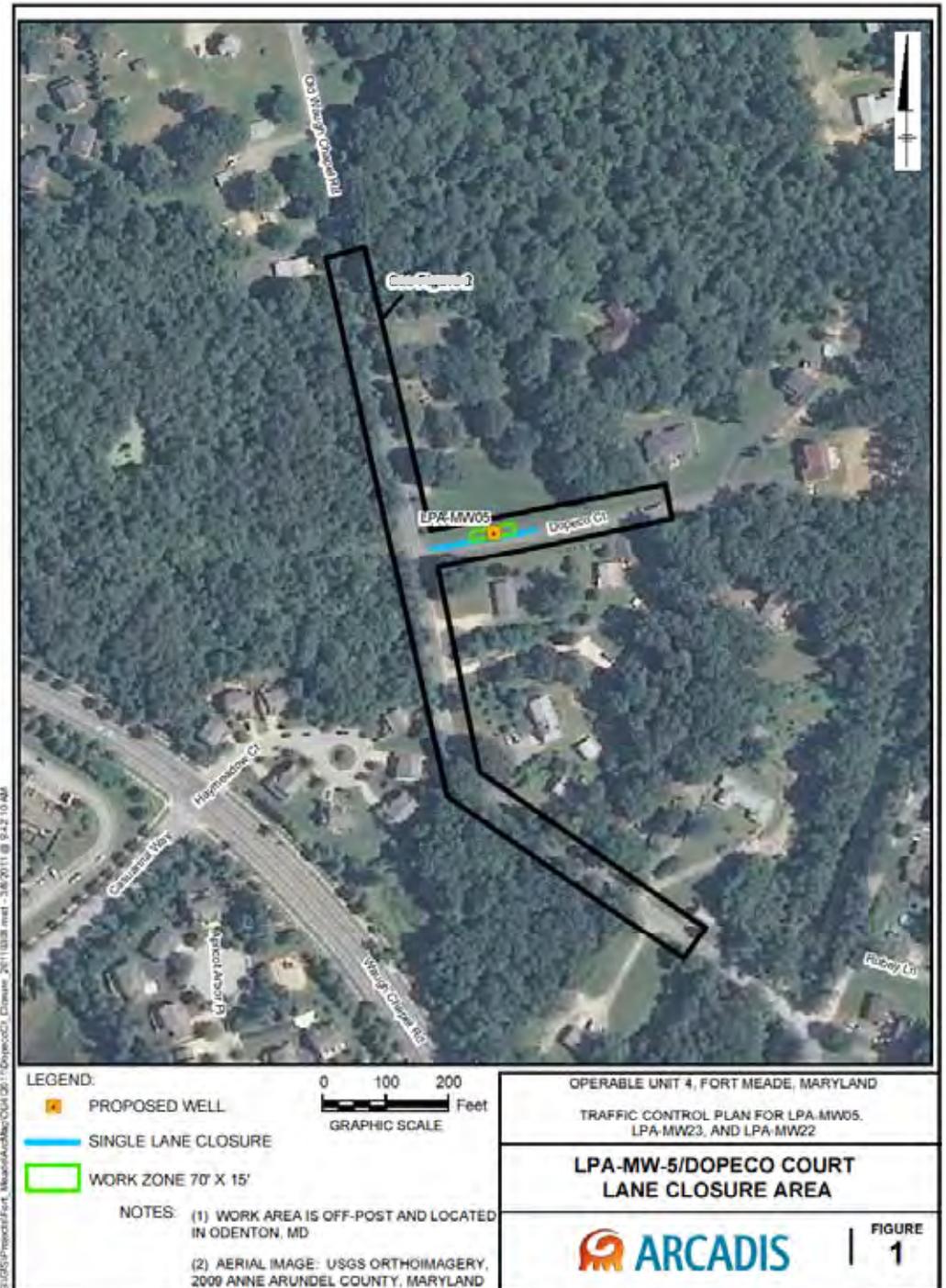
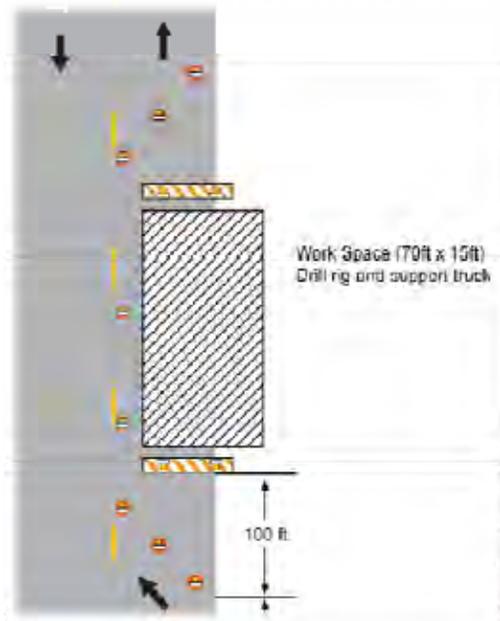
Specific Drilling Locations



