

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke

Adams County Landfill

Job No. 542

**LOCATION**

Adams County, WI

**Elev.**

982.18

Boring No. B-4

|               |                       |       |                     |         |                                      |
|---------------|-----------------------|-------|---------------------|---------|--------------------------------------|
| <b>GROUND</b> | While drilling        | 36.0' | Time after drilling | 1/2 hr. | Start 6/6/84<br>Unit 750<br>Chief PI |
| <b>WATER</b>  | Before casing removal | --    | Depth to water      | 36.0'   |                                      |
|               | After casing removal  | --    | Depth to cave-in    | --      |                                      |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |  | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | TOPSOIL 0.3'   | 140          | 30"  |                     |          |             |            | HSA             |
|            |          |                  |      |                 |             | SAND, LIGHT BROWN, M-F, TRACE OF SILT (SP)             |              |      |                     |          |             |            |                 |
| 1          | M        | 6                | 6    | 1.5             | 13          |  |              |      |                     |          |             |            |                 |
| 2          | D        | 5                | 5    | 1.0             | 11          |  |              |      |                     |          |             |            |                 |
| 3          | D        | 4                | 4    | 1.2             | 8           |  |              |      |                     |          |             |            |                 |
| 4          | D/M      | 3                | 4    | 1.2             | 9           |  |              |      |                     |          |             |            |                 |
| 5          | M/W      | 3                | 2    | 1.5             | 5           | CLAYEY SILT, BRN, W/SO. FINE SAND (ML)                 |              |      |                     |          |             |            |                 |
| 6          | D        | 15               | 23   | 1.5             | 50          | SAND, LT. BROWN, FINE TO VERY FINE, TRACE OF SILT (SP) |              |      |                     |          |             |            |                 |
| 7          | W        | 17               | 29   | 1.2             | 61          |  |              |      |                     |          |             |            |                 |
| 8          | W        | 13               | 15   | 1.0             | 33          |  |              |      |                     |          |             |            |                 |
| 9          | W        | 7                | 8    | 1.2             | 16          |  |              |      |                     |          |             |            |                 |
| 10         | W        | 5                | 6    |                 | 13          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. @ 51.5'   |              |      |                     |          |             |            |                 |

## FIELD BORING LOG

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Eoth &amp; Van Dyke Adams County Landfill

Job No. 542

LOCATION Adams County, WI Elev. 967.46

Boring No. B-5

|        |                       |       |                     |         |              |
|--------|-----------------------|-------|---------------------|---------|--------------|
| GROUND | While drilling        | 25.0' | Time after drilling | 1/2 hr. | Start 6/7/84 |
|        | Before casing removal | --    | Depth to water      | 25.0'   |              |
| WATER  | After casing removal  | --    | Depth to cave-in    | --      | Chief RL     |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS               | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | TOPSOIL   | 140          | 30"  |                     |          |             |            | HS              |
|            |          |                  |      |                 |             | 0.5'  |              |      |                     |          |             |            |                 |
| 1          | D        | 4                | 5    |                 |             | SAND, LIGHT BROWN, C-F, TRACE OF SILT (SP)            |              |      |                     |          |             |            |                 |
|            |          | 6                |      | 1.2             | 11          |   |              |      |                     |          |             |            |                 |
| 2          | M        | 5                | 5    |                 |             |   |              |      |                     |          |             |            |                 |
|            |          | 5                |      | 1.5             | 10          |   |              |      |                     |          |             |            |                 |
| 3          | M        | 7                | 9    |                 |             | 14.0' SAND, LIGHT BRN, MED. TO VF, TRACE OF SILT (SP) |              |      |                     |          |             |            |                 |
|            |          | 8                |      | 1.2             | 17          |   |              |      |                     |          |             |            |                 |
| 4          | M        | 10               | 13   |                 |             | 20.0' SAND, LIGHT BROWN, VF, W/TRC. SILT (SP)         |              |      |                     |          |             |            |                 |
|            |          | 19               |      | 1.5             | 32          |   |              |      |                     |          |             |            |                 |
| 5          | M/W      | 4                | 5    |                 |             | 25.0' SAND, LIGHT BROWN, VF, W/TRACE CLAY & SILT (SM) |              |      |                     |          |             |            |                 |
|            |          | 6                |      | 1.0             | 11          |   |              |      |                     |          |             |            |                 |
| 6          | W        | 10               | 12   |                 |             |   |              |      |                     |          |             |            |                 |
|            |          | 18               |      | 1.2             | 30          |   |              |      |                     |          |             |            |                 |
| 7          | W        | 9                | 10   |                 |             | 37.0' SANDY CLAY, LIGHT BROWN (SC)                    |              |      |                     |          |             |            |                 |
|            |          | 11               |      | 1.2             | 21          | NOTE: Drilled tight from 36.0-43.0'.                  |              |      |                     |          |             |            |                 |
| 8          | W        | 3                | 5    |                 |             |   |              |      |                     |          |             |            |                 |
|            |          | 8                |      | 1.0             | 13          |   |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 43.0' SAND, LIGHT BROWN, M-F, TRACE OF SILT (SP)      |              |      |                     |          |             |            |                 |
| 9          | W        | 5                | 7    |                 |             |   |              |      |                     |          |             |            |                 |
|            |          | 6                |      | 1.0             | 13          |   |              |      |                     |          |             |            |                 |
| 10         | W        | 7                | 7    |                 |             |   |              |      |                     |          |             |            |                 |
|            |          | 8                |      | 1.2             | 15          |   |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. @ 51.5'  |              |      |                     |          |             |            |                 |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                          | Casing/Probe | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/18 |                 |             |  | Weight       |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, M-F, (SP)   | Drop 30"     |                     |          |             |            | HSA             |
| 1          | M        | 4<br>6           | 4    | 1.5             | 10          | Orange-Brn. SAND, F-M. (SP)                                      |              |                     |          |             |            |                 |
| 2          | M        | 4<br>8           | 6    | 1.5             | 14          |  |              |                     |          |             |            |                 |
| 3          | M<br>W   | 7<br>10          | 8    | 1.5             | 18          | Brn. SAND, F, Trace Silt (SM)                                    |              |                     |          |             |            |                 |
| 4          | W        | 24<br>39         | 24   | 1.5             | 53          | Brn. SAND, F (SP)  |              |                     |          |             |            |                 |
| 5          | W        | 14<br>17         | 16   | 1.5             | 33          | Brn. SAND, F, Some Silt, Trace Clay (SM)                         |              |                     |          |             |            |                 |
| 6          | W        | 11<br>13         | 12   | 1.5             | 25          | Rd CLAY, Mottled, Laminated Brn. Silt and Some Sand, F. (CL, ML) |              |                     |          |             |            |                 |
| 7          | W        | TWT              |      |                 |             | -W-D Red Clay in bottom of TWT                                   |              |                     |          |             |            |                 |
| 8          | W        | 3<br>4           | 4    | 1.5             | 8           | Drk. Brn. SAND, Some Silt & Possible Organics                    |              |                     |          |             |            |                 |
| 9          | W        | 5<br>7           | 7    | 1.5             | 14          | Brn. SAND, W/Some Clay Lenses, Trace Silt                        |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F-M, Trace Silt (SP)                                  |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. 41.5'   |              |                     |          |             |            |                 |

# FIELD BORING LOG

Sheet 1 Of 1

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County - Jensen Property **Elev.** 973.49

**Boring No. B-11**

33.2'

Time after drilling 1/2 hr.

Depth to water None

Depth to cave-in 26.8'

Start 6-9-86

Unit Bomb

Chief T.K.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                         | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
| 1          | M        | 8                | 6    | 1.3             | 13          | Brn. - Drk. Brn. SAND, M-F, Some Silt & Organics (SM) 1.0'      | 140#         | 30"  |                     |          |             |            | HSA             |
| 2          | M        | 3                | 4    | 1.5             | 10          | Brn. SAND, F., Trace Silt (SP)                                  |              |      |                     |          |             |            |                 |
| 3          | M        | 5                | 5    | 1.5             | 13          | Brn. SAND, F-M, Trace Silt (SP)                                 |              |      |                     |          |             |            |                 |
| 4          | M        | 4                | 4    | 1.5             | 11          |   |              |      |                     |          |             |            |                 |
| 5          | M        | 5                | 5    | 1.5             | 16          | Brn. SAND, V.F. and Silt (SM)                                   |              |      |                     |          |             |            |                 |
| 6          | M        | 12               | 13   | 1.5             | 32          |   |              |      |                     |          |             |            |                 |
| 7          | M        | 8                | 23   | 1.5             | 80          | Brn. SAND, V.F., Some Silt (SM)                                 |              |      |                     |          |             |            |                 |
| 8          | W        | 14               | 15   | 1.5             | 32          |   |              |      |                     |          |             |            |                 |
| 9          | W        | 12               | 13   | 1.4             | 29          | Brn. SAND, Mottled, Laminated W/Gray Silt and Red Clay (SP, CL) |              |      |                     |          |             |            |                 |
| 10         | W        | 8                | 12   | 1.4             | 31          | E.O.B. 45.0'  |              |      |                     |          |             |            |                 |

**Boring No.** B-12

Chief T.K.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                         | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, F, Trace Silt (SP)                                   |              | 140# |                     |          |             |            | HSA             |
| 1          | M        | 11               | 6    | 1.2             | 14          |   |              |      |                     |          |             |            |                 |
|            |          | 8                |      |                 |             |   |              |      |                     |          |             |            |                 |
| 2          | M        | 8                | 8    | 1.5             | 20          |   |              |      |                     |          |             |            |                 |
|            |          | 12               |      |                 |             |   |              |      |                     |          |             |            |                 |
| 3          | M        | 8                | 10   | 1.5             | 23          |   |              |      |                     |          |             |            |                 |
|            |          | 13               |      |                 |             |   |              |      |                     |          |             |            |                 |
| 4          | M        | 3                | 4    | 1.5             | 8           | 15.0'   |              |      |                     |          |             |            |                 |
|            |          | 4                |      |                 |             | Brn. SAND, V.F., and Some Silt (SM)                             |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F, Some Silt (SM)                                    |              |      |                     |          |             |            |                 |
| 5          | W        | 11               | 14   | 1.5             | 31          | 20.5'   |              |      |                     |          |             |            |                 |
|            |          | 17               |      |                 |             | Brn.-Gray SAND, F-V.F., Silt (SP-SM)                            |              |      |                     |          |             |            |                 |
| 6          | W        | 5                | 6    | 1.5             | 16          | 25.5'   |              |      |                     |          |             |            |                 |
|            |          | 10               |      |                 |             | Brn. SAND, Mottled, Laminated, W/Gray Silt and Red Clay (SP,CL) |              |      |                     |          |             |            |                 |
| 7          | W        | 5                | 5    | 1.5             | 11          |   |              |      |                     |          |             |            |                 |
|            |          | 6                |      |                 |             |   |              |      |                     |          |             |            |                 |
| 8          | TWT      |                  |      | 20              |             | TWT   |              |      |                     |          |             |            |                 |
| 9          | D        | 100/             | 1.2  | 1.1             | 100         | 34.5'   |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Reddish-Brn. CLAY and Some Silt, Laminated                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | (CL,ML)   |              |      |                     |          |             |            |                 |
| 10         | D        | 100              | 1.5  | 1.4             | 100         | 41.0'   |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F. (SP)  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. 41.5'  |              |      |                     |          |             |            |                 |

SCHOFIELD, WISCONSIN

FOR Foth &amp; Van Dyke

Adams County Landfill

Job No. 875

LOCATION Adams County - Jensen Property Elev. 973.12

Boring No. B-13

GROUND While drilling

Time after drilling

 $\frac{1}{2}$  hr.

Start 6-10-86

WATER Before casing removal

Depth to water

None

Unit Bomb

After casing removal

Depth to cave-in

27.2'

Chief R. T.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS      | Casing/Probe<br>Weight<br>Drop | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------------------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 0/12 |                 |             |  |                                |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, F., Trace Silt (SP)               |                                |                     |          |             |            | HSA             |
| 1          | M/W      | 33               | 23   | 1.5             |             |  |                                |                     |          |             |            |                 |
|            |          | 13               |      |                 | 36          |  |                                |                     |          |             |            |                 |
| 2          | M/W      | 7                | 5    | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 6                |      |                 | 13          |  |                                |                     |          |             |            |                 |
| 3          | M/W      | 4                | 5    | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 6                |      |                 | 11          |  |                                |                     |          |             |            |                 |
| 4          | M/W      | 4                | 5    | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 5                |      |                 | 10          |  |                                |                     |          |             |            |                 |
| 5          | M        | 4                | 5    | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 8                |      |                 | 13          |  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 20.5'  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Rd-Brn. SAND, V.F., & Some Silt (SM)         |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 23.0'  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, V.F.-F., Trace Silt (SP)          |                                |                     |          |             |            |                 |
| 6          | M        | 13               | 20   | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 24               |      |                 | 44          |  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 28.0'  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. Sandy SILT, F-V.F. (ML)                 |                                |                     |          |             |            |                 |
| 7          | M        | 17               | 13   | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 17               |      |                 | 30          |  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 34.0'  |                                |                     |          |             |            |                 |
| 8          | M        | 16               | 38   |                 |             |  |                                |                     |          |             |            |                 |
|            |          | 12               |      | 1.4             | 50          |  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 36.0'  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F., Laminated W/Brn. Clay (SP,CL) |                                |                     |          |             |            |                 |
| 9          | W        | 15               | 32   |                 |             |  |                                |                     |          |             |            |                 |
|            |          | 10               |      | 1.4             | 42          |  |                                |                     |          |             |            |                 |
| 10         | W        | 12               | 17   | 1.4             |             |  |                                |                     |          |             |            |                 |
|            |          | 22               |      |                 | 39          |  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 45.0'  |                                |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. 45.0'                                 |                                |                     |          |             |            |                 |

SCHOFIELD, WISCONSIN

FOR Roth & Van Dyke Adams County LandfillJob No. 875LOCATION Adams County, Jensen Property Elev. 972.62Boring No. B-14

|        |                       |              |                     |              |   |
|--------|-----------------------|--------------|---------------------|--------------|---|
| GROUND | While drilling        | <u>36.0'</u> | Time after drilling | <u>1 hr.</u> | Start <u>6-11-86</u><br>Unit <u>Bomb</u><br>Chief <u>T.K.</u> |
| WATER  | Before casing removal |              | Depth to water      | <u>None</u>  |   |
|        | After casing removal  |              | Depth to cave-in    | <u>28.0'</u> |   |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe Weight<br>Drop | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|-----------------------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   |                             |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, F-V.F., Uniform (SP)         |                             |                     |          |             |            | HSA             |
| 1          | D        | 3                | 4    | 1.4             | 9           |   |                             |                     |          |             |            |                 |
| 2          | D        | 4                | 4    | 1.4             | 10          |   |                             |                     |          |             |            |                 |
| 3          | D        | 7                | 13   | 1.4             | 22          |   |                             |                     |          |             |            |                 |
| 4          | D        | 10               | 8    | 1.4             | 22          |   |                             |                     |          |             |            |                 |
| 5          | M        | 27               | 35   | 1.4             | 70          | Brn. Sandy SILT, F.-V.F. (ML)           |                             |                     |          |             |            |                 |
| 6          | M        | 26               | 21   | 1.4             | 37          | Some Sand Seams                         |                             |                     |          |             |            |                 |
| 7          | W        | 21               | 22   | 1.4             | 49          |   |                             |                     |          |             |            |                 |
| 8          | TWT      |                  |      |                 |             | No Recovery                             |                             |                     |          |             |            |                 |
| 9          | W        | 9                | 13   | 1.4             | 28          |   |                             |                     |          |             |            |                 |
|            |          | 15               |      |                 |             | E.O.B. 46.5'                            |                             |                     |          |             |            |                 |

# FIELD BORING LOG

**Sheet** 1 **Of** 1

**FOR** Roth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams Co. - Jensen Property **Elev.** 976.65

**Boring No.** B-15

|               |                       |       |                     |                   |   |
|---------------|-----------------------|-------|---------------------|-------------------|---|
| <u>GROUND</u> | While drilling        | 39.7' | Time after drilling | $\frac{1}{2}$ hr. | Start <u>6-10-86</u><br>Unit <u>Bomb</u><br>Chief <u>T.K.</u> |
| <u>WATER</u>  | Before casing removal |       | Depth to water      | None              |   |
|               | After casing removal  |       | Depth to cave-in    | 30.8'             |   |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS  | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |  | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
| 1          | D        | 7<br>14          | 12   | 13<br>26        |             | Brn. SAND, F-V.F., W/Trace Silt (SP)   | 140#         | 30"  |                     |          |             |            | HSA             |
| 2          | D        | 4<br>6           | 8    | 14<br>14        |             |  |              |      |                     |          |             |            |                 |
| 3          | D        | 4<br>5           | 4    | 14<br>9         |             |  |              |      |                     |          |             |            |                 |
| 4          | D        | 3<br>7           | 5    | 14<br>12        |             |  |              |      |                     |          |             |            |                 |
| 5          | D        | 3<br>6           | 3    | 14<br>9         |             |  |              |      |                     |          |             |            |                 |
| 6          | M        | 5<br>7           | 4    | 14<br>11        |             | 24.5' Brn. Silty SAND, F-V.F. (SM)<br>26.0' Brn. SAND, F-V.F., Uniform (SP)                    |              |      |                     |          |             |            |                 |
| 7          | D        | 100<br>1.2       | 1.1  | 100<br>100      |             | 34.0' Brn. Silty SAND, F., W/Some Clay, Occasional Sand Seams (SM)<br>38.5' Brn. SAND, F. (SP) |              |      |                     |          |             |            |                 |
| 8          | D        | 25<br>21         | 18   | 14<br>39        |             | 41.0' Red-Brn. & Gray CLAY, Mottled, Laminated, W/Silt and Sand Seams (CL, ML)                 |              |      |                     |          |             |            |                 |
| 9          | W        | 27<br>26         | 21   | 14<br>47        |             |  |              |      |                     |          |             |            |                 |
| 10         | W        | 11<br>21         | 13   | 1.3<br>34       |             | E.O.B. 46.5'   |              |      |                     |          |             |            |                 |



Page 1 of 2

|   |                                 |
|---|---------------------------------|
| I hereby certify that the information on this form is true and correct to the best of my knowledge.   |                                 |
| Signature<br><i>William Honea, Nicole Bader</i>   | Firm<br><b>AYRES ASSOCIATES</b> |
| This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent. |                                 |

# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-100 cont.

