

70 - 100

10 - 50 *

0 - 20

0 - 5

70 - 100

10 - 75

0 - 5

0 - 2.5

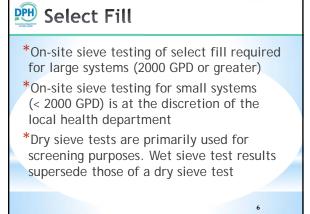
#10

#40

#100

#200







Select Fill

- *The select fill package extends 5 feet around the leaching system perimeter. The installer is responsible for placement of the select fill.
- *It is the installer's responsibility to properly compact select fill material to facilitate construction and to avoid settling.
- *Manufactured Fill: Annual submittals for all active quarries are due July 1st of each year for DPH approval.



Select Fill Placement

- *Licensed installer responsible for preparing the site with select fill
 - *Remove topsoil (strip)
 - *Scarify or rough/fluff up the soil interface
 - *Place fill using a tracked machine
- *Local health department typically conducts a strip and fill inspection



Staking Inspection

- *Some local health departments require a staking inspection
- *Stakes are placed around the perimeter of the proposed leaching system
- *System elevations may be labeled on the stakes
- *Limits of strip are reviewed and approved by the locals prior to stripping



Strip Inspection

- *Prior to select fill placement
 - *Measure striped area
- *Verify scarification
- *Look for signs of compaction or over excavation
- *Photo document (if needed)
- *Utilize Form #3 (Final Inspection Report)
- *Review approved plan with installer

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Compacted Strip Area

- *Identify damages
 - *Percolation tests can be conducted in damaged / impacted areas to evaluate extent of over-compaction
 - *System may need to be relocated or redesigned if an alternative location is not available
 - *Contact PE, if applicable



Fill Placement Inspection

- *Examine select fill
- *May require sieve analysis
- *2000 GPD system requires on-site sieve
- *Fill being properly installed in 12" lifts
- *No use of tire equipment in strip area
 - *Tracked equipment properly cleaned (no chunks of top soil in the track)
- *Verify elevations
- *Use Form #3 (pg. 53)



*Strip, scarification and fill placement video.

System Inspection

- *Some local health departments require a mid-install system inspection
 - *Tank placement
 - *Leaching structures
 - *Sewer line, pitch and length
 - *Foundation drain outlet
 - *Check stone
 - *Elevation verification

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The following pictures were taken by Peter Andrews and Joe Perry and are provided by Andrews Perry Construction



Additional photographs can be found on their website.

http://www.andrewsperryconstruction.com

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