Dopeco Court

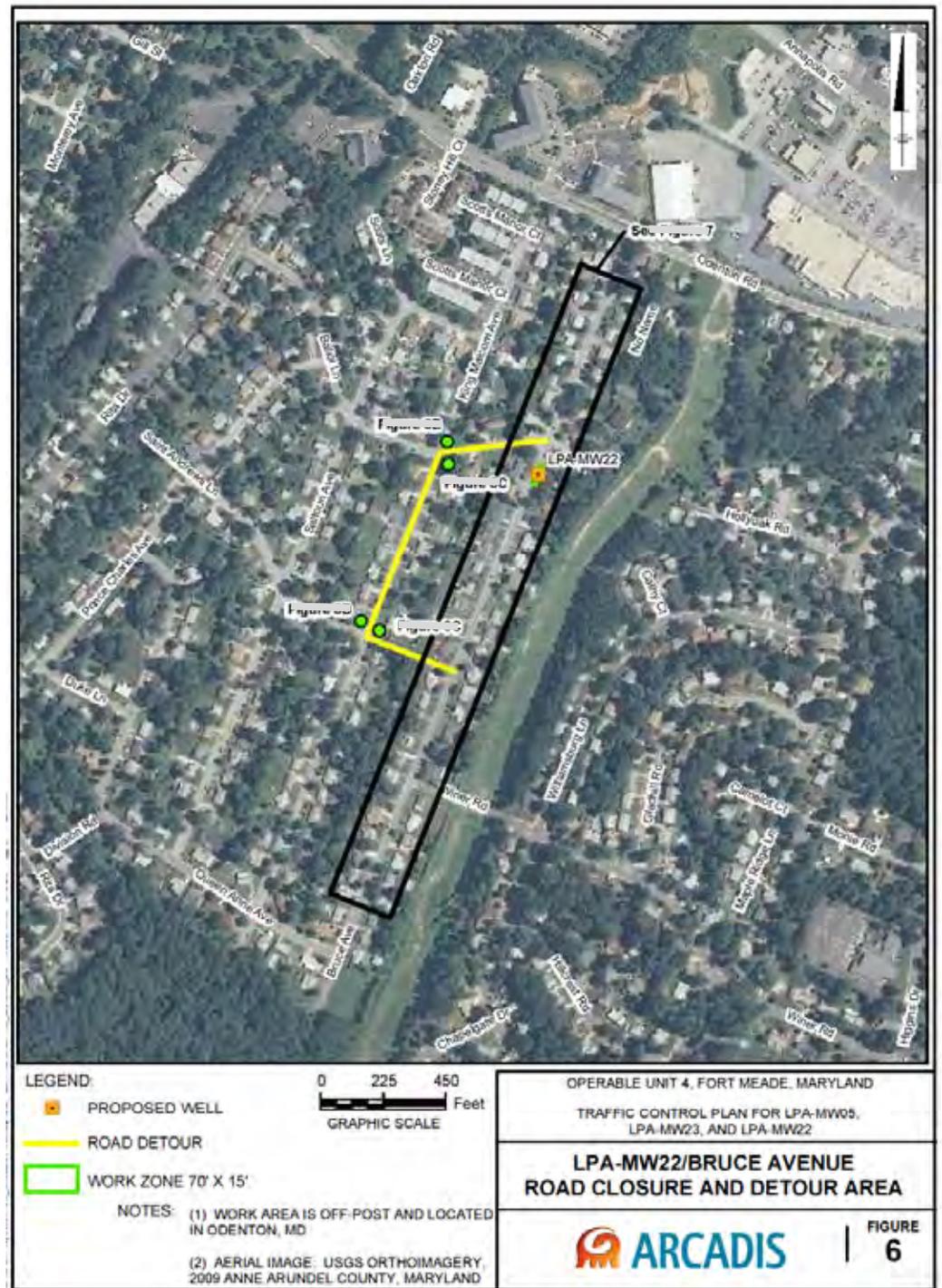
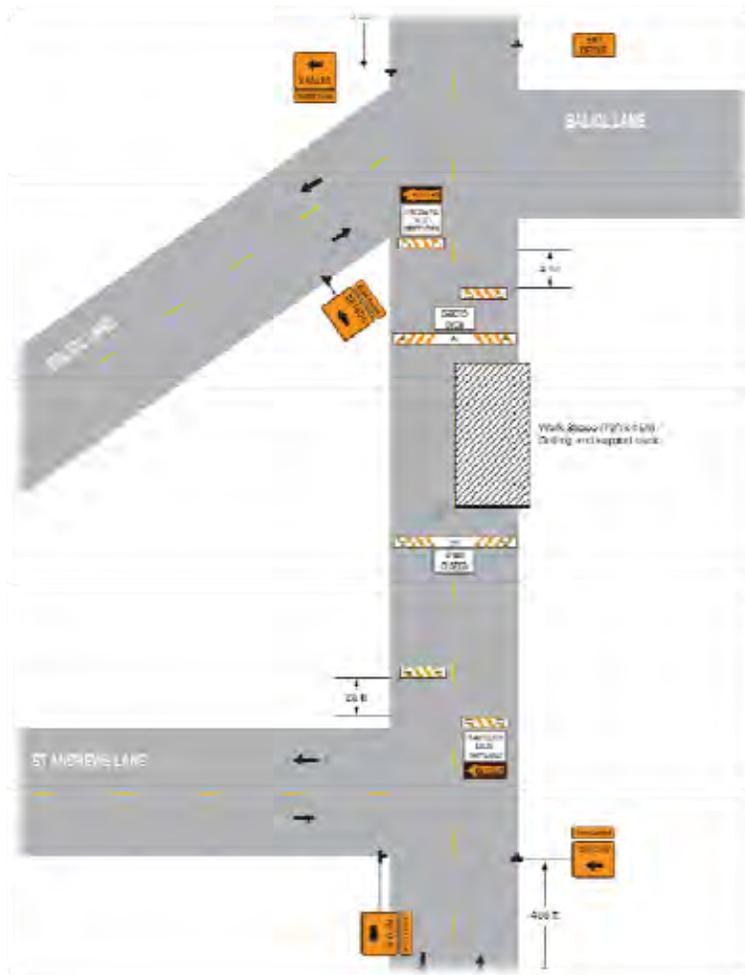
- Dopeco Court is a dead end street with five residences.
- Single lane closure during well installation activities. One lane will be kept open at all times to accommodate low traffic volumes in either direction.

Detailed traffic control plans reviewed and approved by AACO for each location.



Bruce Avenue

- Temporary road closure between Baliol Lane and St. Andrews Lane with detour.





OU4 & LPA – Off-Post Drilling Schedule



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|----------------------------------|--|
| January 22-23, 2013 | Door-to-door notification to neighborhood residents about road closures and drilling activities. |
| February 11, 2013 to early March | Off-post drilling commences; monitoring wells installed and sampled. |
| Summer 2013 | Second round of off-post drilling anticipated. Locations to be determined. |

* Data to be presented at future RAB Meetings.



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