Page 2 of 2

| SAMPLE |                               | BLOW<br>COUNT | DEPTH<br>IN<br>FEET | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT | FIELD OBSERVATIONS |                |                 |                | SOIL PROPERTIES              |                     |                 |                  |       | RDQ/<br>comment |
|--------|-------------------------------|---------------|---------------------|---|--------------------|----------------|-----------------|----------------|------------------------------|---------------------|-----------------|------------------|-------|-----------------|
| NUMBER | LENGTH<br>RECOV-<br>ERED (IN) |               |                     |   | USCS               | GRAPHIC<br>LOG | WELL<br>DIAGRAM | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT | P-200 |                 |
| 6      | 24                            | 5             | -26                 | lean CLAY (CL) very thinly bedded with                              | CL                 |                |                 |                |                              | M                   |                 |                  |       | Lacustrine      |
| SS     | 24                            | 7             | -27                 | interbedded seams of SILT. CLAY; very stiff                         |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               | 9             | -27                 | brown (7.5 YR 4/4); moist. SILT; firm; brow                         |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -27                 | (7.5 YR 5/4); moist. (varved appearance)                            |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -28                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -28                 | End of boring @ 25 ft bgs (elevation 933.29')                       |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -29                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -29                 | last split spoon from 25-27 ft bgs                                  |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -30                 | (elevation 931.29')   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -31                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -32                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -33                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -34                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -35                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -36                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -37                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -38                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -39                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -40                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -41                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -42                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -43                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -44                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -45                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -46                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -47                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -48                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -49                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -50                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -51                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -52                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -53                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -54                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -55                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -56                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -57                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -58                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |
|        |                               |               | -59                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-100</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 100</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |  |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>~16'</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |  |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |  |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |  |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |  |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>25</u> Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |  |  |
|   |   | <b>(6) Sealing Materials</b> For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout<br><input checked="" type="checkbox"/> Chipped Bentonite |                                |             |   |           |                   |  |  |  |  |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>25</b> | <b>8.73 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

**(8) Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

|  |  |  |
|--|--|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b> |  |
|  |  |  |
|  |  |  |
|  |  |  |

Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 1

|  |                              |                       |  |  |  |   |              |                                |                      |                      |              |                  |       |              |
|--|------------------------------|-----------------------|--|--|--|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Facility/Project Name<br>Adams County Landfill   |                              |                       |  | License/Permit/Monitoring Number<br>3150   |  |   |              | Boring Number<br>B-101         |                      |                      |              |                  |       |              |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe Last Name: Black<br>Firm: PSI                                   |                              |                       |  | Date Drilling Started<br>11/23/2015 M/D/Y  |  | Date Drilling Completed<br>11/23/2015 M/D/Y   |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WT Unique Well No.<br>NA   |                              | DNR Well Id No.<br>NA |  | Well Name<br>NA  |  | Final Static Water Level<br>NA  |              | Surface Elevation<br>960.28    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin (estimated: ") or Boring Location "<br>State Plane 741393.213 N, 2010215.714 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                       |  | Lat. ____ ° ____ ' ____ "  |  | Local Grid Location (If applicable)<br>____ " N ____ " E<br>____ Feet " S ____ Feet " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560  |                              | County<br>Adams       |  | County Code<br>01  |  | Civil Town/City/or Village<br>Town of Strong's Prairie                                  |              |                                |                      |                      |              |                  |       |              |
| SAMPLE   |                              |                       |  | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT  |  |   |              |                                |                      |                      |              | SOIL PROPERTIES  |       |              |
| Number and Type  | Length Att. & Recovered (in) | Blow Counts           | Depth in Feet (Below ground surface)   | USCS   |  | Graphic Log   | Well Diagram | PID/FID                        | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| 1<br>SS  | 24<br>20                     | 2<br>3<br>4           | -1<br>-2<br>-3<br>-4<br>-5             | 6" Black sand w/organics (topsoil)<br>SAND with SILT (SM); med-dense;<br>brown (7.5YR 5/4); moist; fine SAND |  | OL<br>SM  |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 2<br>SS  | 24<br>20                     | 3<br>4<br>4<br>5      | -6<br>-7<br>-8<br>-9<br>-10            | 7.5 YR 5/6 mottling  |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 3<br>SS  | 24<br>22                     | 5<br>13<br>20<br>26   | -11<br>-12<br>-13<br>-14<br>-15        | no mottling  |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 4<br>SS  | 24<br>20                     | 13<br>14<br>18<br>16  | -16<br>-17<br>-18<br>-19               | reddish yellow (7.5 YR 6/6) mottling   |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 5<br>SS  | 24<br>18                     | 13<br>22<br>21<br>22  | -20<br>-21<br>-22<br>-23<br>-24<br>-25 | no mottling  |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       |  | End of boring 19 ft bgs (elevation 941.28')<br>groundwater not encountered                                   |  |   |              |                                |                      |                      |              |                  |       |              |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-101</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 101</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |  |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>NA</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |  |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |  |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |  |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |  |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>19</u> ) Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |  |  |
|   |   | <b>(6) Sealing Materials</b> For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout<br><input checked="" type="checkbox"/> Chipped Bentonite |                                |             |   |           |                   |  |  |  |  |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>19</b> | <b>6.63 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

(8) Comments: \_\_\_\_\_

|  |  |  |
|--|--|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b> |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Date Signed<br><b>11/23/2015</b><br>Telephone Number<br><b>262.522.4924</b>  |  |  |

Route to:

Watershed/Wastewater "

Waste Management "

Remediation/Redevelopment "

Other "

Page 1 of 2

|   |                              |                       |                                      |   |          |   |              |                                |                      |                      |              |                  |       |              |
|---|------------------------------|-----------------------|--------------------------------------|---|----------|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Facility/Project Name<br>Adams County Landfill  |                              |                       |                                      | License/Permit/Monitoring Number<br>3150  |          |   |              | Boring Number<br>B-102         |                      |                      |              |                  |       |              |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe Last Name: Black<br>Firm: PSI                                    |                              |                       |                                      | Date Drilling Completed<br>11/23/2015 M/D/Y   |          |   |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WT Unique Well No.<br>NA  |                              | DNR Well Id No.<br>NA |                                      | Well Name<br>NA   |          | Final Static Water Level<br>NA  |              | Surface Elevation<br>960.84    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin " (estimated: ") or Boring Location "<br>State Plane 741956.16 N, 2010443.666 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                       |                                      | Lat. ____ ° ____ ' ____ "<br>-----  |          | Local Grid Location (If applicable)<br>____ " N ____ " E<br>____ Feet ____ " S ____ Feet ____ " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560   |                              | County<br>Adams       |                                      | County Code<br>01   |          | Civil Town/City/or Village<br>Town of Strongs Prairie   |              |                                |                      |                      |              |                  |       |              |
| SAMPLE  |                              |                       |                                      | SOIL PROPERTIES   |          |   |              |                                |                      |                      |              |                  |       |              |
| Number and Type   | Length Att. & Recovered (in) | Blow Counts           | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT   | USCS     | Graphic Log   | Well Diagram | PID/FID                        | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| 1<br>SS   | 24<br>20                     | 2<br>2<br>2<br>4      | -1<br>-2<br>-3<br>-4<br>-5           | 8 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND | OL<br>SM |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 2<br>SS   | 24<br>20                     | 3<br>6<br>5<br>7      | -6<br>-7<br>-8<br>-9<br>-10          | Sand, fine  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 3<br>SS   | 24<br>22                     | 4<br>4<br>4<br>4      | -11<br>-12<br>-13<br>-14<br>-15      |   |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 4<br>SS   | 24<br>20                     | 7<br>9<br>12<br>7     | -16<br>-17<br>-18<br>-19<br>-20      | SANDY SILT (ML); hard; strong brown (7.5 YR 4/6); moist; fine SAND  | ML       |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 5<br>SS   | 24<br>24                     | 14<br>25<br>38<br>46  | -21<br>-22<br>-23<br>-24<br>-25      | SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet fine SAND  | SM       |   |              |                                |                      | M<br>W               |              |                  |       | Lacustrine   |
|   |                              | 3                     |                                      |   | CL       |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |

▼  
GW  
encountered  
@ 22' during  
drilling  
Elevation  
938.84'

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-102 cont.

Page 2 of 2

| SAMPLE  |                          | BLOW<br>COUNT | DEPTH<br>IN<br>FEET   | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT  | FIELD OBSERVATIONS |   |                 |                | SOIL PROPERTIES              |                     |                 |                  | RDQ/<br>comment |            |
|---------|--------------------------|---------------|---|--|--------------------|---|-----------------|----------------|------------------------------|---------------------|-----------------|------------------|-----------------|------------|
| NUMBER  | LENGTH<br>RECOVERED (IN) |               |   |  | USCS               | GRAPHIC<br>LOG  | WELL<br>DIAGRAM | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT |                 | P-200      |
| 6<br>SS | 24<br>24                 | 7<br>8<br>10  | -26<br>-<br>-27   | lean CLAY (CL) very thinly bedded with<br>interbedded seams of SILT. CLAY; very stiff,<br>brown (7.5 YR 4/4); moist. SILT; firm; brown<br>(7.5 YR 5/4); moist. (varved appearance) | CL                 |  |                 |                |                              | M                   |                 |                  |                 | Lacustrine |
| 7<br>ST | NA                       | NA            | -28<br>-<br>-29<br>-30<br>-31<br>-32<br>-33<br>-34<br>-35<br>-36<br>-37<br>-38<br>-39<br>-40<br>-41<br>-42<br>-43<br>-44<br>-45<br>-46<br>-47<br>-48<br>-49<br>-50<br>-51<br>-52<br>-53<br>-54<br>-55<br>-56<br>-57<br>-58<br>-59 | End of boring @ 27 ft bgs (elevation 933.84')<br>sampled with shelly tube @ 27-29 ft bgs   |                    |  |                 |                |                              | M                   |                 |                  |                 |            |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-102</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 102</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |  |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>~22'</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |  |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |  |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |  |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |  |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>27</u> Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |  |  |
|   |   | <b>(6) Sealing Materials</b> For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout<br><input checked="" type="checkbox"/> Chipped Bentonite |                                |             |   |           |                   |  |  |  |  |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>27</b> | <b>9.42 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

(8) Comments: \_\_\_\_\_

|  |  |  |
|--|--|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b> |  |
|  |  |  |
|  |  |  |
|  |  |  |



Route to:  
 Watershed/Wastewater      Waste Management      ..  
 Remediation/Redevelopment      Other      ..

Page 1 of 1

|  |                              |                       |                                      |  |          |   |              |                                |                      |                      |              |                  |       |              |
|--|------------------------------|-----------------------|--------------------------------------|--|----------|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Facility/Project Name<br>Adams County Landfill   |                              |                       |                                      | License/Permit/Monitoring Number<br>3150   |          |   |              | Boring Number<br>B-103         |                      |                      |              |                  |       |              |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe      Last Name: Black<br>Firm: PSI                              |                              |                       |                                      | Date Drilling Started<br>11/20/2015 M/D/Y  |          | Date Drilling Completed<br>11/20/2015 M/D/Y   |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WT Unique Well No.<br>NA   |                              | DNR Well Id No.<br>NA |                                      | Well Name<br>NA  |          | Final Static Water Level<br>NA  |              | Surface Elevation<br>959.52    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin (estimated: ") or Boring Location "<br>State Plane 741393.227 N, 2010441.101 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                       |                                      | Lat. ____ ° ____ ' ____ "  |          | Local Grid Location (If applicable)<br>____ " N      ____ " E<br>____ Feet      ____ " S      ____ Feet      ____ " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560  |                              | County<br>Adams       |                                      | County Code<br>01  |          | Civil Town/City/or Village<br>Town of Strongs Prairie   |              |                                |                      |                      |              |                  |       |              |
| SAMPLE   |                              |                       |                                      | SOIL PROPERTIES  |          |   |              |                                |                      |                      |              |                  |       |              |
| Number and Type  | Length Att. & Recovered (in) | Blow Counts           | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT  | USCS     | Graphic Log   | Well Diagram | PID/FID                        | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| 1<br>SS  | 24<br>18                     | 1<br>2<br>2<br>2      | -1<br>-2<br>-3<br>-4<br>-5           | 6 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND      | OL<br>SM |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 2<br>SS  | 24<br>20                     | 3<br>3<br>3<br>3      | -6<br>-7<br>-8<br>-9<br>-10          |  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 3<br>SS  | 24<br>20                     | 3<br>5<br>7<br>8      | -11<br>-12<br>-13<br>-14<br>-15      | med-dense; brown (7.5 YR 5/4)  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 4<br>SS  | 24<br>20                     | 3<br>6<br>12<br>18    | -16<br>-17<br>-18<br>-19<br>-20      | CLAYEY SILT (ML); firm; brown (7.5 YR 5/4); moist  | ML       |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 5<br>SS  | 24<br>18                     | 13<br>22<br>32<br>53  | -21<br>-22<br>-23<br>-24<br>-25      | SAND with SILT (SM); very dense; brown (7.5 YR 5/4); wet; fine SAND<br>End of boring 22 ft bgs (elevation 937.52') | SM       |   |              |                                |                      | W                    |              |                  |       | Lacustrine   |

▼  
 GW  
 encountered  
 @ 21' during  
 drilling  
 Elevation  
 938.52'

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-103</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 103</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |  |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>~21'</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |  |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |  |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |  |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |  |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>22</u> Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |  |  |
|   |   | <b>(6) Sealing Materials</b> For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout<br><input checked="" type="checkbox"/> Chipped Bentonite |                                |             |   |           |                   |  |  |  |  |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>22</b> | <b>7.68 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

(8) Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

|  |   |  |
|--|---|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b>  |  |
|  | Date Signed<br><b>11/23/2015</b>        |  |
|  | Telephone Number<br><b>262.522.4924</b> |  |
|  |   |  |

Route to:  
Watershed/Wastewater      Waste Management      Remediation/Redevelopment      Other

Page 1 of 1

|  |                              |                       |                                      |   |  |   |              |                                |                      |                      |              |                  |       |              |
|--|------------------------------|-----------------------|--------------------------------------|---|--|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Facility/Project Name<br>Adams County Landfill   |                              |                       |                                      | License/Permit/Monitoring Number<br>3150  |  |   |              | Boring Number<br>B-104         |                      |                      |              |                  |       |              |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe Last Name: Black<br>Firm: PSI                               |                              |                       |                                      | Date Drilling Started<br>11/23/2015 M/D/Y   |  | Date Drilling Completed<br>11/23/2015 M/D/Y   |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WT Unique Well No.<br>NA   |                              | DNR Well Id No.<br>NA |                                      | Well Name<br>NA   |  | Final Static Water Level<br>NA  |              | Surface Elevation<br>967.04    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin (estimated: ) or Boring Location<br>State Plane 741125.59 N, 2010482.527 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                       |                                      | Lat. ____ ° ____ ' ____ "   |  | Local Grid Location (If applicable)<br>____ " N ____ " E<br>____ Feet " S ____ Feet " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560  |                              | County<br>Adams       |                                      | County Code<br>01   |  | Civil Town/City/or Village<br>Town of Strong's Prairie                                  |              |                                |                      |                      |              |                  |       |              |
| SAMPLE   |                              |                       |                                      | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT   |  |   |              |                                |                      |                      |              | SOIL PROPERTIES  |       |              |
| Number and Type  | Length Att. & Recovered (in) | Blow Counts           | Depth in Feet (Below ground surface) | USCS  |  | Graphic Log   | Well Diagram | PID/FID                        | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| 1<br>SS  | 24<br>18                     | 3<br>2<br>2<br>1      | -1<br>-2<br>-3<br>-4<br>-5           | 6 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND |  | OL<br>SM  |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 2<br>SS  | 24<br>20                     | 3<br>3<br>5<br>6      | -6<br>-7<br>-8<br>-9<br>-10          | med-dense; brown (7.5 YR 5/4)   |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 3<br>SS  | 24<br>20                     | 5<br>6<br>6<br>8      | -11<br>-12<br>-13<br>-14<br>-15      | reddish yellow (7.5 YR 6/6)   |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 4<br>SS  | 24<br>20                     | 2<br>4<br>5<br>11     | -16<br>-17<br>-18<br>-19<br>-20      |   |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 5<br>SS  | 24<br>18                     | 8<br>11<br>11<br>15   | -21<br>-22<br>-23<br>-24<br>-25      | brown (7.5 YR 5/4)  |  |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       |                                      | End of boring 22 ft bgs (elevation 945.04')<br>groundwater not encountered                                    |  |   |              |                                |                      |                      |              |                  |       |              |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                          |
|---|--------------------------|
| Signature<br><i>William Honea, Nicole Bader</i> | Firm<br>AYRES ASSOCIATES |
|---|--------------------------|

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

| (1) GENERAL INFORMATION   |                        | (2) FACILITY NAME  |                    |
|---|------------------------|--|--------------------|
| Well/Drillhole/Borehole Location<br><b>B-104</b>  | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E  |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br><div style="display: flex; justify-content: space-between;"><span>Gov't Lot</span><span>Grid Number</span></div> |                        | Street or Route  |                    |
| Grid Location<br><div style="display: flex; justify-content: space-between;"><span>ft. N. S.</span><span>ft. E. W.</span></div>     |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>  |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 104</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>  |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>  |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |   |  |   |
|---|---|---|---|--|---|
| <p>(3) Original Well/Drillhole/Borehole Construction Completed On:</p> <p>(Date) <u>11/23/2015</u></p> <table style="width: 100%; border: none;"> <tr> <td style="border-right: 1px solid black; padding: 2px;"> <div style="display: flex; justify-content: space-between;"> <div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Monitoring Well</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Water Table</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Drillhole</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Borehole</div> </div> <div> <div style="margin-bottom: 2px;">Construction Report Available?</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div> <div style="margin-bottom: 2px;">(Soil Boring Log)</div> </div> </div> </td> <td style="padding: 2px;"> <div style="margin-bottom: 2px;">Construction Type:</div> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> Drilled</div> <div><input type="checkbox"/> Driven (Sandpoint)</div> <div><input type="checkbox"/> Dug</div> </div> <div style="margin-bottom: 2px;">Other (Specify) <b>Hollow stem auger</b></div> </td> </tr> </table> <p style="margin-top: 10px;">Formation Type:</p> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> Unconsolidated Formation</div> <div><input type="checkbox"/> Bedrock</div> </div> <p style="margin-top: 10px;">Total Well Depth (ft. <u>22</u>)<br/>(From Groundsurface)</p> <p style="margin-top: 10px;">Casing Depth (ft.) <u>n/a</u></p> <p style="margin-top: 10px;">Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br/>If Yes, To What Depth? _____ Feet</p> | <div style="display: flex; justify-content: space-between;"> <div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Monitoring Well</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Water Table</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Drillhole</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Borehole</div> </div> <div> <div style="margin-bottom: 2px;">Construction Report Available?</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div> <div style="margin-bottom: 2px;">(Soil Boring Log)</div> </div> </div> | <div style="margin-bottom: 2px;">Construction Type:</div> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> Drilled</div> <div><input type="checkbox"/> Driven (Sandpoint)</div> <div><input type="checkbox"/> Dug</div> </div> <div style="margin-bottom: 2px;">Other (Specify) <b>Hollow stem auger</b></div> | <p>(4) Depth to Water (feet) <u>NA</u></p> <p style="margin-top: 10px;">Pumping &amp; Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">If No, Explain: _____</p> <p style="margin-top: 10px;">Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable</p> <p style="margin-top: 2px;">If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable</p> <p style="margin-top: 10px;">(5) Required Method of Placing Sealing Material</p> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> Conductor Pipe-Gravity</div> <div><input type="checkbox"/> Conductor Pipe-Pumped</div> </div> <div style="display: flex; justify-content: space-between;"> <div>_____ Dump Bailer</div> <div>_____ Other (Explain)</div> </div> <p style="margin-top: 10px;">(6) Sealing Materials</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;"> <input type="checkbox"/> Neat Cement Grout<br/> <input type="checkbox"/> Sand-Cement (Concrete) Grout<br/> <input type="checkbox"/> Concrete<br/> <input type="checkbox"/> Clay-Sand Slurry<br/> <input type="checkbox"/> Bentonite-Sand Slurry<br/> <input checked="" type="checkbox"/> Chipped Bentonite         </td> <td style="width: 40%; vertical-align: top;">           For monitoring wells and monitoring well boreholes only<br/><br/> <input type="checkbox"/> Bentonite Pellets<br/> <input type="checkbox"/> Granular Bentonite<br/> <input type="checkbox"/> Bentonite - Cement Grout         </td> </tr> </table> | <input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete<br><input type="checkbox"/> Clay-Sand Slurry<br><input type="checkbox"/> Bentonite-Sand Slurry<br><input checked="" type="checkbox"/> Chipped Bentonite | For monitoring wells and monitoring well boreholes only<br><br><input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite - Cement Grout |
| <div style="display: flex; justify-content: space-between;"> <div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Monitoring Well</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Water Table</div> <div style="margin-bottom: 2px;"><input type="checkbox"/> Drillhole</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Borehole</div> </div> <div> <div style="margin-bottom: 2px;">Construction Report Available?</div> <div style="margin-bottom: 2px;"><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</div> <div style="margin-bottom: 2px;">(Soil Boring Log)</div> </div> </div>   | <div style="margin-bottom: 2px;">Construction Type:</div> <div style="display: flex; justify-content: space-between;"> <div><input checked="" type="checkbox"/> Drilled</div> <div><input type="checkbox"/> Driven (Sandpoint)</div> <div><input type="checkbox"/> Dug</div> </div> <div style="margin-bottom: 2px;">Other (Specify) <b>Hollow stem auger</b></div>   |   |   |  |   |
| <input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete<br><input type="checkbox"/> Clay-Sand Slurry<br><input type="checkbox"/> Bentonite-Sand Slurry<br><input checked="" type="checkbox"/> Chipped Bentonite  | For monitoring wells and monitoring well boreholes only<br><br><input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite - Cement Grout   |   |   |  |   |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>22</b> | <b>7.68 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

