US EPA ARCHIVE DOCUMENT

Note... Potentiometric contours do not reflect stratigraphy

Confined ~35' BGL
724.5 ~50' Artesian

EX-4 691.78
EX-15 691.99
731.1'
Confined 40' BGL
50' Artesian

(705.4)
EX-12S 670.18
BGL Confined 35'
30' Artesian

Draft...

No L. Rad Till Sd.

(728')
55' BGL
(32' Artesian)

EX-5 672.93

Occurrence of L. Radnor Till Sd.

Conclusion... Lower Radnor Sand probably does not "breakout"...
(during 4th Q ... Fall)

L. Rad Till Sd.

Ex 6:
L. Rad Unit @ ~640' Elev

(718.4)
EX-19 658.95
60' BGL

EX-7 660.37
(691.8)
36.5'
31.3'
+18' Artesian

EX-6 672.35
(694)
+30' Artesian
22' BGL

(701)
EX-21D 658.32
(20' BGL)
+18' Artesian

EX-8S 646.45
(654.0)
BGL = 5' Below Ground
(10' Artesian)

Ex 12:
BGL
691.8
31.5
660.37
Artesian = 19.3'
641.1
L. Rad
635

Ex 21D:
BGL = 43'
701
658
18'
640
637

94
672
640
636

(684') = Elev. Ground Surface
BGL = Below Ground level

G.W. Anal. by S.M. Johnson
12/16/09

U. S. EPA Region 5
Breakout Assessment
L. Radnor Till Springs
by S.M. Johnson 12/16/09

**LEGEND**

- APPROXIMATE CLINTON LANDFILL NO.3 FACILITY BOUNDARY
- APPROXIMATE EXISTING PERMITTED CLINTON LANDFILL NO.3 WASTE BOUNDARY
- APPROXIMATE CHEMICAL WASTE UNIT BOUNDARY
- PIEZOMETER
- 671.08 POTENTIOMETRIC ELEVATION
- —674— POTENTIOMETRIC CONTOUR LINE

**NOTES**

1. DRAWING MODIFIED FROM PDC TECHNICAL SERVICES, INC. TITLED 4TH QUARTER 2006 POTENTIOMETRIC CONTOURS-LOWER RADNOR TILL SAND.

GRAPHIC SCALE

| REV. NO. | DATE | DESCRIPTION |
|---|---|---|

area Clinton Landfill, Inc.

Shaw Shaw Environmental, Inc.

CLINTON LANDFILL NO. 3 CHEMICAL WASTE UNIT
DEWITT COUNTY, ILLINOIS

4TH QUARTER 2006 POTENTIOMETRIC CONTOURS-LOWER RADNOR TILL SAND

| | | | |
|---|---|---|---|
| PROJ. NO.: | 1208017 | DATE: | OCTOBER 2007 |
| DESIGNED BY: | MNF | DRAWING NO. | G15 |
| DRAWN BY: | APD | | |
| CHECKED BY: | JPV | | |
| APPROVED BY: | DJD | 15 OF 21 SHEETS | |