Subsurface Soil Surveys Public Workshop

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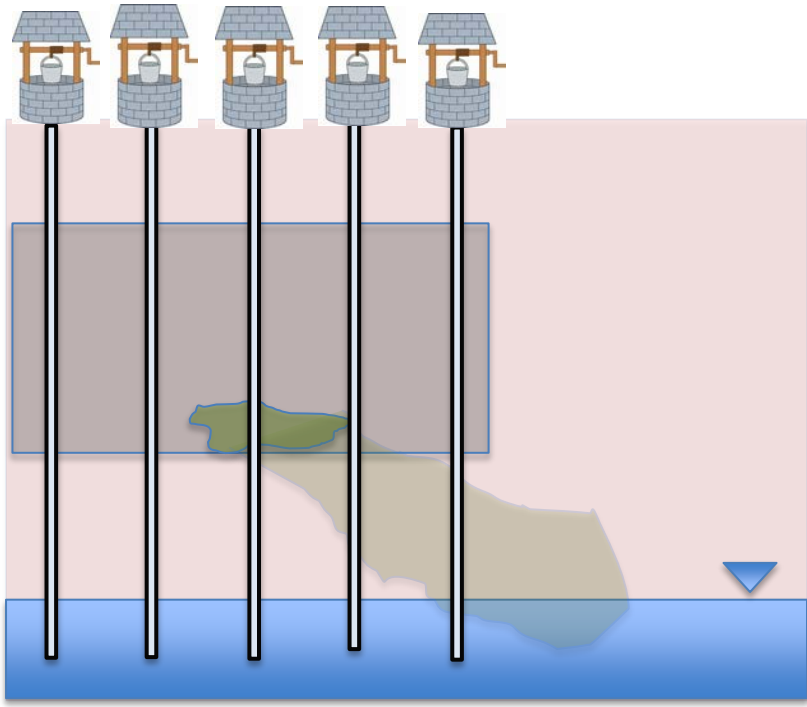
Elevated Areas or "Hot Spots" in the Subsurface

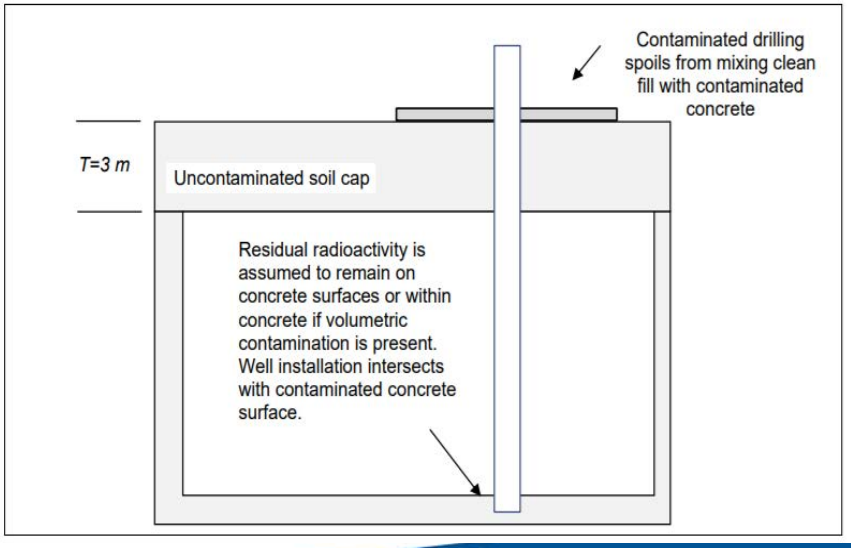
Consideration of Elevated Areas in the Subsurface



- Elevated areas in subsurface soils may be less important than on the surface (the total inventory may drive the dose from the groundwater pathway)
- Elevated areas may be a more important consideration for intrusion scenarios

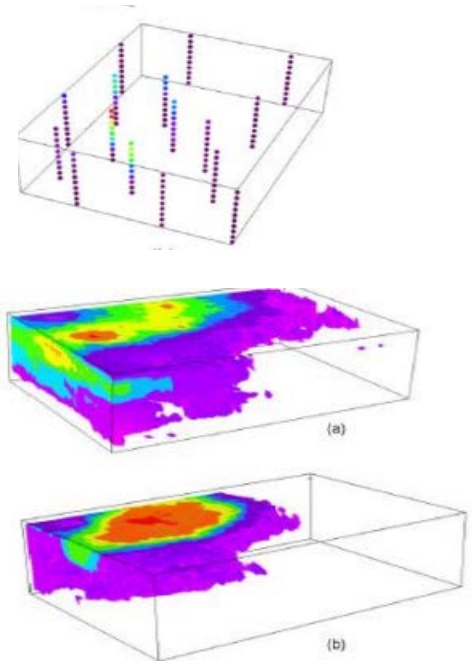
Alternative DCGL Approaches for Elevated Areas

- In the case that open excavation surfaces are available for scan survey, DCGLemcs could be based on the intrusion scenarios, or
- The DCGLw could be developed based on the most limiting scenario



Considerations for Elevated Areas in the Subsurface

- On the surface, scan surveys are typically used to detect elevated areas between sample locations.
- What should the rigor of the survey be to detect elevated areas where there are no exposed surfaces to scan in the subsurface?
- Could the survey be designed to detect elevated areas of a certain size based on dose modeling?
- The sample size could be based on the probability of detecting an elevated area of a certain size.



Thank you!