(8) Comments: \_\_\_\_\_

\_\_\_\_\_

|  |   |                                  |   |   |  |  |  |
|--|---|----------------------------------|---|---|--|--|--|
| <p>(9) Name of Person or Firm Doing Sealing Work<br/><b>Ayres Associates</b></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%; border-bottom: 1px solid black;">           Signature of Person Doing Work<br/> <b>William Honea</b> for <b>PSI</b> </td> <td style="width: 40%; border-bottom: 1px solid black;">           Date Signed<br/> <b>11/23/2015</b> </td> </tr> <tr> <td style="border-bottom: 1px solid black;">           Street or Route<br/> <b>N17 W24222 Riverwood Drive, Suite 310</b> </td> <td style="border-bottom: 1px solid black;">           Telephone Number<br/> <b>262.522.4924</b> </td> </tr> <tr> <td colspan="2" style="border-bottom: 1px solid black;">           City, State, Zip Code<br/> <b>Waukesha, WI 53188</b> </td> </tr> </table> | Signature of Person Doing Work<br><b>William Honea</b> for <b>PSI</b> | Date Signed<br><b>11/23/2015</b> | Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b> | Telephone Number<br><b>262.522.4924</b> | City, State, Zip Code<br><b>Waukesha, WI 53188</b> |  | <p>(10) <b>FOR DNR OR COUNTY USE ONLY</b></p> <div style="background-color: #cccccc; height: 100px; width: 100%;"></div> |
| Signature of Person Doing Work<br><b>William Honea</b> for <b>PSI</b>  | Date Signed<br><b>11/23/2015</b>                                      |                                  |   |   |  |  |  |
| Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b>  | Telephone Number<br><b>262.522.4924</b>                               |                                  |   |   |  |  |  |
| City, State, Zip Code<br><b>Waukesha, WI 53188</b>   |   |                                  |   |   |  |  |  |

Route to:  
Watershed/Wastewater      Waste Management        
Remediation/Redevelopment      Other     Page 1 of 2

|   |  |  |  |  |   |  |
|---|--|--|--|--|---|--|
| Facility/Project Name<br>Adams County Landfill  |  |  | License/Permit/Monitoring Number<br>3150   |  | Boring Number<br>B-105  |  |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe      Last Name: Black<br>Firm: PSI |  |  | Date Drilling Started<br>11/20/2015      M/D/Y   |  | Date Drilling Completed<br>11/20/2015      M/D/Y                    |  |
| Drilling Method<br>4 1/2 " HSA  |  |  | Final Static Water Level<br>NA   |  | Surface Elevation<br>970.92   |  |
| Borehole Dia.<br>8 "  |  |  | Local Grid Origin (estimated: ") or Boring Location<br>State Plane 741954.001 N, 2010654.202 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |  | Local Grid Location (If applicable)<br>" N      " E<br>" S      " W |  |
| Lat.      "      '      "   |  |  | Long.      "      '      "   |  | Feet      "      Feet      "      W                                 |  |
| Facility Id.<br>701040560   |  |  | County<br>Adams  |  | County Code<br>01   |  |
| Civil Town/City/or Village<br>Town of Strong's Prairie  |  |  |  |  |   |  |

| SAMPLE             |                                 |                    |  | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT  | USCS     | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES         |                     |              |                  |       | RQD/Comments |
|--------------------|---------------------------------|--------------------|--|--|----------|-------------|--------------|---------|-------------------------|---------------------|--------------|------------------|-------|--------------|
| Number and<br>Type | Length Att. &<br>Recovered (in) | Blow Counts        | Depth in Feet<br>(Below ground<br>surface) |  |          |             |              |         | Compressive<br>Strength | Moisture<br>Content | Liquid Limit | Plasticity Index | P 200 |              |
| 1<br>SS            | 24<br>18                        | 1<br>1<br>1<br>2   | -1<br>-1<br>-1<br>-2                       | 6 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong<br>brown (7.5YR 5/6); moist; fine to medium SAND | OL<br>SM |             |              |         |                         | M                   |              |                  |       | Lacustrine   |
|                    |                                 |                    | -3<br>-4<br>-5                             |  |          |             |              |         |                         |                     |              |                  |       |              |
| 2<br>SS            | 24<br>18                        | 4<br>6<br>6<br>8   | -6<br>-6<br>-6<br>-7                       | light brown (7.5 YR 6/4)   |          |             |              |         |                         | M                   |              |                  |       | Lacustrine   |
|                    |                                 |                    | -8<br>-9<br>-10                            |  |          |             |              |         |                         |                     |              |                  |       |              |
| 3<br>SS            | 24<br>20                        | 4<br>4<br>4<br>7   | -11<br>-11<br>-11<br>-12                   |  |          |             |              |         |                         | M                   |              |                  |       | Lacustrine   |
|                    |                                 |                    | -13<br>-14<br>-15                          |  |          |             |              |         |                         |                     |              |                  |       |              |
| 4<br>SS            | 24<br>20                        | 7<br>9<br>11<br>16 | -16<br>-16<br>-16<br>-17                   |  |          |             |              |         |                         | M                   |              |                  |       | Lacustrine   |
|                    |                                 |                    | -18<br>-19<br>-20                          |  |          |             |              |         |                         |                     |              |                  |       |              |
| 5<br>SS            | 24<br>20                        | 7<br>9<br>10<br>9  | -21<br>-21<br>-21<br>-22                   | medium SAND; (varved appearance)   |          |             |              |         |                         | M                   |              |                  |       | Lacustrine   |
|                    |                                 |                    | -23<br>-24<br>-25                          |  |          |             |              |         |                         |                     |              |                  |       |              |
|                    |                                 | 13                 | -  |  |          |             |              |         |                         | M                   |              |                  |       | Lacustrine   |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                          |
|---|--------------------------|
| Signature<br><i>William Honea, Nicole Bader</i> | Firm<br>AYRES ASSOCIATES |
|---|--------------------------|

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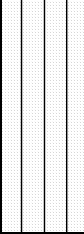


# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

B-105 cont.

Page 2 of 2

| SAMPLE  |                          | BLOW<br>COUNT        | DEPTH<br>IN<br>FEET  | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT   | FIELD OBSERVATIONS |   |  |                | SOIL PROPERTIES              |                     |                 |                  |       | RDQ/<br>comment |            |
|---------|--------------------------|----------------------|--|---|--------------------|---|--|----------------|------------------------------|---------------------|-----------------|------------------|-------|-----------------|------------|
| NUMBER  | LENGTH<br>RECOVERED (IN) |                      |  |   | USCS               | GRAPHIC<br>LOG  | WELL<br>DIAGRAM  | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT | P-200 |                 |            |
| 6<br>SS | 24<br>24                 | 15<br>17<br>15       | -26<br>-27<br>-28<br>-29<br>-30  | CLAY with trace SILT; stiff; brown<br>(7.5 YR 4/4); (varved appearance)   | CL                 |  |  |                |                              |                     | M               |                  |       |                 | Lacustrine |
| 7<br>SS | 24<br>24                 | 13<br>18<br>19<br>18 | -31<br>-32<br>-33<br>-34<br>-35  | SAND with SILT (SM); dense; brown<br>(7.5 YR 5/4); moist; fine to medium SAND   | SM                 |  | <br>GW<br>encountered<br>@ 32' during<br>drilling<br>Elevation<br>938.92' |                |                              |                     | W               |                  |       |                 | Lacustrine |
| 8<br>ST | 24<br>24                 | 10<br>4<br>6<br>9    | -36<br>-37<br>-38<br>-39<br>-40<br>-41<br>-42<br>-43<br>-44<br>-45<br>-46<br>-47<br>-48<br>-49<br>-50<br>-51<br>-52<br>-53<br>-54<br>-55<br>-56<br>-57<br>-58<br>-59 | lean CLAY (CL) very thinly bedded with<br>interbedded seams of SILT. CLAY;<br>very stiff, brown (7.5YR 4/4); moist.<br>SILT; brown (7.5YR 5/4); moist.<br>(varved appearance) | CL                 |  |  |                |                              |                     | M               |                  |       |                 | Lacustrine |
|         |                          |                      |  | End of boring @ 37 ft bgs (elevation 933.92')<br>Offset and collected shelly tube @ 35-37'  |                    |   |  |                |                              |                     |                 |                  |       |                 |            |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                                 |
|---|---------------------------------|
| Signature<br><i>William Honea, Nicole Bader</i> | Firm<br><b>AYRES ASSOCIATES</b> |
|---|---------------------------------|

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-105</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 105</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |   |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|---|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>~32</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |   |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |   |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |   |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |   |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>37</u> Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |   |  |
|   |   | <b>(6) Sealing Materials</b> For monitoring wells and monitoring well boreholes only<br><input type="checkbox"/> Neat Cement Grout<br><input type="checkbox"/> Sand-Cement (Concrete) Grout<br><input type="checkbox"/> Concrete <input type="checkbox"/> Bentonite Pellets<br><input type="checkbox"/> Clay-Sand Slurry <input type="checkbox"/> Granular Bentonite<br><input type="checkbox"/> Bentonite-Sand Slurry <input type="checkbox"/> Bentonite - Cement Grout<br><input checked="" type="checkbox"/> Chipped Bentonite |                                |             |   |           |                   |  |  |   |  |

| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>37</b> | <b>12.91 ft<sup>3</sup></b>        |                         |
|                           |            |           |                                    |                         |
|                           |            |           |                                    |                         |
|                           |            |           |                                    |                         |

**(8) Comments:** \_\_\_\_\_

|  |  |
|--|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b> |
|  |  |
|  |  |
|  |  |

Route to:  
Watershed/Wastewater      Waste Management        
Remediation/Redevelopment      Other     

Page 1 of 1

| Facility/Project Name<br>Adams County Landfill   |                              |                       |                                      | License/Permit/Monitoring Number<br>3150   |          |   |              | Boring Number<br>B-106         |                      |                      |              |                  |       |              |
|--|------------------------------|-----------------------|--------------------------------------|--|----------|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe Last Name: Black<br>Firm: PSI                                   |                              |                       |                                      | Date Drilling Started<br>11/20/2015 M/D/Y  |          | Date Drilling Completed<br>11/20/2015 M/D/Y   |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WI Unique Well No.<br>NA   |                              | DNR Well Id No.<br>NA |                                      | Well Name<br>NA  |          | Final Static Water Level<br>NA  |              | Surface Elevation<br>962.82    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin (estimated: ") or Boring Location "<br>State Plane 741392.204 N, 2010654.573 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                       |                                      | Lat. ____ ° ____ ' ____ "<br>-----   |          | Local Grid Location (If applicable)<br>____ " N ____ " E<br>____ Feet " S ____ Feet " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560  |                              | County<br>Adams       |                                      | County Code<br>01  |          | Civil Town/City/or Village<br>Town of Strong's Prairie                                  |              |                                |                      |                      |              |                  |       |              |
| SAMPLE   |                              |                       | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT  | USCS     | Graphic Log   | Well Diagram | PID/FID                        | SOIL PROPERTIES      |                      |              |                  |       | RQD/Comments |
| Number and Type  | Length Att. & Recovered (in) | Blow Counts           |                                      |  |          |   |              |                                | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P-200 |              |
| 1<br>SS  | 24<br>20                     | 2<br>1<br>2<br>2      | -1<br>-2                             | 6 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND                          | OL<br>SM |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       | -3<br>-4<br>-5                       | fine SAND  |          |   |              |                                |                      |                      |              |                  |       |              |
| 2<br>SS  | 24<br>24                     | 3<br>3<br>5<br>5      | -6<br>-7                             |  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       | -8<br>-9<br>-10                      |  |          |   |              |                                |                      |                      |              |                  |       |              |
| 3<br>SS  | 24<br>20                     | 3<br>3<br>4<br>4      | -11<br>-12                           |  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       | -13<br>-14<br>-15                    |  |          |   |              |                                |                      |                      |              |                  |       |              |
| 4<br>SS  | 24<br>24                     | 5<br>9<br>11<br>11    | -16<br>-17                           |  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       | -18<br>-19<br>-20                    |  |          |   |              |                                |                      |                      |              |                  |       |              |
| 5<br>SS  | 24<br>20                     | 8<br>5<br>7<br>8      | -21<br>-22                           | SILTY CLAY (CL/ML); stiff; brown (7.5 YR 5/4); moist<br>Sampled with shelly tube from 22-24' but did not get recovery from the clay unit | CL/ML    |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 6<br>ST  | 24<br>24                     | NA                    | -23<br>-24                           | End of boring @ 22 ft bgs (elevation 940.82')<br>SAND with SILT (SM); dense; brown (7.5 YR 5/4); moist                                   | SM       |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
|  |                              |                       | -25                                  | ground water not encountered   |          |   |              |                                |                      |                      |              |                  |       |              |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                                 |
|---|---------------------------------|
| Signature<br><b>William Honea, Nicole Bader</b> | Firm<br><b>AYRES ASSOCIATES</b> |
|---|---------------------------------|

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.



All abandonment work shall be performed in accordance with the provisions of Chapters NR 111, NR 112 or NR 141, WI Admin. Code, whichever is applicable.

|  |                        |  |                    |
|--|------------------------|--|--------------------|
| <b>(1) GENERAL INFORMATION</b>                       |                        | <b>(2) FACILITY NAME</b>   |                    |
| Well/Drillhole/Borehole Location<br><b>B-106</b>     | County<br><b>Adams</b> | Original Well Owner (If Known)                                   |                    |
| SE 1/4, NE 1/4, Sec. 13 T18N, R05E                   |                        | Present Well Owner<br><b>Adams County Solid Waste Department</b> |                    |
| (If Applicable)<br>Gov't Lot _____ Grid Number _____ |                        | Street or Route  |                    |
| Grid Location<br>ft. N. S. ft. E. W.                 |                        | City, State, Zip Code<br><b>Friendship, WI 53934</b>             |                    |
| Civil Town Name<br><b>Strong's Prairie</b>           |                        | Facility Well No. and/or Name (If Applicable)<br><b>B- 106</b>   | WI Unique Well No. |
| Street Address of Well<br><b>1420 State Hwy 21</b>   |                        | Reason for Abandonment:<br><b>Sampling completed</b>             |                    |
| City, Village<br><b>Friendship</b>                   |                        | Date of Abandonment<br><b>November 23, 2015</b>                  |                    |

**WELL/DRILLHOLE/BOREHOLE INFORMATION**

|   |   |   |                                |             |   |           |                   |  |  |  |  |
|---|---|---|--------------------------------|-------------|---|-----------|-------------------|--|--|--|--|
| <b>(3) Original Well/Drillhole/Borehole Construction Completed On:</b><br><br>(Date) <u>11/23/2015</u><br><br><table border="0"> <tr> <td>Monitoring Well</td> <td>Construction Report Available?</td> </tr> <tr> <td>Water Table</td> <td><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</td> </tr> <tr> <td>Drillhole</td> <td>(Soil Boring Log)</td> </tr> <tr> <td><input checked="" type="checkbox"/> Borehole</td> <td></td> </tr> </table><br>Construction Type:<br><input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven (Sandpoint) <input type="checkbox"/> Dug<br><input type="checkbox"/> Other (Specify) <b>Hollow stem auger</b> |   | Monitoring Well   | Construction Report Available? | Water Table | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | Drillhole | (Soil Boring Log) | <input checked="" type="checkbox"/> Borehole |  | <b>(4) Depth to Water (feet)</b> <u>NA</u><br><br>Pumping & Piping Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Liner(s) Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Screen Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Casing Left in Place? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>If No, Explain: _____<br><br>Was casing Cut Off Below Surface? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable<br>Did Sealing Material Rise to Surface? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>Did Material Settle After 24 Hours? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Applicable<br>If Yes, Was Hole Retopped? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable |  |
| Monitoring Well   | Construction Report Available?                                      |   |                                |             |   |           |                   |  |  |  |  |
| Water Table   | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |   |                                |             |   |           |                   |  |  |  |  |
| Drillhole   | (Soil Boring Log)   |   |                                |             |   |           |                   |  |  |  |  |
| <input checked="" type="checkbox"/> Borehole  |   |   |                                |             |   |           |                   |  |  |  |  |
| Formation Type:<br><input checked="" type="checkbox"/> Unconsolidated Formation <input type="checkbox"/> Bedrock<br><br>Total Well Depth (ft. <u>22</u> Casing Diameter (in.) _____<br>(From Groundsurface)<br><br>Casing Depth (ft.) <u>n/a</u><br><br>Was Well Annular Space Grouted? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown<br>If Yes, To What Depth? _____ Feet   |   | <b>(5) Required Method of Placing Sealing Material</b><br><input checked="" type="checkbox"/> Conductor Pipe-Gravity <input type="checkbox"/> Conductor Pipe-Pumped<br><input type="checkbox"/> Dump Bailer <input type="checkbox"/> Other (Explain) _____  |                                |             |   |           |                   |  |  |  |  |
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| (7) Sealing Material Used | From (ft.) | To (ft.)  | No. Yards, Sacks<br>Sealant or Volume | Mix Ratio or Mud Weight |
|---------------------------|------------|-----------|---------------------------------------|-------------------------|
| <b>Chipped Bentonite</b>  | <b>0</b>   | <b>22</b> | <b>7.68 ft<sup>3</sup></b>            |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |
|                           |            |           |                                       |                         |

**(8) Comments:** \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

|  |   |  |
|--|---|--|
| <b>(9) Name of Person or Firm Doing Sealing Work</b><br><b>Ayres Associates</b><br>Signature of Person Doing Work<br><i>William Honea</i> for PSI<br>Street or Route<br><b>N17 W24222 Riverwood Drive, Suite 310</b><br>City, State, Zip Code<br><b>Waukesha, WI 53188</b> | <b>(10) FOR DNR OR COUNTY USE ONLY</b>  |  |
|  | Date Signed<br><b>11/23/2015</b>        |  |
|  | Telephone Number<br><b>262.522.4924</b> |  |
|  |   |  |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS    | Casing/Probe | Unconfined Strength | Boulders | Blows on    |            |  | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|---------------------|----------|-------------|------------|--|-----------------|
|            |          | 0/6              | 6/12 |                 |             |  | Weight       |                     |          | Casing Size | Probe Size |  |                 |
|            |          |                  |      |                 |             | TOPSOIL                                    | Drop 30"     |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 0.3'                                       |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | SAND, LT. BRN, C-F, TRC. SILT              |              |                     |          |             |            |  | HSA             |
|            |          |                  |      |                 |             | (SP)                                       |              |                     |          |             |            |  |                 |
| 1          | M        | 4                | 4    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 5                |      | 10              | 9           |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 8.0'                                       |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | SAND, LT. BRN, M-F                         |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | (SP)                                       |              |                     |          |             |            |  |                 |
| 2          | D        | 4                | 5    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 5                |      | 12              | 10          |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
| 3          | D        | 5                | 6    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 5                |      | 10              | 11          |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 19.0'                                      |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | SAND, LT. BRN, M-F, TRC. SILT              |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | (SP)                                       |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 24.0'                                      |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | CLAY, RD BRN, W/SILT, W/OCCASS. SAND SEAMS |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 2-3" THICK                                 |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | (CL)                                       |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
| 6          | W        | 4                | 5    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 6                |      | 1.5             | 11          |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | 31.0'                                      |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | SAND, LT. BRN, M-F, TRC. SILT              |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | (SP)                                       |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
| 7          | W        | 4                | 6    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 5                |      | 1.5             | 11          |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
| 8          | W        | 5                | 6    |                 |             |  |              |                     |          |             |            |  |                 |
|            |          | 6                |      | 1.2             | 12          |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | E.O.B. @ 41.5'                             |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             | WELL @ 40.0'                               |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
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|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
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|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
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|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      |                 |             |  |              |                     |          |             |            |  |                 |
|            |          |                  |      | </              |             |  |              |                     |          |             |            |  |                 |

B-1

Boring No. MW-1P

Chief LE

B-2

Sheet 1 Of 1

**FOR** Foth & Van Dyke Adams County Landfill

**LOCATION** \_\_\_\_\_ Adams County, WI

Elev. 963.80

Boring No. MW-2

20.0'

Time after drilling  $\frac{1}{4}$  hr.

1990

### Depth to water

20.0

Start 6/6/84

\_\_\_\_\_

### Depth to cave-in

Unit 750

10

### Casing/Probe

Weight 140

Drop 30

**Blows on**

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

[illegible]**VISUAL FIELD CLASSIFICATION AND REMARKS**

~~TOPSOIL~~

0.4'

SAND, LT. BRN, C-F, TRC. SILT

(SP)

HSA

|   |   |   |   |     |    |  |  |
|---|---|---|---|-----|----|--|--|
| 1 | D | 5 | 5 |     |    |  |  |
|   |   | 5 |   | 1.5 | 10 |  |  |

|   |   |   |   |     |   |  |    |
|---|---|---|---|-----|---|--|----|
| 2 | M | 5 | 4 |     |   |  | 10 |
|   |   | 5 |   | 1.2 | 9 |  |    |

|   |   |   |   |     |    |    |
|---|---|---|---|-----|----|----|
| 3 | M | 6 | 7 |     |    | 15 |
|   |   | 8 |   | 1.2 | 15 |    |

|   |   |    |    |  |     |    |  |  |  |
|---|---|----|----|--|-----|----|--|--|--|
| 4 | W | 12 | 13 |  |     |    |  |  |  |
|   |   | 15 |    |  | 1.0 | 28 |  |  |  |

|   |   |   |   |   |   |    |
|---|---|---|---|---|---|----|
| 5 | W | 2 | 3 |   |   | 25 |
|   |   | 3 |   | 1 | 2 | 6  |

|   |   |   |   |    |   |  |  |  |  |
|---|---|---|---|----|---|--|--|--|--|
|   |   |   |   |    |   |  |  |  |  |
| 6 | W | 3 | 4 |    |   |  |  |  |  |
|   |   | 5 |   | 10 | 0 |  |  |  |  |

|   |   |   |   |     |   |    |
|---|---|---|---|-----|---|----|
| 7 | W | 4 | 5 |     |   | 35 |
|   |   | 4 |   | 1.2 | 9 | pp |

-E.O.B. @ 36.5'

WELL @ 36.0'



## B-6

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS    | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |  | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | TOPSOIL                                    | 140          | 30"  |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 0.3'                                       |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | SAND, LIGHT BROWN, M-F, TRACE OF SILT (SP) |              |      |                     |          |             |            | HSA             |
| 1          | M        | 6                | 6    |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 7                |      | 1.2             | 13          |  |              |      |                     |          |             |            |                 |
| 2          | D        | 5                | 6    |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 8                |      | 1.5             | 14          |  |              |      |                     |          |             |            |                 |
| 3          | M/W      | 5                | 7    |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 11               |      | 1.2             | 18          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 16.0'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | SILTY SAND, LIGHT BROWN, M-VF (SM)         |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 19.0'                                      |              |      |                     |          |             |            |                 |
| 4          | M/W      | 15               | 17   |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 25               |      | 1.0             | 42          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 19.0'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | SILTY SAND, LIGHT BROWN, VERY FINE (SM)    |              |      |                     |          |             |            |                 |
| 5          | W        | 19               | 25   |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 34               |      | 1.5             | 59          |  |              |      |                     |          |             |            |                 |
| 6          | M        | 10               | 12   |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 16               |      | 1.0             | 28          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 30.5'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | CLAY, SOME SILT, RED BROWN (CL)            |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 33.0'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | possible                                   |              |      |                     |          |             |            |                 |
| 7          | W        | 10               | 10   |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 12               |      | 1.2             | 22          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 35.0'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | SAND, LIGHT BROWN, M-F (SP)                |              |      |                     |          |             |            |                 |
| 8          | W        | 12               | 7    |                 |             |  |              |      |                     |          |             |            |                 |
|            |          | 5                |      | 1.0             | 12          |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 41.5'                                      |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. @ 41.5'                             |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | WELL @ 41.0'                               |              |      |                     |          |             |            |                 |



**WISCONSIN TEST DRILLING, INC.**

**FIELD BORING LOG**

Sheet 1 Of 1

SCHOFIELD, WISCONSIN

FOR Foth & Van Dyke Adams County Landfill

LOCATION Adams County Elev. \_\_\_\_\_

Job No. 875

Boring No. MW-3P

**GROUND** While drilling \_\_\_\_\_ Time after drilling \_\_\_\_\_  
**WATER** Before casing removal \_\_\_\_\_ Depth to water \_\_\_\_\_  
After casing removal \_\_\_\_\_ Depth to cave-in \_\_\_\_\_

Start 6-12-86  
Unit 45-C  
Chief J.W.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe Weight<br>140#<br>Drop 30" | Unconfined Strength | Boulders | Blows on    |               | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|---|---------------------|----------|-------------|---------------|-----------------|
|            |          | 4/6              | 4/12 |                 |             |   |   |                     |          | Casing Size | Probe 4" Size |                 |
|            |          |                  |      |                 |             | 0-40' see MW-3 Log                      |   |                     |          |             |               | Tri-Cone & Mud  |
| 1          | W        | 22<br>26         | 24   | 1.2             | 50          | 45 Rd-Brn. SAND, M-F, W/Trace Silt (SP) | 45                                      |                     |          |             |               |                 |
| 2          | W        | 17<br>30         | 25   | 1.0             | 55          |   | 50                                      |                     |          |             |               |                 |
| 3          | W        | 100              | 1.0  | .5              | 100         |   | 55                                      |                     |          |             |               |                 |
| 4          | W        | 100              | .8   | .5              | 100         |   | 60                                      |                     |          |             |               |                 |
| 5          | W        | 100              | 1.0  | .8              | 100         |   | 65                                      |                     |          |             |               |                 |
| 6          | W        | 100              | .8   | .3              | 100         | E.O.B. 70.8'<br>Well Set at 70.0'       | 70                                      |                     |          |             |               |                 |
|            |          |                  |      |                 |             |   | 75                                      |                     |          |             |               |                 |
|            |          |                  |      |                 |             |   | 80                                      |                     |          |             |               |                 |
|            |          |                  |      |                 |             |   | 85                                      |                     |          |             |               |                 |



**WISCONSIN TEST DRILLING, INC.**

# FIELD BORING LOG

Sheet 2 Of 2

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke

Adams County Landfill

**Job No.** 875

**LOCATION****Elev.**

**Boring No.** MW-6

## GROUND While drilling

### Time after drilling

**Start** 6-9-86

**WATER** Before casing removal

### Depth to water

Unit 45-C

### After casing removal

### Depth to cave-in

**Chief** J.W.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                                  | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |  | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
| 11         | W        | 1                | 1    |                 |             | Red-Brn SAND, F., W/Trace Silt (SP)<br>E.O.B. 51.5'<br>Well Set at 42.0' | 140#         | 30"  |                     |          |             |            | HSA             |
|            |          | 1                |      | 10              | 2           |  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 55   |              |      | 55                  |          |             |            |                 |
|            |          |                  |      |                 |             | 60   |              |      | 60                  |          |             |            |                 |
|            |          |                  |      |                 |             | 65   |              |      | 65                  |          |             |            |                 |
|            |          |                  |      |                 |             | 70   |              |      | 70                  |          |             |            |                 |
|            |          |                  |      |                 |             | 75   |              |      | 75                  |          |             |            |                 |
|            |          |                  |      |                 |             | 80   |              |      | 80                  |          |             |            |                 |
|            |          |                  |      |                 |             | 85   |              |      | 85                  |          |             |            |                 |
|            |          |                  |      |                 |             | 90   |              |      | 90                  |          |             |            |                 |
|            |          |                  |      |                 |             | 95   |              |      | 95                  |          |             |            |                 |
|            |          |                  |      |                 |             | 100  |              |      | 100                 |          |             |            |                 |

SCHOFIELD, WISCONSIN

FOR Föth &amp; Van Dyke

Adams County Landfill

Job No. 875

LOCATION Adams County - Jensen Property

Elev.

Boring No. MW-6P

GROUND While drilling

Time after drilling

Start 6-9-86

WATER

Before casing removal

Depth to water

Unit 45-C

After casing removal

Depth to cave-in

Chief J.W.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe Weight<br>Drop | Unconfined Strength | Boulders | Blows on    |               | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|-----------------------------|---------------------|----------|-------------|---------------|-----------------|
|            |          | 0/0              | 0/10 |                 |             |   |                             |                     |          | Casing Size | Probe 4" Size |                 |
|            |          |                  |      |                 |             | 0-50' See MW-6 Log                      | 140#<br>30"                 |                     |          |             |               | Tri-Cone Mud    |
|            |          |                  |      |                 |             | 53.0'                                   |                             |                     |          |             |               |                 |
|            |          |                  |      |                 |             | Brn SAND, F-M, Trace Silt (SP)          |                             |                     |          |             |               |                 |
| 1          | W        | 19               | 19   | .8              | 55          |   |                             |                     |          |             |               |                 |
|            |          | 28               |      |                 | 47          |   |                             |                     |          |             |               |                 |
| 2          | W        | 100              | 1.2  |                 | 60          |   |                             |                     |          |             |               |                 |
|            |          |                  |      | .9              | 100         |   |                             |                     |          |             |               |                 |
| 3          | W        | 100              | 1.0  |                 | 65          |   |                             |                     |          |             |               |                 |
|            |          |                  |      | .8              | 100         |   |                             |                     |          |             |               |                 |
| 4          | W        | 39               | 29   |                 | 70          |   |                             |                     |          |             |               |                 |
|            |          | 38               |      | 1.0             | 67          |   |                             |                     |          |             |               |                 |
| 5          | W        | 100              | .8   |                 | 75          |   |                             |                     |          |             |               |                 |
|            |          |                  |      | .5              | 100         |   |                             |                     |          |             |               |                 |
| 6          | W        | 20               | 26   |                 | 80          |   |                             |                     |          |             |               |                 |
|            |          | 37               |      | .5              | 63          |   |                             |                     |          |             |               |                 |
| 7          | W        | 100              | 1.0  | .5              | 85          |   |                             |                     |          |             |               |                 |
| 8          | W        | 100              | .5   | .3              | 90          |   |                             |                     |          |             |               |                 |
| 9          | W        | 100              | 1.0  | .5              | 95          |   |                             |                     |          |             |               |                 |
| 10         | W        | 100              | .8   | .5              | 100         |   |                             |                     |          |             |               |                 |

Well Set at 72.2'

E.O.B. 100.8'

# FIELD BORING LOG

Sheet 1 Of 1

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

|                 |                                |              |        |
|-----------------|--------------------------------|--------------|--------|
| <b>LOCATION</b> | Adams County - Jensen Property | <b>Elev.</b> | 966.06 |
|-----------------|--------------------------------|--------------|--------|

**Boring No.** MW-7

|               |                       |       |                     |                   |  |
|---------------|-----------------------|-------|---------------------|-------------------|--|
| <b>GROUND</b> | While drilling        | 26.0' | Time after drilling | $\frac{1}{2}$ hr. | Start 6-10-86<br>Unit Bomb.<br>Chief T. K. |
| <b>WATER</b>  | Before casing removal | --    | Depth to water      | 25.4'             |  |
|               | After casing removal  | --    | Depth to cave-in    | --                |  |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                                       | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   | Weight       | Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn SAND, F-V.F., Uniform (SP)  |              |      |                     |          |             |            | HSA             |
| 1          | D        | 4                | 4    | 1.4             | 9           |   |              |      |                     |          |             |            |                 |
| 2          | D        | 9                | 12   | 1.4             | 24          |   |              |      |                     |          |             |            |                 |
| 3          | D        | 8                | 11   | 1.4             | 24          |   |              |      |                     |          |             |            |                 |
| 4          | D        | 100              | 1.2  | 1.0             | 100         |   |              |      |                     |          |             |            |                 |
| 5          | W        | 100              | 1.3  | 1.2             | 100         | Brn SAND, W/Silt (SM)   | 25.0'        |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn SAND, F-V.F. (SP)   | 26.0'        |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn Silty SAND, F-V.F., W/Trace of CLAY (SM)                                  | 28.5'        |      |                     |          |             |            |                 |
| 6          | W        | 12               | 9    | 1.4             | 18          |   |              |      |                     |          |             |            |                 |
| 7          | W        | 5                | 8    | 1.4             | 20          | Rd Mottled CLAY, Brn-Gray SILT, Laminated, W/Thin Sand Seams 1/4-1/8" (CL,ML) | 36.0'        |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. 36.5'  |              |      |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Well Set at 33.8'   |              |      |                     |          |             |            |                 |

# FIELD BORING LOG

Sheet 1 Of 1

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County **Elev.** 966.06

**Boring No.** MW-7P

## GROUND While drilling

### Time after drilling

**Start** 6-10-86

**WATER** Before casing removal

### Depth to water

Unit 45-C

### After casing removal

### Depth to cave-in

Chief J.W.

| Depth to cave-in |          |                  |      |                 |             | Chief J.W.                              |              |                     |          |             |            |                 |
|------------------|----------|------------------|------|-----------------|-------------|---|--------------|---------------------|----------|-------------|------------|-----------------|
| Sample No.       | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|                  |          | 6/8              | 6/12 |                 |             |   | Weight       |                     |          | Casing Size | Probe Size |                 |
|                  |          |                  |      |                 |             | 0-35' See MW-7 Log                      | 140#<br>30"  |                     |          |             |            | Tri-Cone Mud    |
| 1                | TWT      |                  | .2   |                 |             |   |              |                     |          |             |            |                 |
| 2                | W        | 20<br>50         | 26   | 1.0             | 76          | 45 Rd-Brn. SAND, M-F, W/Trace Silt (SP) |              |                     |          |             |            |                 |
| 3                | W        | 11<br>18         | 20   | 1.2             | 38          |   |              |                     |          |             |            |                 |
| 4                | W        | 100              | 1.2  | 1.0             | 100         |   |              |                     |          |             |            |                 |
| 5                | W        | 100              | 1.0  | .4              | 100         |   |              |                     |          |             |            |                 |
| 6                | W        | 100              | .8   | .5              | 100         | E.O.B. 65.8'<br>Well Set at 62.7'       |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |
|                  |          |                  |      |                 |             |   |              |                     |          |             |            |                 |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe | Unconfined Strength | Boulders | Blows on |             | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|---------------------|----------|----------|-------------|-----------------|
|            |          | 0/6              | 6/18 |                 |             |   | Weight 140#  |                     |          | Drop 30" | Casing Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, F-V.F. (SP)                  |              |                     |          |          |             | HSA             |
| 1          | D        | 3                | 3    | 1.4             | 7           |   |              |                     |          |          |             |                 |
| 2          | D        | 5                | 6    | 1.4             | 15          |   |              |                     |          |          |             |                 |
| 3          | D        | 3                | 7    | 1.4             | 14          |   |              |                     |          |          |             |                 |
| 4          | D        | 4                | 6    | 1.4             | 13          |   |              |                     |          |          |             |                 |
| 5          | M        | 5                | 7    | 1.4             | 16          | 26.0'                                   |              |                     |          |          |             |                 |
| 6          | D        | 30               | 35   | 1.4             | 65          |   |              |                     |          |          |             |                 |
| 7          | M        | 100/             | 1.0  | .6              | 100         |   |              |                     |          |          |             |                 |
| 8          | M        | 100/             | .7   | .5              | 100         |   |              |                     |          |          |             |                 |
| 9          | W        | 12               | 17   | 1.4             | 41          |   |              |                     |          |          |             |                 |

**WISCONSIN TEST DRILLING, INC.**

# FIELD BORING LOG

Sheet 2 Of 2

**SCHOFIELD, WISCONSIN**

**FOR** Foth & Van Dyke Adams County Landfill

**Job No.** 875

**LOCATION** Adams County - Jensen Property **Elev.** 10,000

**Boring No.** MW-8

## GROUND While drilling

Time after drilling 1 hr

**WATER** Before casing removal

Depth to water 39.6'

### After casing removal

Depth to cave-in None

**Start** 6-12-86

Unit Bomb

Chief T.K.

[illegible]



| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                                    | Casing/Probe | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|--------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/18 |                 |             |  | Weight       |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             |  | 140#<br>30"  |                     |          |             |            | HSA             |
|            |          |                  |      |                 |             | Brn. SAND, F-V.F. (SP)   |              |                     |          |             |            |                 |
| 1          | D        | 5<br>8           | 6    | 14              | 14          | 5  |              | 5                   |          |             |            |                 |
|            |          |                  |      |                 |             | 8.5'   |              |                     |          |             |            |                 |
| 2          | M        | 3<br>9           | 5    | 14              | 14          | 10   |              | 10                  |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. Silty SAND, F, W/Trace Clay (SM)                                      |              |                     |          |             |            |                 |
| 3          | D        | 13<br>18         | 12   | 14              | 30          | 15   |              | 15                  |          |             |            |                 |
|            |          |                  |      |                 |             | 18.5'  |              |                     |          |             |            |                 |
| 4          | W        | 5<br>28          | 15   | 14              | 43          | 20   |              | 20                  |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F-V.F., Trace Silt (SP)   |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 23.0'  |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. Silty SAND, F., W/Trace Clay (SM)                                     |              |                     |          |             |            |                 |
| 5          | W        | 3<br>8           | 4    | 14              | 12          | 25   |              | 25                  |          |             |            |                 |
|            |          |                  |      |                 |             | 28.0'  |              |                     |          |             |            |                 |
| 6          | W        | 4<br>11          | 7    | 14              | 18          | 30   |              | 30                  |          |             |            |                 |
|            |          |                  |      |                 |             | Rd. CLAY, Mottled w/Brn-Gray SILT, Laminated,<br>W/Thin Sand Seams (CL,ML) |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 32.0'  |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. Sandy SILT, Some Clay (ML)  |              |                     |          |             |            |                 |
| 7          | W        | 27<br>36         | 32   | 14              | 68          | 35   |              | 35                  |          |             |            |                 |
|            |          |                  |      |                 |             | 36.0'  |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Brn. SAND, F-V.F. (SP)   |              |                     |          |             |            |                 |
| 8          | W        | 32<br>22         | 46   |                 | 68          | 40   |              | 40                  |          |             |            |                 |
|            |          |                  |      |                 |             | E.O.B. 41.5'<br>Set Well at 28.2'  |              |                     |          |             |            |                 |
|            |          |                  |      |                 |             | 45   |              | 45                  |          |             |            |                 |

[illegible]

**WISCONSIN TEST DRILLING, INC.**

**FIELD BORING LOG**

Sheet 1 Of 1

**SCHOFIELD, WISCONSIN**

**FOR** F&VD Adams County

**LOCATION** Jensen Site Elev.

**Job No.** 907

**Boring No.** MW-17

|               |                       |            |                     |             |                             |                         |
|---------------|-----------------------|------------|---------------------|-------------|-----------------------------|-------------------------|
| <b>GROUND</b> | While drilling        | <u>42'</u> | Time after drilling | <u>1Hr.</u> | <b>Start</b> <u>8-11-86</u> |                         |
|               | Before casing removal |            | Depth to water      | <u>37'</u>  |                             | <b>Unit</b> <u>Bomb</u> |
|               | After casing removal  |            | Depth to cave-in    |             |                             |                         |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                   | Casing/Probe |            | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/12 |                 |             |   | Weight       | Drop       |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Brn. SAND, M-F, Trace Silt (SP)                           | <u>140#</u>  | <u>30"</u> |                     |          |             |            | HSA             |
|            |          |                  |      |                 |             | -----   |              |            |                     |          |             |            |                 |
|            |          |                  |      |                 |             | Lt. Brn. SAND, M-F, Tr. Silt (SP)                         |              |            |                     |          |             |            |                 |
| 1          | D        | 7                | 6    | 15              | 5           |   |              |            |                     |          |             |            |                 |
|            |          | 6                |      |                 | 12          |   |              |            |                     |          |             |            |                 |
| 2          | D        | 4                | 4    | 15              | 10          |   |              |            |                     |          |             |            |                 |
|            |          | 7                |      |                 | 11          |   |              |            |                     |          |             |            |                 |
| 3          | D        | 4                | 4    | 15              | 15          |   |              |            |                     |          |             |            |                 |
|            |          | 7                |      |                 | 11          |   |              |            |                     |          |             |            |                 |
| 4          | D        | 5                | 7    | 15              | 20          |   |              |            |                     |          |             |            |                 |
|            |          | 9                |      |                 | 16          |   |              |            |                     |          |             |            |                 |
| 5          | M        | 8                | 8    | 15              | 25          | Lt. Brn. SAND, F, Mottled, Tr. Silt (SP)                  |              |            |                     |          |             |            |                 |
|            |          | 10               |      |                 | 18          |   |              |            |                     |          |             |            |                 |
| 6          | M        | 6                | 6    | 15              | 30          |   |              |            |                     |          |             |            |                 |
|            |          | 6                |      |                 | 12          |   |              |            |                     |          |             |            |                 |
| 7          | M/W      | 13               | 7    | 15              | 35          |   |              |            |                     |          |             |            |                 |
|            |          | 29               |      |                 | 36          | Brn. SILT W/Clay (ML-CL)                                  |              |            |                     |          |             |            |                 |
| 8          | M/W      | 9                | 29   | 15              | 40          | Brn. Silty SAND, M, W/Clay & Silt Lenses (SM, ML, CL)     |              |            |                     |          |             |            |                 |
|            |          | 20               |      |                 | 49          |   |              |            |                     |          |             |            |                 |
| 9          | W        | 5                | 6    | 15              | 45          | Brn. Laminated SILT, Red Clay, w/Sand Lenses (ML, CL, SM) |              |            |                     |          |             |            |                 |
|            |          | 11               |      |                 | 17          |   |              |            |                     |          |             |            |                 |
| 10         |          | 100/             | 1.1  |                 | 50          | E.O.B. 51.1'  |              |            |                     |          |             |            |                 |



# FIELD BORING LOG

Sheet 2 of 2

SCHOFIELD, WISCONSIN

FOR F&VD

Adams County Landfill

Job No. 1084

LOCATION Adams Co., WI

Adams Co., WI

Elev.         

Boring No. MW-17P

**GROUND** While drilling          Time after drilling 1 day Start 7-13-87  
Before casing removal          Depth to water 44.8' Unit 45-B  
**WATER** After casing removal          Depth to cave-in          Chief L.E.

| Sample No. | Meters | Stems on Sampler |      | Sample Recovery | Total Stems | VERBAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe |      | Depth | Feet | Stems on |     |       |     |       |
|------------|--------|------------------|------|-----------------|-------------|---|--------------|------|-------|------|----------|-----|-------|-----|-------|
|            |        | 0/6              | 6/18 |                 |             |   | Weight       | Drop |       |      | Casing   | Bit | Probe | Bit | Probe |
|            |        |                  |      |                 |             | Fine Brown SAND                         | 140#         | 30"  |       |      |          |     |       |     |       |
| 1          | W      | 25               | 52   |                 |             |   |              |      | 55    |      |          |     |       |     |       |
|            |        | 57               |      | 1               | 108         |   |              |      |       |      |          |     |       |     |       |
| 2          | W      | 20               | 31   |                 |             |   |              |      | 60    |      |          |     |       |     |       |
|            |        | 60               |      | 1               | 191         |   |              |      |       |      |          |     |       |     |       |
| 3          | W      | 21               | 31   |                 |             |   |              |      | 65    |      |          |     |       |     |       |
|            |        | 34               |      | .9              | 65          |   |              |      |       |      |          |     |       |     |       |
| 4          | W      | 34               | 73   |                 |             |   |              |      | 70    |      |          |     |       |     |       |
|            |        | 100              |      | .9              | 173         |   |              |      |       |      |          |     |       |     |       |
| 5          | W      | 100              | .7   | .3              | 100         |   |              |      | 75    |      |          |     |       |     |       |
| 6          | W      | 100              | 1.0  | .6              | 100         |   |              |      | 80    |      |          |     |       |     |       |
|            |        |                  |      |                 |             | E.O.B. @ 81.0'                          |              |      |       |      |          |     |       |     |       |
|            |        |                  |      |                 |             | Well Set @ 80.5'                        |              |      |       |      |          |     |       |     |       |
|            |        |                  |      |                 |             |   |              |      | 85    |      |          |     |       |     |       |
|            |        |                  |      |                 |             |   |              |      | 90    |      |          |     |       |     |       |
|            |        |                  |      |                 |             |   |              |      | 95    |      |          |     |       |     |       |
|            |        |                  |      |                 |             |   |              |      | 100   |      |          |     |       |     |       |

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS                          | Casing/Probe   | Unconfined Strength | Boulders | Blows on    |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|--|----------------|---------------------|----------|-------------|------------|-----------------|
|            |          | 0/6              | 6/18 |                 |             |  | Weight<br>Drop |                     |          | Casing Size | Probe Size |                 |
|            |          |                  |      |                 |             | Lt. Brn. SAND, F-M, Trc. Silt (SP)                               | 140#<br>30"    |                     |          |             |            | HSA             |
| 1          | M        | 8<br>13          | 11   | 1.5             | 24          |  |                |                     |          |             |            |                 |
| 2          | M        | 4<br>5           | 4    | 1.5             | 9           | Brn. Silty SAND, (SM)  |                |                     |          |             |            |                 |
| 3          | M        | 8<br>29          | 13   | 1.5             | 42          | Lt. Brn. SAND, F-VF (SP)   |                |                     |          |             |            |                 |
| 4          | M        | 10<br>38         | 31   | 1.5             | 69          | Lt. Brn. SAND, F-VF, SP)<br>w/2" Brn. Silt Lense                 |                |                     |          |             |            |                 |
| 5          | W        | 5<br>7           | 6    | 1.5             | 13          | w/Brn. Silt Lenses (2")  |                |                     |          |             |            |                 |
| 6          | W        | 4<br>5           | 5    | 1.5             | 10          | Gray SILT, Laminated, Red Clay and<br>Lt. Brn. SAND (ML, CL, SM) |                |                     |          |             |            |                 |
| 7          | W        | 10<br>23         | 18   | .5              | 41          | Brn. SAND, F-M (SP)<br>E.O.B. 35.5'                              |                |                     |          |             |            |                 |

[illegible]

## FIELD BORING LOG

Sheet 2 Of 2

SCHOFIELD, WISCONSIN

FOR F&amp;VD

Adams County

Job No. 907

LOCATION Jensen Property

Elev.

Boring No. MW-18P

GROUND While drilling

Time after drilling

Start 8-12-86

WATER Before casing removal

Depth to water

Unit Bomb

After casing removal

Depth to cave-in

Chief T.K.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe |      | Unconfined Strength | Boulders | Blows on    |            | Drilling Method     |
|------------|----------|------------------|------|-----------------|-------------|---|--------------|------|---------------------|----------|-------------|------------|---------------------|
|            |          | 6/8              | 4/18 |                 |             |   | Weight       | Drop |                     |          | Casing Size | Probe Size |                     |
|            |          |                  |      |                 |             | Brn. SAND, F (SP),<br>Dense Uniform     |              |      |                     |          |             |            | Tri-<br>Cone<br>Mud |
| 3          | 4        | 20               | 30   | 1.0             | 55          |   |              |      | 55                  |          |             |            |                     |
|            |          | 33               |      |                 | 63          | Brn. Uniform SAND, F, Dense (SP)        |              |      |                     |          |             |            |                     |
| 4          | W        | 23               | 23   | 1.0             | 60          |   |              |      | 60                  |          |             |            |                     |
|            |          | 26               |      |                 | 49          | E.O.B. 62.0'                            |              |      |                     |          |             |            |                     |
|            |          |                  |      |                 | 65          |   |              |      | 65                  |          |             |            |                     |
|            |          |                  |      |                 | 70          |   |              |      | 70                  |          |             |            |                     |
|            |          |                  |      |                 | 75          |   |              |      | 75                  |          |             |            |                     |
|            |          |                  |      |                 | 80          |   |              |      | 80                  |          |             |            |                     |
|            |          |                  |      |                 | 85          |   |              |      | 85                  |          |             |            |                     |
|            |          |                  |      |                 | 90          |   |              |      | 90                  |          |             |            |                     |
|            |          |                  |      |                 | 95          |   |              |      | 95                  |          |             |            |                     |
|            |          |                  |      |                 | 100         |   |              |      | 100                 |          |             |            |                     |



SCHOFIELD, WISCONSIN

FOR     E&VD    

Adams County Landfill

## LOCATION

Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19

## GROUND While drilling

### Before casing removal

### Time after drilling

1 day

Start 7-15-87

Unit 45-B

## WATER

### After casing removal

### Depth to cave-in

Chief L.E.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe _____<br>Weight <b>140#</b><br>Drop <b>30"</b> | Unconfined Strength | Boulders | Blows on   |  | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|---|---------------------|----------|------------|--|-----------------|
|            |          | 6/8              | 4/18 |                 |             |   | Casing Size   |                     |          | Probe Size |  |                 |
|            |          |                  |      |                 |             | TOPSOIL<br><br>Brown SAND M-F           | _____ 0.3' _____  |                     |          |            |  | HSA             |
| 1          | D        | 3<br>7           | 5    | 1.3             | 12          | Light Brown SAND Fine                   | _____<br>5 ____ 5.0' _____                                  | 5                   |          |            |  |                 |
| 2          | D        | 7<br>6           | 5    | 1.4             | 11          |   |   | 10                  |          |            |  |                 |
| 3          | D        | 12<br>20         | 9    | 1.4             | 29          |   |   | 15                  |          |            |  |                 |
| 4          | W        | 11<br>8          | 5    | 1.3             | 11          | Brown Sandy SILT, Trace Clay            | _____<br>20 ____ 20.0' _____                                | 20                  |          |            |  |                 |
| 5          | W        | 10<br>18         | 18   | 1.4             | 36          | Brown FINE SAND                         | _____<br>25 ____ 26.0' _____                                | 25                  |          |            |  |                 |
| 6          | W        | 15<br>8          | 7    | 1.2             | 15          | Brown Sandy SILT, Trace Clay            | _____<br>30 ____ 30.5' _____                                | 30                  |          |            |  |                 |
|            |          |                  |      |                 |             | E.O.B. @ 35.0'                          | _____<br>35 ____ 35.0' _____                                | 35                  |          |            |  |                 |
|            |          |                  |      |                 |             | Well Set @ 30.0'                        |   |                     |          |            |  |                 |
|            |          |                  |      |                 |             |   |   | 40                  |          |            |  |                 |
|            |          |                  |      |                 |             |   |   | 45                  |          |            |  |                 |

SCHOFIELD, WISCONSIN

FOR E&VD

# Adams County Landfill

## LOCATION

Adams County, WI

Elev.

Job No. 1084

Boring No. MW-19P

## GROUND

### While drilling

Time after drilling

1 day

Start 7-15-87

WATER

**Before casing removal**

### Depth to water

28.8

Unit 45-B

### After casing removal

### Depth to cave-in

Chief L.E.

| Sample No. | Moisture | Blows on Sampler |      | Sample Recovery | Total Blows | VISUAL FIELD CLASSIFICATION AND REMARKS | Casing/Probe            | Unconfined Strength | Boulders | Blows on          |            | Drilling Method |
|------------|----------|------------------|------|-----------------|-------------|---|-------------------------|---------------------|----------|-------------------|------------|-----------------|
|            |          | 0/6              | 0/12 |                 |             |   | Weight 140#<br>Drop 30" |                     |          | Casing Size<br>4" | Probe Size |                 |
|            |          |                  |      |                 |             | (See Log MW-19)                         |                         |                     |          |                   |            | TRI-CONE & MUD  |
| 1          | W        | 1<br>11          | 1    | .7              | 12          | Fine SAND Brown                         |                         |                     |          |                   |            |                 |
| 2          | W        | 8<br>21          | 20   | 1.0             | 41          |   |                         |                     |          |                   |            |                 |
| 3          | W        | 12<br>32         | 28   | 1.0             | 60          |   |                         |                     |          |                   |            |                 |

B-17

| LOG OF TEST BORING NO.: MW-20  |                      |                        |      |   |    |             | SURFACE ELEVATION: 969.44   |          |                     |                                   |
|--|----------------------|------------------------|------|---|----|-------------|---|----------|---------------------|-----------------------------------|
| CLIENT: ADAMS COUNTY<br>PROJECT: ADAMS COUNTY DEMO LANDFILL<br>PROJECT NUMBER: 89A18<br>LOCATION: 114+55N 105+80E  |                      |                        |      |   |    |             | BORING DEPTH: 40.5'   |          |                     |                                   |
|  |                      |                        |      |   |    |             | DATE: 3/8/89  |          |                     |                                   |
| MSL<br>ELEV  | DEPTH FR<br>LND SURF | SAMP DEPTH<br>INTERVAL | TYPE | # | N  | REC<br>(ft) | DESCRIPTION OF MATERIAL   | CLASS    | LABORATORY<br>TESTS | DRILLING AND<br>SAMPLING NOTES    |
| 969.44   | -- 0                 |                        |      |   |    |             |   |          |                     |                                   |
|  |                      | 2.5-4                  | SS   | 1 | 11 | 1.5         | SAND, well rnd., clean, non plastic, (10YR 6/4)   | SP       |                     |                                   |
| 964.44   | -- 5                 | 5-6.5                  | SS   | 2 | 12 | 1.5         | Same as above   | SP       |                     |                                   |
| 959.44   | -- 10                | 10-11.5                | SS   | 3 | 15 | 1.5         | Same as above   | SP       |                     |                                   |
| 954.44   | -- 15                | 15-16.5                | SS   | 4 | 11 | 1.5         | Clayey SILT, plastic, traces of plant matter (stem or root), (10YR 5/4)   | MH       |                     |                                   |
| 949.44   | -- 20                | 20-21.5                | SS   | 5 | 76 | 1.5         | Very fine SAND with silt sized particles, non plastic, (10YR 7/3)   | SM       |                     |                                   |
| 944.44   | -- 25                | 25-26.5                | SS   | 6 | 76 | 1.5         | Same as above   | SM       |                     |                                   |
| 939.44   | -- 30                | 30-31.5                | SS   | 7 | 82 | 1.5         | Clayey SILT, plastic, moist, bottom 3 inches of split spoon is non clayish, (10YR 5/3)  | MH<br>ML |                     | Samples became saturated at 30.5' |
| 934.44   | -- 35                | 35-36.5                | SS   | 8 | 46 | 1.5         | Top 1-foot of split spoon is SILT (same as above). Bottom 6 inches is a varved CLAY, varved colors of (10YR 5/3) & (10YR 4/6) | CL       |                     |                                   |
| 929.44   | -- 40                | 39-40.5                | SS   | 9 | 56 | 1.5         | Varved CLAY, (10YR 5/3) & (5YR 4/6)   |          |                     |                                   |
|  |                      |                        |      |   |    |             | EOB 40.5'   |          |                     |                                   |
| 924.44   | -- 45                |                        |      |   |    |             |   |          |                     |                                   |
| 919.44   | -- 50                |                        |      |   |    |             |   |          |                     |                                   |
| 914.44   | -- 55                |                        |      |   |    |             |   |          |                     |                                   |
| DRILLING DATA  |                      |                        |      |   |    |             | WATER LEVEL INFORMATION   |          |                     |                                   |
| START DATE: 2/23/89<br>COMPLETION DATE: 2/23/89<br>LOGGED BY: LDA<br>DRILLING METHOD: 4 1/4" I.D. HSA<br>DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.) |                      |                        |      |   |    |             | DEPTH AT COMPLETION:<br>LATER TIME/DEPTH:<br>LATER TIME/DEPTH:<br>CAVE IN DEPTH:<br>DRILLING LOSSES:                          |          |                     |                                   |

| LOG OF TEST BORING NO.: MW-21   |                      |                        |      |   |     |             |   | SURFACE ELEVATION: 964.81 |                     |                                   |
|---|----------------------|------------------------|------|---|-----|-------------|---|---------------------------|---------------------|-----------------------------------|
| CLIENT: ADAMS COUNTY<br>PROJECT: ADAMS COUNTY DEMO LANDFILL<br>PROJECT NUMBER: 89A18<br>LOCATION: 116+30N 105+70E |                      |                        |      |   |     |             |   | BORING DEPTH: 33.5'       |                     |                                   |
|   |                      |                        |      |   |     |             |   | DATE: 3/8/89              |                     |                                   |
| MSL<br>ELEV   | DEPTH FR<br>LND SURF | SAMP DEPTH<br>INTERVAL | TYPE | # | N   | REC<br>(ft) | DESCRIPTION OF MATERIAL   | CLASS                     | LABORATORY<br>TESTS | DRILLING AND<br>SAMPLING NOTES    |
| 964.81  | --0                  |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      | 2.5-4                  | SS   | 1 | 15  | 1.5         | Fine SAND, well rnd., clean, non plastic, trace of plant stem or root, (10YR 6/4)   |                           |                     |                                   |
| 959.81  | --5                  | 5-6.5                  | SS   | 2 | 10  | 1.5         | Same as above   | SP                        |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 954.81  | --10                 | 10-11.5                | SS   | 3 | 12  | 1.5         | SILT, non plastic, trace of plant matter, (10YR 4/4); Top 6" of split spoon is same as sample 1&2                                 | -----<br>ML               |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 949.81  | --15                 | 15-16.5                | SS   | 4 | 100 | 1.4         | SILT, non plastic, color has become more yellow, (10YR 6/4)   | ML                        |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 944.81  | --20                 | 20-21.5                | SS   | 5 | 80  | 1.5         | SILT to a very fine SAND, non plastic, top 0.8' of split spoon (10YR 4/4); Bottom 0.7' of split spoon is (10YR 6/4)               | ML/<br>SM                 |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 939.81  | --25                 | 25-26.5                | SS   | 6 | 49  | 1.5         | SILT, very moist, non plastic, (10YR 5/3); Bottom 4" has thin organic layers, non plastic, not as moist as above silt, (10YR 6/3) | ML                        |                     | Samples became saturated at 25.5' |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 934.81  | --30                 | 30-31.5                | SS   | 7 | 24  | 1.5         | Clayey SILT at top of split spoon sample turns to a varved CLAY, (10YR 5/3)   | MH<br>-----<br>CL         |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      |                        |      |   |     |             | EOB 33.5'   |                           |                     |                                   |
| 929.81  | --35                 |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 924.81  | --40                 |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 919.81  | --45                 |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 914.81  | --50                 |                        |      |   |     |             |   |                           |                     |                                   |
|   |                      |                        |      |   |     |             |   |                           |                     |                                   |
| 909.81  | --55                 |                        |      |   |     |             |   |                           |                     |                                   |

| DRILLING DATA   | WATER LEVEL INFORMATION |
|---|-------------------------|
| START DATE: 2/23/89                                       | DEPTH AT COMPLETION:    |
| COMPLETION DATE: 2/23/89                                  | LATER TIME/DEPTH:       |
| LOGGED BY: LDA  | LATER TIME/DEPTH:       |
| DRILLING METHOD: 4 1/4" I.D. HSA                          | CAVE IN DEPTH:          |
| DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.) | DRILLING LOSSES:        |

| LOG OF TEST BORING NO.: MW-22   |                      |                        |      |   |     |             | SURFACE ELEVATION: 963.85  |          |                     |   |
|---|----------------------|------------------------|------|---|-----|-------------|--|----------|---------------------|---|
| CLIENT: ADAMS COUNTY<br>PROJECT: ADAMS COUNTY DEMO LANDFILL<br>PROJECT NUMBER: 89A18<br>LOCATION: 116+50N 104+15E |                      |                        |      |   |     |             | BORING DEPTH: 36.5   |          |                     |   |
|   |                      |                        |      |   |     |             | DATE: 3/8/89   |          |                     |   |
| MSL<br>ELEV   | DEPTH FR<br>LND SURF | SAMP DEPTH<br>INTERVAL | TYPE | # | N   | REC<br>(ft) | DESCRIPTION OF MATERIAL  | CLASS    | LABORATORY<br>TESTS | DRILLING AND<br>SAMPLING NOTES  |
| 963.85  | --0                  |                        |      |   |     |             |  |          |                     |   |
|   |                      | 2.5-4                  | SS   | 1 | 12  | 1.5         | SAND, fine grained, well rnd.,<br>clean, non plastic, live roots<br>found in split spoon, (10YR 6/4)   | SP       |                     |   |
| 958.85  | --5                  | 5-6.5                  | SS   | 2 | 10  | 1.5         | Same as above  | SP       |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 953.85  | --10                 | 10-11.5                | SS   | 3 | 15  | 1.3         | Same as above except color has<br>become more brown, (10YR 6/3)  | SP       |                     | Split spoon had<br>1/2"-diameter live<br>root, 5" long                |
|   |                      |                        |      |   |     |             |  | -----    |                     |   |
| 948.85  | --15                 | 15-16.5                | SS   | 4 | 14  | 1.2         | SAND, fine grained with some fine<br>sand to silt sized particles, non<br>plastic, (10YR 6/3)  | SM       |                     | More live roots<br>found in split<br>spoon                            |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 943.85  | --20                 | 20-21.5                | SS   | 5 | 25  | 1.5         | Very fine SAND, many silt sized<br>particles, non plastic, top 1',<br>(10YR 7/3); Silty CLAY, bottom 6",<br>plastic, very moist, (10YR 5/4)                                    | SM<br>CL |                     |   |
|   |                      |                        |      |   |     |             |  | -----    |                     |   |
| 938.85  | --25                 | 25-26.5                | SS   | 6 | 16  | 1.5         | Silty CLAY, plastic, very moist,<br>2 different colored layers,<br>(10YR 5/4) & (5YR 4/4)  | CL       |                     | (5YR 4/4) layers<br>upto 1/4" thick;<br>(10YR 5/4) upto<br>2-3" thick |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 933.85  | --30                 | 30-31.5                | SS   | 7 | 24  | 1.5         | Varved CLAY with some silt to med.<br>sand layers upto 1" thick. Silt &<br>sand layers are generally clean &<br>non plastic, color of varved clay<br>is (10YR 5/4) & (5YR 4/4) | CL       |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 928.85  | --35                 | 35-36.5                | SS   | 8 | 100 | 1.1         | Varved CLAY, (10YR 5/4)&(5YR 4/4):<br>Bottom 3" of split spoon is a med.<br>grained, well rnd sand, like that<br>in sample 7 above, color of sand<br>(10YR 6/4)                | CL       |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 923.85  | --40                 |                        |      |   |     |             | EOB 36.5'  |          |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 918.85  | --45                 |                        |      |   |     |             |  |          |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 913.85  | --50                 |                        |      |   |     |             |  |          |                     |   |
|   |                      |                        |      |   |     |             |  |          |                     |   |
| 908.85  | --55                 |                        |      |   |     |             |  |          |                     |   |
| DRILLING DATA   |                      |                        |      |   |     |             | WATER LEVEL INFORMATION  |          |                     |   |
| START DATE: 2/24/89   |                      |                        |      |   |     |             | DEPTH AT COMPLETION:   |          |                     |   |
| COMPLETION DATE: 2/24/89  |                      |                        |      |   |     |             | LATER TIME/DEPTH:  |          |                     |   |
| LOGGED BY: LDA  |                      |                        |      |   |     |             | LATER TIME/DEPTH:  |          |                     |   |
| DRILLING METHOD: 4 1/4" I.D. HSA  |                      |                        |      |   |     |             | CAVE IN DEPTH:   |          |                     |   |
| DRILLING CONTRACTOR: Wisconsin Test Drilling, Inc. (P.D.)   |                      |                        |      |   |     |             | DRILLING LOSSES:   |          |                     |   |

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.





|  |  |  |   |  |   |  |
|--|--|--|---|--|---|--|
| Facility/Project Name<br><b>Adams County Landfill- Recycling Facility</b>  |  |  | License/Permit/Monitoring Number<br><b>3150</b> |  | Boring Number<br><b>MW-26</b>   |  |
| Boring Drilled By (Firm name and name of crew chief)<br><b>WTD/Longyear</b>  |  |  | Date Drilling Started<br><b>09/17/90</b>        |  | Date Drilling Completed<br><b>09/17/90</b>  |  |
| DNR Facility Well No.<br><b>046</b>  |  |  | WI Unique Well No.<br><b>GN077</b>              |  | Common Well Name<br><b>MW-26</b>  |  |
| Final Static Water Level<br><b>934.0 Feet MSL</b>  |  |  | Surface Elevation<br><b>960.0 Feet MSL</b>      |  | Borehole Diameter<br><b>8.5 Inches</b>  |  |
| Boring Location<br>State Plane<br><b>10629.00 N, 11413.00 E</b><br>1/4 of <b>NE</b> 1/4 of Section <b>13</b> T <b>18</b> N, R <b>5</b> |  |  | Lat<br><b>0 1 "</b><br>Long<br><b>0 1 "</b>     |  | Local Grid Location (If applicable)<br><input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E<br>Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W |  |
| County<br><b>Adams</b>   |  |  | DNR County Code<br><b>01</b>                    |  | Civil Town/City/ or Village<br><b>Strongs Prairie</b>   |  |

| Sample |                          | Blow Counts | Depth In Feet | Soil/Rock Description<br>And Geologic Origin For<br>Each Major Unit | U S C S | Graphic<br>Log | Well<br>Diagram | PID/FID | Soil Properties      |                  |              |               |       | RQD/<br>Comments |
|--------|--------------------------|-------------|---------------|---|---------|----------------|-----------------|---------|----------------------|------------------|--------------|---------------|-------|------------------|
| Number | Length (in)<br>Recovered |             |               |   |         |                |                 |         | Standard Penetration | Moisture Content | Liquid Limit | Plastic Limit | P 200 |                  |
| 1      | 18                       | 5 6<br>7    | 2.5           | Light Brown Fine SILTY SAND   | SM      |                |                 |         | 13                   | M                |              |               |       |                  |
| 2      | 18                       | 5 7 9       | 5.0           |   |         |                |                 |         | 16                   | M                |              |               |       |                  |
| 3      | 18                       | 11 17<br>18 | 10.0          | Red brown CLAYEY SILT   | ML      |                |                 |         | 35                   | M                |              |               |       |                  |
| 4      | 18                       | 25 38<br>42 | 15.0          | Light Brown SILT  | ML      |                |                 |         | 80                   | M                |              |               |       |                  |
| 5      | 18                       | 32 29<br>29 | 20.0          | 3" CLAY seam  | CL      |                |                 |         | 58                   | M/W              |              |               |       |                  |
|        |                          |             | 22.5          | Light Brown Fine SAND   | SP      |                |                 |         |                      |                  |              |               |       |                  |
|        |                          |             |               | Light Brown SILT  | ML      |                |                 |         |                      |                  |              |               |       |                  |
| 6      | 18                       | 8 10<br>9   | 25.0          | Red Brown Silty CLAY  | CL      |                |                 |         | 19                   | W                |              |               |       |                  |
|        |                          |             | 27.5          |   |         |                |                 |         |                      |                  |              |               |       |                  |
|        |                          |             | 30.0          |   |         |                |                 |         |                      |                  |              |               |       |                  |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*R. J. Jester*

Firm

Mid-State Associates, Inc.  
1230 South Boulevard Baraboo, WI 53913  
Tel: (608) 356 2771 Fax: (608) 356 2770



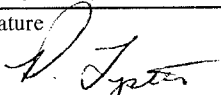

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.



|   |  |  |   |  |  |  |
|---|--|--|---|--|--|--|
| Facility/Project Name<br><b>Adams County Landfill- Recycling Facility</b>   |  |  | License/Permit/Monitoring Number<br><b>3150</b> |  | Boring Number<br><b>MW-27</b>  |  |
| Boring Drilled By (Firm name and name of crew chief)<br><b>WTD/Longyear</b> |  |  | Date Drilling Started<br><b>09/13/90</b>        |  | Date Drilling Completed<br><b>09/13/90</b>   |  |
| DNR Facility Well No.<br><b>047</b>   |  |  | WI Unique Well No.<br><b>GN078</b>              |  | Common Well Name<br><b>MW-27</b>   |  |
| Final Static Water Level<br><b>934.0 Feet MSL</b>                           |  |  | Surface Elevation<br><b>977.0 Feet MSL</b>      |  | Borehole Diameter<br><b>8.5 Inches</b>   |  |
| Boring Location<br>State Plane<br><b>10564.00 N, 11858.00 E</b>             |  |  | Lat<br><b>0 1 "</b>                             |  | Local Grid Location (If applicable)<br><input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E<br>Feet <input type="checkbox"/> S      Feet <input type="checkbox"/> W |  |
| 1/4 of <b>NE</b> 1/4 of Section <b>13</b> T <b>18</b> N,R <b>5</b>          |  |  | Long<br><b>0 1 "</b>                            |  |  |  |
| County<br><b>Adams</b>  |  |  | DNR County Code<br><b>01</b>                    |  | Civil Town/City/ or Village<br><b>Strong's Prairie</b>   |  |


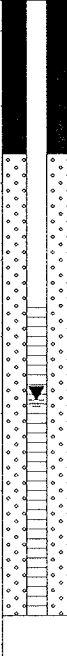
| Sample Number | Length (in) Recovered | Blow Counts | Depth In Feet | Soil/Rock Description And Geologic Origin For Each Major Unit | U S C S | Graphic Log | Well Diagram | PID/FID | Soil Properties      |                  |              |               |       | RQD/ Comments |
|---------------|-----------------------|-------------|---------------|---|---------|-------------|--------------|---------|----------------------|------------------|--------------|---------------|-------|---------------|
|               |                       |             |               |   |         |             |              |         | Standard Penetration | Moisture Content | Liquid Limit | Plastic Limit | P 200 |               |
| 1             | 24                    | 5 6<br>7 7  | 2.5           | Light Brown Fine SAND   | SP      |             |              |         | 13                   | M                |              |               |       |               |
| 2             | 24                    | 5 7<br>7 9  | 5.0           |   |         |             |              |         | 14                   | M                |              |               |       |               |
| 3             | 18                    | 4 7<br>10   | 10.0          |   |         |             |              |         | 17                   | M                |              |               |       |               |
| 4             | 18                    | 11 7<br>12  | 20.0          |   |         |             |              |         | 19                   | M                |              |               |       |               |
|               |                       |             | 22.5          | Light Brown Fine SILTY SAND with organics                     | SM      |             |              |         |                      |                  |              |               |       |               |
| 5             | 18                    | 9 10<br>14  | 25.0          | Red Brown CLAYEY SILT   | ML      |             |              |         | 24                   | M                |              |               |       |               |
|               |                       |             | 27.5          |   |         |             |              |         |                      |                  |              |               |       |               |
|               |                       |             | 30.0          |   |         |             |              |         |                      |                  |              |               |       |               |

I hereby certify that the information on this form is true and correct to the best of my knowledge.


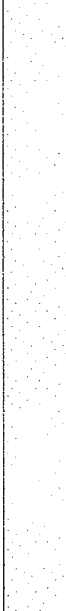






|  |  |   |
|--|--|---|
| Signature<br> | Firm<br><b>Mid-State Associates, Inc.</b><br>1230 South Boulevard Baraboo, WI 53913<br>Tel: (608) 356 2771 Fax: (608) 356 2770 |  |
|--|--|---|

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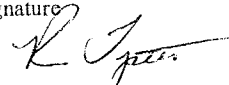

Boring Number **MW-27** Use only as an attachment to Form 4400-122. Page **2** of **2**

| Sample |                          | Blow Counts | Depth In Feet | Soil/Rock Description<br>And Geologic Origin For<br>Each Major Unit | U S C S | Graphic<br>Log  | Well<br>Diagram  | PID/FID | Soil Properties         |                     |                 |                  |       | RQD/<br>Comments |
|--------|--------------------------|-------------|---------------|---|---------|---|--|---------|-------------------------|---------------------|-----------------|------------------|-------|------------------|
| Number | Length (in)<br>Recovered |             |               |   |         |   |  |         | Standard<br>Penetration | Moisture<br>Content | Liquid<br>Limit | Plastic<br>Limit | P 200 |                  |
| 6      | 18                       | 18 58<br>61 | 32.5          | Brown Fine SAND   | SP      |  |  |         | 119                     | M                   |                 |                  |       |                  |
| 7      | 18                       | 27 31<br>34 | 35.0          |   |         |   |  |         | 65                      | M                   |                 |                  |       |                  |
| 8      | 18                       | 12 12<br>20 | 40.0          |   |         |   |  |         | 32                      | M/W                 |                 |                  |       |                  |
| 9      | 18                       | 10 14<br>28 | 45.0          |   |         |   |  |         | 42                      | W                   |                 |                  |       |                  |
| 10     | 18                       | 6 9<br>31   | 50.0          | End of boring at 51.5 ft.   |         |   |  |         | 41                      | W                   |                 |                  |       |                  |
|        |                          |             | 52.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 55.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 57.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 60.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 62.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 65.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 67.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 70.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 72.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 75.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 77.5          |   |         |   |  |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 80.0          |   |         |   |  |         |                         |                     |                 |                  |       |                  |

|   |                                    |                                  |   |  |   |  |
|---|------------------------------------|----------------------------------|---|--|---|--|
| Facility/Project Name<br><b>Adams County Landfill- Recycling Facility</b>   |                                    |                                  | License/Permit/Monitoring Number<br><b>3150</b>   |  | Boring Number<br><b>MW-28</b>   |  |
| Boring Drilled By (Firm name and name of crew chief)<br><b>WTD/Longyear</b>   |                                    |                                  | Date Drilling Started<br><b>09/15/90</b>          |  | Date Drilling Completed<br><b>09/15/90</b>  |  |
|   |                                    |                                  |   |  | Drilling Method<br><b>4 1/4 I.D. HSA</b>  |  |
| DNR Facility Well No.<br><b>048</b>   | WI Unique Well No.<br><b>GN079</b> | Common Well Name<br><b>MW-28</b> | Final Static Water Level<br><b>934.2 Feet MSL</b> |  | Surface Elevation<br><b>971.2 Feet MSL</b>  | Borehole Diameter<br><b>8.5 Inches</b> |
| Boring Location<br>State Plane<br><b>10263.00 N, 11657.00 E</b><br>1/4 of <b>NE</b> 1/4 of Section <b>13</b> T <b>18</b> N,R <b>5</b> |                                    |                                  | Lat <b>0 1 "</b><br>Long <b>0 1 "</b>             |  | Local Grid Location (If applicable)<br><input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> E<br>Feet <input type="checkbox"/> S Feet <input type="checkbox"/> W |  |
| County<br><b>Adams</b>  |                                    |                                  | DNR County Code<br><b>01</b>                      |  | Civil Town/City/ or Village<br><b>Strongs Prairie</b>   |  |


| Sample |  | Blow Counts | Depth In Feet        | Soil/Rock Description<br>And Geologic Origin For<br>Each Major Unit | U S C S | Graphic<br>Log   | Well<br>Diagram | PID/FID | Soil Properties         |                     |                 |                  |       | RQD/<br>Comments |
|--------|--|-------------|----------------------|---|---------|--|-----------------|---------|-------------------------|---------------------|-----------------|------------------|-------|------------------|
| Number | Length (in)<br>Recovered   |             |                      |   |         |  |                 |         | Standard<br>Penetration | Moisture<br>Content | Liquid<br>Limit | Plastic<br>Limit | P 200 |                  |
| 1      |  14   | 4 5<br>5 7  | 2.5<br>5.0           | Light Brown Fine SAND   | SP      |   |                 |         | 10                      | M                   |                 |                  |       |                  |
| 2      |  18  | 3 3<br>5 7  | 5.0<br>7.5           |   |         |  |                 |         | 8                       | M                   |                 |                  |       |                  |
| 3      |  14 | 4 5<br>7    | 10.0<br>12.5         |   |         |  |                 |         | 12                      | M                   |                 |                  |       |                  |
| 4      |  18 | 13 24<br>20 | 15.0<br>17.5         |   |         |  |                 |         | 44                      | M                   |                 |                  |       |                  |
| 5      |  18 | 10 12<br>11 | 20.0<br>22.5         | Red Brown SILT  | ML      |  |                 |         | 23                      | W                   |                 |                  |       |                  |
| 6      |  18 | 10 18<br>40 | 25.0<br>27.5<br>30.0 | Red Brown Clayey Silt seam at 25 to 26.5 ft                         |         |  |                 |         | 58                      | M/W                 |                 |                  |       |                  |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|  |  |   |
|--|--|---|
| Signature<br> | Firm<br><b>Mid-State Associates, Inc.</b><br>1230 South Boulevard Baraboo, WI 53913<br>Tel: (608) 356 2771 Fax: (608) 356 2770 |  |
|--|--|---|

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Boring Number **MW-28** Use only as an attachment to Form 4400-122. Page **2** of **2**

| Sample |                          | Blow Counts | Depth In Feet | Soil/Rock Description<br>And Geologic Origin For<br>Each Major Unit | U S C S | Graphic<br>Log | Well<br>Diagram   | PID/FID | Soil Properties         |                     |                 |                  |       | RQD/<br>Comments |
|--------|--------------------------|-------------|---------------|---|---------|----------------|---|---------|-------------------------|---------------------|-----------------|------------------|-------|------------------|
| Number | Length (in)<br>Recovered |             |               |   |         |                |   |         | Standard<br>Penetration | Moisture<br>Content | Liquid<br>Limit | Plastic<br>Limit | P 200 |                  |
| 7      | 18                       | 15 58<br>87 | 32.5          | End of boring at 47.0 ft.   |         |                |  |         | 145                     | W                   |                 |                  |       |                  |
| 8      | 18                       | 10 12<br>17 | 35.0          |   |         |                |   |         | 28                      | W                   |                 |                  |       |                  |
| 9      | 12                       | 12 38       | 40.0          |   |         |                |   |         | 38                      | W                   |                 |                  |       |                  |
|        |                          |             | 42.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 45.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 47.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 50.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 52.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 55.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 57.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 60.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 62.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 65.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 67.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 70.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 72.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 75.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 77.5          |   |         |                |   |         |                         |                     |                 |                  |       |                  |
|        |                          |             | 80.0          |   |         |                |   |         |                         |                     |                 |                  |       |                  |

Route to:

Watershed/Wastewater

Waste Management

Remediation/Redevelopment

Other

Page 1 of 2

| Facility/Project Name<br>Adams County Landfill  |                              |                        |                                      | License/Permit/Monitoring Number<br>3150  |          |   |              | Boring Number<br>MW-29         |                      |                      |              |                  |       |              |
|---|------------------------------|------------------------|--------------------------------------|---|----------|---|--------------|--------------------------------|----------------------|----------------------|--------------|------------------|-------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe Last Name: Black<br>Firm: PSI                              |                              |                        |                                      | Date Drilling Started<br>11/19/2015 M/T   |          | Date Drilling Completed<br>11/20/2015 M/D/Y                                     |              | Drilling Method<br>4 1/2 " HSA |                      |                      |              |                  |       |              |
| WI Unique Well No.<br>VP 147  |                              | DNR Well Id No.<br>049 |                                      | Well Name<br>MW-29  |          | Final Static Water Level<br>939.73'   |              | Surface Elevation<br>961.73    |                      | Borehole Dia.<br>8 " |              |                  |       |              |
| Local Grid Origin (estimated) or Boring Location<br>State Plane 742169.151 N, 2010739.562 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                        |                                      | Lat. ° ' "  |          | Local Grid Location (If applicable)<br>" N " E<br>Long. ° ' " Feet " S Feet " W |              |                                |                      |                      |              |                  |       |              |
| Facility Id.<br>701040560   |                              | County<br>Adams        |                                      | County Code<br>01   |          | Civil Town/City/or Village<br>Town of Strongs Prairie                           |              |                                |                      |                      |              |                  |       |              |
| SAMPLE  |                              |                        |                                      | SOIL PROPERTIES   |          |   |              |                                |                      |                      |              |                  |       |              |
| Number and Type   | Length Att. & Recovered (in) | Blow Counts            | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT   | USCS     | Graphic Log   | Well Diagram | PID/FID                        | Compressive Strength | Moisture Content     | Liquid Limit | Plasticity Index | P 200 | RQD/Comments |
| 1<br>SS   | 24<br>18                     | 1<br>1<br>2<br>3       | -1<br>-2                             | 6 " Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; dark brown (7.5YR 3/4); moist; medium SAND | OL<br>SM |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 2<br>SS   | 24<br>18                     | 4<br>5<br>5<br>7       | -6<br>-7                             | reddish yellow (7.5 YR 6/8); fine SAND  |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 3<br>SS   | 24<br>20                     | 3<br>4<br>4<br>5       | -11<br>-12                           | light brown (7.5 YR 6/4) with some thin silt layers   |          |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 4<br>SS   | 24<br>20                     | 3<br>4<br>5<br>8       | -16<br>-17                           | SILT (ML) with SAND; brown (7.5 YR 5/4); moist; fine SAND   | ML       |   |              |                                |                      | M                    |              |                  |       | Lacustrine   |
| 5<br>SS   | 24<br>20                     | 6<br>12<br>9<br>11     | -21<br>-22                           | SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND  | SM       |   |              |                                |                      | M<br>W               |              |                  |       | Lacustrine   |
|   |                              | 3                      | -25                                  |   | ML       |   |              |                                |                      | W                    |              |                  |       | Lacustrine   |

GW  
Elevation 939.73'  
11/20/2015

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

William Honea, Nicole Bader

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis.Stats. Completion of this report is mandatory. Failure to file this form may result in forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-29 cont.

Page 2 of 2

| SAMPLE  |                          | BLOW<br>COUNT    | DEPTH<br>IN<br>FEET  | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT   | FIELD OBSERVATIONS |                |                 |                | SOIL PROPERTIES              |                     |                 |                  |       | RDQ/<br>comment |            |  |
|---------|--------------------------|------------------|--|---|--------------------|----------------|-----------------|----------------|------------------------------|---------------------|-----------------|------------------|-------|-----------------|------------|--|
| NUMBER  | LENGTH<br>RECOVERED (IN) |                  |  |   | USCS               | GRAPHIC<br>LOG | WELL<br>DIAGRAM | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT | P-200 |                 |            |  |
| 6<br>SS | 24<br>24                 | 4<br>6<br>8      | -26<br>-27<br>-28<br>-29<br>-30  | CLAY with trace SILT; stiff; brown<br>(7.5 YR 4/4); (varved appearance)   | ML                 |                |                 |                |                              |                     |                 |                  |       |                 | Lacustrine |  |
|         |                          |                  |  |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |  |
| 7<br>SS | 24<br>24                 | 4<br>7<br>8<br>9 | -31<br>-32<br>-33<br>-34<br>-35  | lean CLAY (CL) very thinly bedded with<br>interbedded seams of SILT. CLAY;<br>very stiff, brown (7.5YR 4/4); moist.<br>SILT; brown (7.5YR 5/4); moist.<br>(varved appearance) | CL                 |                |                 |                |                              |                     |                 |                  |       |                 | Lacustrine |  |
|         |                          |                  |  |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |  |
| 8<br>ST | 24<br>24                 | 2<br>2<br>2<br>5 | -36<br>-37<br>-38<br>-39<br>-40<br>-41<br>-42<br>-43<br>-44<br>-45<br>-46<br>-47<br>-48<br>-49<br>-50<br>-51<br>-52<br>-53<br>-54<br>-55<br>-56<br>-57<br>-58<br>-59 | SAND with SILT (SM); med-dense;<br>brown (7.5YR 5/4); wet; medium to<br>fine SAND   | SM                 |                |                 |                |                              |                     |                 |                  |       |                 | Lacustrine |  |
|         |                          |                  |  | Well screen set 33 ft bgs (elevation 928.73')<br>End of boring 37 ft bgs (elevation 924.73')  |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |  |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature

*William Honea, Nicole Bader*

Firm

AYRES ASSOCIATES

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.



|  |                              |   |  |  |          |   |  |  |   |   |         |                      |              |
|--|------------------------------|---|--|--|----------|---|--|--|---|---|---------|----------------------|--------------|
| State of Wisconsin<br>Department of Natural Resources  |                              |   |  |  |          | <b>SOIL BORING LOG INFORMATION</b><br>Form 4400-122      7-98                       |  |  |   |   |         |                      |              |
| Route to:<br>Watershed/Wastewater      "      Waste Management      "<br>Remediation/Redevelopment      "      Other      "                      |                              |   |  |  |          |   |  |  |   |   |         |                      |              |
| Page <u>1</u> of <u>2</u>  |                              |   |  |  |          |   |  |  |   |   |         |                      |              |
| Facility/Project Name<br><div style="text-align: center;">Adams County Landfill</div>  |                              |   |  |  |          | License/Permit/Monitoring Number<br><div style="text-align: center;">3150</div>     |  |  | Boring Number<br><div style="text-align: center;">MW-30</div> |   |         |                      |              |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe      Last Name: Black<br>Firm: PSI                                |                              |   |  |  |          | Date Drilling Started<br><div style="text-align: center;">11/17/2015      M/Y</div> |  | Date Drilling Completed<br><div style="text-align: center;">11/17/2015      M/D/Y</div>                              |   | Drilling Method<br><div style="text-align: center;">4 1/2 " HSA</div> |         |                      |              |
| WI Unique Well No.<br><div style="text-align: center;">VP 144</div>  |                              | DNR Well Id No.<br><div style="text-align: center;">050</div> |  | Well Name<br><div style="text-align: center;">MW-30</div>  |          | Final Static Water Level<br><div style="text-align: center;">941.84'</div>          |  | Surface Elevation<br><div style="text-align: center;">977.84</div>   |   | Borehole Dia.<br><div style="text-align: center;">8 "</div>           |         |                      |              |
| Local Grid Origin " (estimated: ") or Boring Location "<br>State Plane 741638.774 N, 2010658.579 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |   |  |  |          | Lat. ____ ° ____ ' ____ "<br>-----  |  | Local Grid Location (If applicable)<br><div style="text-align: center;">" N      " E<br/>         " S      " W</div> |   |   |         |                      |              |
| Facility Id.<br><div style="text-align: center;">701040560</div>   |                              |   | County<br><div style="text-align: center;">Adams</div> |  |          | County Code<br><div style="text-align: center;">01</div>                            |  | Civil Town/City/or Village<br><div style="text-align: center;">Town of Strongs Prairie</div>                         |   |   |         |                      |              |
| SAMPLE   |                              |   |  | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT  |          |   |  | SOIL PROPERTIES  |   |   |         |                      | RQD/Comments |
| Number and Type  | Length Att. & Recovered (in) | Blow Counts   | Depth in Feet (Below ground surface)                   |  |          |   |  | USCS   | Graphic Log   | Well Diagram  | PID/FID | Compressive Strength |              |
| 1<br>SS  | 24<br>24                     | 2   | -  | 6" Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; fine SAND | OL<br>SM |   |  |  |   | M   |         |                      | Lacustrine   |
|  |                              | 1   | -1   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 3   | -2   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 3   | -3   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 3   | -4   |  |          |   |  |  |   |   |         |                      |              |
| 2<br>SS  | 24<br>22                     | 2   | -5   |  |          |   |  |  |   | M   |         |                      | Lacustrine   |
|  |                              | 3   | -6   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 3   | -7   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 4   | -8   |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 4   | -9   |  |          |   |  |  |   |   |         |                      |              |
| 3<br>SS  | 24<br>22                     | 2   | -10  |  |          |   |  |  |   | M   |         |                      | Lacustrine   |
|  |                              | 3   | -11  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 5   | -12  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 8   | -13  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 8   | -14  |  |          |   |  |  |   |   |         |                      |              |
| 4<br>SS  | 24<br>21                     | 10  | -15  |  |          |   |  |  |   | M   |         |                      | Lacustrine   |
|  |                              | 16  | -16  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 18  | -17  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 20  | -18  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 20  | -19  |  |          |   |  |  |   |   |         |                      |              |
| 5<br>SS  | 24<br>22                     | 6   | -20  |  |          |   |  |  |   | M   |         |                      | Lacustrine   |
|  |                              | 12  | -21  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 16  | -22  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 20  | -23  |  |          |   |  |  |   |   |         |                      |              |
|  |                              | 20  | -24  |  |          |   |  |  |   |   |         |                      |              |
| 11   | -25                          | W   |  |  |          |   |  |  |   |   |         | Lacustrine           |              |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |  |
|---|--|
| Signature<br><div style="text-align: center; font-family: cursive; font-size: 1.2em;">William Honea, Nicole Bader</div> | Firm<br><div style="text-align: center; font-weight: bold;">AYRES ASSOCIATES</div> |
|---|--|

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|  |                              |
|--|------------------------------|
| I hereby certify that the information on this form is true and correct to the best of my knowledge.  |                              |
| Signature<br><br><i>William Honea, Nicole Bader</i>  | Firm<br><br>AYRES ASSOCIATES |
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Route to:  
Watershed/Wastewater    "    Waste Management    "  
Remediation/Redevelopment    "    Other    "

Page 1 of 2

| Facility/Project Name<br>Adams County Landfill  |                              |                              |                                      | License/Permit/Monitoring Number<br>3150                      |             |   |         | Boring Number<br>MW-30P             |                  |  |                  |                      |              |
|---|------------------------------|------------------------------|--------------------------------------|---|-------------|---|---------|-------------------------------------|------------------|--|------------------|----------------------|--------------|
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe                      Last Name: Black                                  |                              |                              |                                      | Date Drilling Started<br>11/17/2015    M/D/Y                  |             | Date Drilling Completed<br>11/18/2015    M/D/Y  |         | Drilling Method<br>4 1/2 " HSA      |                  |  |                  |                      |              |
| Firm: PSI   |                              | WT Unique Well No.<br>VP 145 |                                      | DNR Well Id No.<br>051  |             | Well Name<br>MW-30P   |         | Final Static Water Level<br>941.84' |                  | Surface Elevation<br>979.94                        |                  | Borehole Dia.<br>8 " |              |
| Local Grid Origin    " (estimated: ") or Boring Location    "<br>State Plane 741645.608 N, 2010659.79 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                              |                              |                                      | Lat.    °    '    "   |             | Local Grid Location (If applicable)<br>"    N                      "    E<br>"    S                      "    W |         | Long.    °    '    "                |                  | Feet    "    S                      Feet    "    W |                  |                      |              |
| Facility Id.<br>701040560   |                              | County<br>Adams              |                                      | County Code<br>01   |             | Civil Town/City/or Village<br>Town of Strongs Prairie   |         |                                     |                  |  |                  |                      |              |
| SAMPLE  |                              |                              |                                      | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT |             |   |         | SOIL PROPERTIES                     |                  |  |                  | RQD/Comments         |              |
| Number and Type   | Length Att. & Recovered (in) | Blow Counts                  | Depth in Feet (Below ground surface) | USCS  | Graphic Log | Well Diagram  | PID/FID | Compressive Strength                | Moisture Content | Liquid Limit                                       | Plasticity Index | P 200                | RQD/Comments |
|   |                              |                              | -45                                  | SM  |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |
|   |                              |                              | -46                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -47                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -48                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -49                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
| 1   | 24                           | 4                            | -50                                  |   |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |
| SS  | 24                           | 5                            | -51                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              | 7                            | -52                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -53                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -54                                  |   |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |
|   |                              |                              | -55                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -56                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -57                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -58                                  |   |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |
|   |                              |                              | -59                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -60                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -61                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -62                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -63                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -64                                  |   |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |
|   |                              |                              | -65                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -66                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -67                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -68                                  |   |             |   |         |                                     |                  |  |                  |                      |              |
|   |                              |                              | -69                                  |   |             |   |         |                                     | W                |  |                  |                      | Lacustrine   |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                          |
|---|--------------------------|
| Signature<br><i>William Honea, Nicole Bader</i> | Firm<br>AYRES ASSOCIATES |
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# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

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MW-30P cont.

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| SAMPLE |                          | BLOW<br>COUNT | DEPTH<br>IN<br>FEET | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT | FIELD OBSERVATIONS |                |                 |                | SOIL PROPERTIES              |                     |                 |                  |       | RDQ/<br>comment |            |
|--------|--------------------------|---------------|---------------------|---|--------------------|----------------|-----------------|----------------|------------------------------|---------------------|-----------------|------------------|-------|-----------------|------------|
| NUMBER | LENGTH<br>RECOVERED (IN) |               |                     |   | USCS               | GRAPHIC<br>LOG | WELL<br>DIAGRAM | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT | P-200 |                 |            |
|        |                          |               | -70                 | SAND with SILT (SM); light brown<br>(7.5 YR 6/4); loose             | SM                 |                |                 |                |                              | W                   |                 | 16               | 13    | 44.6%           | Lacustrine |
|        |                          |               | -71                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -72                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -73                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -74                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -75                 | CLAY (CL) with SILT (CL); firm; brown<br>(7.5 YR 5/4); wet          | CL                 |                |                 |                |                              | W                   |                 |                  |       |                 | Lacustrine |
|        |                          |               | -76                 | Well screen set and end of boring 75 ft bgs<br>(elevation 902.94')  |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -77                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -78                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -79                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -80                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -81                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -82                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -83                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -84                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -85                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -86                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -87                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -88                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -89                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -90                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -91                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -92                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -93                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -94                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -95                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -96                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -97                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -98                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -99                 |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -100                |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -101                |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -102                |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |
|        |                          |               | -103                |   |                    |                |                 |                |                              |                     |                 |                  |       |                 |            |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                          |
|---|--------------------------|
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Route to:  
Watershed/Wastewater      Waste Management      "  
Remediation/Redevelopment      Other      "

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|  |                        |                    |  |   |                                |
|--|------------------------|--------------------|--|---|--------------------------------|
| Facility/Project Name<br>Adams County Landfill   |                        |                    | License/Permit/Monitoring Number<br>3150                         |   | Boring Number<br>MW-31         |
| Boring Drilled By: Name of crew chief (first,last) and Firm<br>First Name: Joe      Last Name: Black<br>Firm: PSI                                |                        |                    | Date Drilling Started<br>11/18/2015 M/D/Y                        | Date Drilling Completed<br>11/19/2015 M/D/Y   | Drilling Method<br>4 1/2 " HSA |
| WI Unique Well No.<br>VP 146   | DNR Well Id No.<br>052 | Well Name<br>MW-31 | Final Static Water Level<br>938.90'                              | Surface Elevation<br>967.90   | Borehole Dia.<br>8 "           |
| Local Grid Origin " (estimated: ") or Boring Location "<br>State Plane 741100.745 N, 2010709.457 E<br>SE 1/4 of NE 1/4, of Section 13, T18N, R5E |                        |                    | Lat. ____ ° ____ ' ____ "<br>-----<br>Long. ____ ° ____ ' ____ " | Local Grid Location (If applicable)<br>____ " N      ____ " E<br>____ Feet " S      ____ Feet " W |                                |
| Facility Id.<br>701040560  |                        | County<br>Adams    | County Code<br>01  | Civil Town/City/or Village<br>Town of Strong's Prairie  |                                |

| SAMPLE          |                              |                      | Depth in Feet (Below ground surface) | SOIL/ROCK DESCRIPTION AND GEOLOGIC ORIGIN FOR EACH MAJOR UNIT   | USCS     | Graphic Log | Well Diagram | PID/FID | SOIL PROPERTIES      |                  |              |                  |       | RQD/Comments |
|-----------------|------------------------------|----------------------|--------------------------------------|---|----------|-------------|--------------|---------|----------------------|------------------|--------------|------------------|-------|--------------|
| Number and Type | Length Att. & Recovered (in) | Blow Counts          |                                      |   |          |             |              |         | Compressive Strength | Moisture Content | Liquid Limit | Plasticity Index | P 200 |              |
| 1<br>SS         | 24<br>18                     | 1<br>1<br>1<br>2     | -1<br>-1<br>-2<br>-2                 | 4" Black sand w/organics (topsoil)<br>SAND with SILT (SM); loose; strong brown (7.5YR 5/6); moist; medium SAND                          | OL<br>SM |             |              |         |                      | M                |              |                  |       | Lacustrine   |
| 2<br>SS         | 24<br>22                     | 4<br>6<br>7<br>9     | -6<br>-6<br>-7<br>-7                 |   |          |             |              |         |                      | M                |              |                  |       | Lacustrine   |
| 3<br>SS         | 24<br>22                     | 2<br>7<br>12<br>14   | -11<br>-11<br>-12<br>-12             |   |          |             |              |         |                      | M                |              |                  |       | Lacustrine   |
| 4<br>SS         | 24<br>21                     | 7<br>14<br>17<br>19  | -16<br>-16<br>-17<br>-17             | light brown (7.5 YR 6/3)<br>4" lens of SILT (ML); brown (7.5 YR 5/6)<br>SAND with SILT (SM); light brown (7.5 YR 5/6); moist; fine SAND | ML<br>SM |             |              |         |                      | M                |              |                  |       | Lacustrine   |
| 5<br>SS         | 24<br>22                     | 11<br>18<br>23<br>24 | -21<br>-21<br>-22<br>-22             | SAND with SILT (SM); dense; light brown (7.5 YR 5/4); moist; fine SAND  | SM       |             |              |         |                      | M                |              |                  |       | Lacustrine   |
|                 |                              | 8                    | -25                                  |   |          |             |              |         |                      | M                |              |                  |       | Lacustrine   |

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# SOIL BORING LOG INFORMATION (CONTINUED)

Form 4400-122

7-91

MW-31 cont.

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| SAMPLE  |                          | BLOW<br>COUNT        | DEPTH<br>IN<br>FEET   | SOIL/ROCK DESCRIPTION<br>AND GEOLOGIC ORIGIN FOR<br>EACH MAJOR UNIT  | FIELD OBSERVATIONS |                |                 |                | SOIL PROPERTIES              |                     |                 |                  |       | RDQ/<br>comment |
|---------|--------------------------|----------------------|---|--|--------------------|----------------|-----------------|----------------|------------------------------|---------------------|-----------------|------------------|-------|-----------------|
| NUMBER  | LENGTH<br>RECOVERED (IN) |                      |   |  | USCS               | GRAPHIC<br>LOG | WELL<br>DIAGRAM | FID<br>(field) | STANDARD<br>PENETRA-<br>TION | MOISTURE<br>CONTENT | LIQUID<br>LIMIT | PLASTIC<br>LIMIT | P-200 |                 |
| 6<br>SS | X 24<br>22               | 6<br>9<br>9          | -26<br>-27  | CLAY with trace SILT; stiff; brown<br>(7.5 YR 4/4); (varved appearance)  | ML                 |                |                 |                |                              | M                   |                 |                  |       | Lacustrine      |
|         |                          |                      | -28<br>-29<br>-30   |  |                    |                |                 |                |                              |                     |                 |                  |       |                 |
| 7<br>SS | X 24<br>16               | 11<br>15<br>16<br>20 | -31<br>-32  | SAND with SILT (SM); dense; light<br>brown (7.5YR 6/3); wet; medium to<br>fine SAND  | SM                 |                |                 |                |                              | W                   |                 |                  |       | Lacustrine      |
|         |                          |                      | -33<br>-34<br>-35   |  |                    |                |                 |                |                              |                     |                 |                  | 49.6% |                 |
| 8<br>SS | X 24<br>22               | 6<br>8<br>11<br>15   | -36<br>-37  | lean CLAY (CL) very thinly bedded with<br>interbedded seams of SILT. CLAY;<br>very stiff, brown (7.5YR 4/4); moist.<br>SILT; brown (7.5YR 5/4); moist. | CL                 |                |                 |                |                              | W                   |                 |                  |       | Lacustrine      |
|         |                          |                      | -38<br>-39<br>-40   |  |                    |                |                 |                |                              |                     |                 |                  |       |                 |
| 9<br>SS | X 24<br>20               | 4<br>6<br>10<br>19   | -41<br>-42  | SAND with SILT (SM); med-dense;<br>brown (7.5YR 5/4); wet; medium to<br>fine SAND  | SM                 |                |                 |                |                              | W                   |                 |                  |       | Lacustrine      |
|         |                          |                      | -43<br>-44<br>-45<br>-46<br>-47<br>-48<br>-49<br>-50<br>-51<br>-52<br>-53<br>-54<br>-55<br>-56<br>-57<br>-58<br>-59 | Well screen set 40 ft bgs (elevation 927.90')<br>End of boring 42 ft bgs (elevation 925.90')   |                    |                |                 |                |                              |                     |                 |                  |       |                 |

I hereby certify that the information on this form is true and correct to the best of my knowledge.

|   |                          |
|---|--------------------------|
| Signature<br><i>William Honea, Nicole Bader</i> | Firm<br>AYRES ASSOCIATES |
|---|--------------------------|

This form is authorized by Chapters 144.147 and 162, Wis.Stats. Completion of this report is mandatory. Penalties: Forfeit not less than \$10 or nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06, Wis. Stats.

|  |  |   |  |   |  |   |  |   |  |
|--|--|---|--|---|--|---|--|---|--|
| <div>Well Construction Report For<br/>WISCONSIN UNIQUE WELL NUMBER AJ514</div>   |  |   |  | State of WI - Private Water Systems - DG/2<br>Department of Natural Resources, Box 7921<br>Madison, WI 53707<br>Please type or Print using a black Pen<br>Please Use Decimals Instead of Fractions. |  |   |  | Form 3300-77A<br>(R 8/00)   |  |
| Property Owner ADAMS CO ZONING   |  |   |  | Telephone 608-339-4222<br>Number  |  |   |  |   |  |
| Mailing Address PO BOX 187   |  |   |  | 1. Well Location<br><input checked="" type="checkbox"/> Town <input type="checkbox"/> City <input type="checkbox"/> Village<br>of STRONGS PRAIRIE   |  |   |  | Fire # (if available)   |  |
| City FRIENDSHIP  |  |   |  | State WI  |  | Zip Code 53934  |  | Grid or Street Address or Road Name and Number  |  |
| County of Well Location<br>Adams   |  | County Well Permit No.<br>W   |  | Well Completion Date<br>12/02/1988  |  |   |  | Subdivision Name Lot # Block #  |  |
| Well Constructor (Business Name)<br>TERRY FARAGO   |  | License #<br>41   |  | Facility ID Number (Public Wells)   |  | Gov't Lot # or NE 1/4 of SE 1/4 of  |  | Section 13 T 18 N; R 5 <input checked="" type="checkbox"/> E <input type="checkbox"/> W |  |
| Address<br>N6079 8TH AVE   |  | Public Well Plan Approval #<br>W--  |  | Latitude Deg. Min. Longitude Deg. Min.  |  | 2. Well Type<br><input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Reconstruction  |  | Lat/Long Method<br>GPS008   |  |
| City<br>PLAINFIELD   |  | State WI Zip Code 54966-9757  |  | Date of Approval (mm/dd/yyyy)   |  | of previous unique well # constructed in  |  | Reason for replaced or Reconstructed Well?  |  |
| Hicap Permanent well #   |  | Common Well #   |  | Specific Capacity<br>.6 gpm/ft  |  | 3. Well serves # of homes and or SHOP   |  | High capacity Well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |  |
| (e.g. barn, restaurant, church, school, industry, etc.)  |  | Property? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No             |  | <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven Point <input type="checkbox"/> Jetted <input type="checkbox"/> Other:   |  | 4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |  |   |  |
| Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, distance in feet from quarry: |  | 9. Downspout/Yard Hydrant   |  | 17. Wastewater Sump   |  | 18. Paved Animal Barn Pen   |  |   |  |
| Well located in floodplain? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | 10. Privy   |  | 19. Animal Yard or Shelter  |  | 20. Silo  |  |   |  |
| Distance in Feet from Well to Nearest:<br>1200 1. Landfill   |  | 11. Foundation Drain to Clearwater  |  | 21. Barn Gutter   |  | 22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure  |  |   |  |
| 8 2. Building Overhang   |  | 12. Foundation Drain to Sewer   |  | 22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure  |  | <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other  |  |   |  |
| 3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/>   |  | 13. Building Drain  |  | 23. Other Manure Storage  |  | 24. Ditch   |  |   |  |
| 4. Sewage Absorption Unit  |  | <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other              |  | 25. Other NR 812 Waste Storage  |  |   |  |   |  |
| 5. Nonconforming Pit   |  | 14. Building Sewer <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure     |  |   |  |   |  |   |  |
| 6. Buried Home Heating Oil Tank  |  | <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other              |  |   |  |   |  |   |  |
| 7. Buried Petroleum Tank   |  | 15. Collector or Street Sewer:  |  |   |  |   |  |   |  |
|  |  | <input type="checkbox"/> Sanitary units in. diam.   |  |   |  |   |  |   |  |
|  |  | <input type="checkbox"/> Storm <input type="checkbox"/> =< 6 <input type="checkbox"/> > 6 |  |   |  |   |  |   |  |
| 8. Shoreline <input type="checkbox"/> Swimming Pool <input type="checkbox"/>   |  | 16. Clearwater Sump   |  |   |  |   |  |   |  |
| 5. Drillhole Dimensions and Construction Method  |  |   |  | 8. Geology  |  |   |  | From To   |  |
| From To Upper Lower  |  |   |  | Type, Caving/Noncaving, Color, Hardness, etc  |  |   |  | (ft.) (ft.)   |  |
| Dia (in.) (ft.) (ft.) Enlarged Drillhole   |  |   |  |   |  |   |  |   |  |
| 6 0 124  |  |   |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/>  |  |   |  | --S- SAND 0 18  |  |   |  |   |  |
| <input checked="" type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/>   |  |   |  | --C- CLAY 18 48   |  |   |  |   |  |
| <input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/>   |  |   |  | -NS- FINE SAND 48 115   |  |   |  |   |  |
| <input type="checkbox"/> ---4. Drill-Through Casing Hammer   |  |   |  | --N- SAND STONE 115 124   |  |   |  |   |  |
| <input type="checkbox"/> ---5. Reverse Rotary  |  |   |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/>  |  |   |  |   |  |   |  |   |  |
| <input type="checkbox"/> 7. Dual Rotary <input type="checkbox"/>   |  |   |  |   |  |   |  |   |  |
| <input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth  |  |   |  |   |  |   |  |   |  |
| Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No (ft)   |  |   |  |   |  |   |  |   |  |
| If no, why not?  |  |   |  |   |  |   |  |   |  |
| 6. Casing, Liner, Screen Material, Weight, Specification   |  |   |  | 9. Static Water Level   |  |   |  | 11. Well is:  |  |
| Dia. (in.) From To   |  |   |  | ft. above ground surface  |  |   |  | <input checked="" type="checkbox"/> Above Grade   |  |
| 6 ASTM 589 USS STEEL 19.45#PER FT TOT. 0 121   |  |   |  | 41 ft. below ground surface   |  |   |  | <input type="checkbox"/> Below Grade  |  |
| WT. 2353.5#  |  |   |  |   |  |   |  | 36 in. <input type="checkbox"/> Below Grade   |  |
| Dia. (in.) Screen type, material & slot size   |  |   |  | 10. Pump Test   |  |   |  | Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No          |  |
| 6 #20 K/PACKER 56 INCH LG 121 124  |  |   |  | Pumping Level 80 ft. below surface  |  |   |  | Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No        |  |
|  |  |   |  | Pumping at 22 GPM for 2 hours   |  |   |  | Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No             |  |
| 7. Grout or Other Sealing Material. Method:  |  |   |  | 12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property?   |  |   |  |   |  |
| Method: From To # Sacks  |  |   |  | <input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:  |  |   |  |   |  |
| Kind of Sealing Material (ft.) (ft.) Cement  |  |   |  |   |  |   |  |   |  |
|  |  |   |  | 13. Signature of the Well Constructor or Supervisory Driller  |  |   |  | Date signed   |  |
|  |  |   |  | TPF   |  |   |  | 12/29/1988  |  |
|  |  |   |  | Signature of Drill Rig Operator (Mandatory unless same as above)  |  |   |  | Date signed   |  |
|  |  |   |  | TPF   |  |   |  | 12/29/1988  |  |
| Make additional comments on reverse side about geology, additional screens, water quality, etc.  |  |   |  | Variance issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  |   |  |   |  |

|  |  |                                 |  |   |  |   |  |   |  |
|--|--|---------------------------------|--|---|--|---|--|---|--|
| <div>Well Construction Report For<br/>WISCONSIN UNIQUE WELL NUMBER</div> <div>KO311</div>  |  |                                 |  | State of WI - Private Water Systems - DG/2<br>Department of Natural Resources, Box 7921<br>Madison, WI 53707<br>Please type or Print using a black Pen<br>Please Use Decimals Instead of Fractions. |  |   |  | Form 3300-77A<br>(R 8/00)   |  |
| Property Owner ADAMS CTY SOLID WASTE   |  |                                 |  | Telephone 608-339-9178<br>Number  |  |   |  |   |  |
| Mailing Address 1420 HWY 21  |  |                                 |  | 1. Well Location<br><input checked="" type="checkbox"/> Town <input type="checkbox"/> City <input type="checkbox"/> Village<br>of STRONGS PRAIRIE   |  |   |  | Fire # (if available)   |  |
| City FRIENDSHIP  |  | State WI                        |  | Zip Code 53934  |  | Grid or Street Address or Road Name and Number  |  |   |  |
| County of Well Location Adams  |  | County Well Permit No. W        |  | Well Completion Date 07/18/1995   |  | Subdivision Name Lot # Block #  |  |   |  |
| Well Constructor (Business Name) SYLVESTER R HAUPT   |  | License # 489                   |  | Facility ID Number (Public Wells)   |  | Gov't Lot # or 1/4 of NW 1/4 of   |  | Section 13 T 18 N; R 5 <input checked="" type="checkbox"/> E <input type="checkbox"/> W |  |
| Address  |  | Public Well Plan Approval # W-- |  | Latitude Deg. Min. Longitude Deg. Min.  |  | 2. Well Type <input checked="" type="checkbox"/> New <input type="checkbox"/> Replacement <input type="checkbox"/> Reconstruction                 |  | Lat/Long Method GPS008  |  |
| City AUBURNDALE  |  | State WI Zip Code 54412         |  | Date of Approval (mm/dd/yyyy) 06/15/1995  |  | of previous unique well # constructed in  |  | Reason for replaced or Reconstructed Well? IRRIGATION                                   |  |
| Hicap Permanent well # 1602  |  | Common Well #                   |  | Specific Capacity 52.6 gpm/ft   |  | <input checked="" type="checkbox"/> Drilled <input type="checkbox"/> Driven Point <input type="checkbox"/> Jetted <input type="checkbox"/> Other: |  |   |  |
| 3. Well serves # of homes and or (e.g. barn, restaurant, church, school, industry, etc.)   |  |                                 |  | High capacity Well? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  |   |  |   |  |
|  |  |                                 |  | Property? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  |   |  |   |  |
| 4. Is the well located upslope or sideslope and not downslope from any contamination source, including those on neighboring properties? <input type="checkbox"/> Yes <input type="checkbox"/> No |  |                                 |  |   |  |   |  |   |  |
| Well located within 1,200 feet of a quarry? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, distance in feet from quarry:   |  |                                 |  |   |  |   |  |   |  |
| Well located in floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No   |  |                                 |  |   |  |   |  |   |  |
| Distance in Feet from Well to Nearest:   |  |                                 |  |   |  |   |  |   |  |
| 1. Landfill  |  |                                 |  |   |  |   |  |   |  |
| 2. Building Overhang   |  |                                 |  |   |  |   |  |   |  |
| 3. Septic <input type="checkbox"/> Holding Tank <input type="checkbox"/>   |  |                                 |  |   |  |   |  |   |  |
| 4. Sewage Absorption Unit  |  |                                 |  |   |  |   |  |   |  |
| 5. Nonconforming Pit   |  |                                 |  |   |  |   |  |   |  |
| 6. Buried Home Heating Oil Tank  |  |                                 |  |   |  |   |  |   |  |
| 7. Buried Petroleum Tank   |  |                                 |  |   |  |   |  |   |  |
| 8. Shoreline <input type="checkbox"/> Swimming Pool <input type="checkbox"/>   |  |                                 |  |   |  |   |  |   |  |
| 9. Downspout/Yard Hydrant  |  |                                 |  |   |  |   |  |   |  |
| 10. Privy  |  |                                 |  |   |  |   |  |   |  |
| 11. Foundation Drain to Clearwater   |  |                                 |  |   |  |   |  |   |  |
| 12. Foundation Drain to Sewer  |  |                                 |  |   |  |   |  |   |  |
| 13. Building Drain <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other  |  |                                 |  |   |  |   |  |   |  |
| 14. Building Sewer <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other                               |  |                                 |  |   |  |   |  |   |  |
| 15. Collector or Street Sewer: <input type="checkbox"/> Sanitary units in. diam. <input type="checkbox"/> Storm <input type="checkbox"/> =< 6 <input type="checkbox"/> > 6                       |  |                                 |  |   |  |   |  |   |  |
| 16. Clearwater Sump  |  |                                 |  |   |  |   |  |   |  |
| 17. Wastewater Sump  |  |                                 |  |   |  |   |  |   |  |
| 18. Paved Animal Barn Pen  |  |                                 |  |   |  |   |  |   |  |
| 19. Animal Yard or Shelter   |  |                                 |  |   |  |   |  |   |  |
| 20. Silo   |  |                                 |  |   |  |   |  |   |  |
| 21. Barn Gutter  |  |                                 |  |   |  |   |  |   |  |
| 22. Manure Pipe <input type="checkbox"/> Gravity <input type="checkbox"/> Pressure <input type="checkbox"/> Cast Iron or Plastic <input type="checkbox"/> Other                                  |  |                                 |  |   |  |   |  |   |  |
| 23. Other Manure Storage   |  |                                 |  |   |  |   |  |   |  |
| 24. Ditch  |  |                                 |  |   |  |   |  |   |  |
| 25. Other NR 812 Waste Storage   |  |                                 |  |   |  |   |  |   |  |
| 5. Drillhole Dimensions and Construction Method  |  |                                 |  | 8. Geology From To Type, Caving/Noncaving, Color, Hardness, etc (ft.) (ft.)   |  |   |  |   |  |
| Dia (in.) From (ft.) To (ft.) Upper Enlarged Drillhole Lower Open Bedrock  |  |                                 |  | --Y- SAND @ GRAVEL 0 90   |  |   |  |   |  |
| 32 0 90  |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---1. Rotary - Mud Circulation----- <input type="checkbox"/>  |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---2. Rotary - Air----- <input type="checkbox"/>  |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---3. Rotary - Air and Foam----- <input type="checkbox"/>   |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---4. Drill-Through Casing Hammer   |  |                                 |  |   |  |   |  |   |  |
| <input checked="" type="checkbox"/> ---5. Reverse Rotary   |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> ---6. Cable-tool Bit in. dia----- <input type="checkbox"/>  |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> 7. Dual Rotary <input type="checkbox"/>   |  |                                 |  |   |  |   |  |   |  |
| <input type="checkbox"/> 8. Temp. Outer Casing in. dia. depth (ft)   |  |                                 |  |   |  |   |  |   |  |
| Removed? <input type="checkbox"/> Yes <input type="checkbox"/> No  |  |                                 |  |   |  |   |  |   |  |
| If no, why not?  |  |                                 |  |   |  |   |  |   |  |
| 6. Casing, Liner, Screen Material, Weight, Specification From To Dia. (in.) (ft.) (ft.)  |  |                                 |  |   |  |   |  |   |  |
| 16 250 WALL STEEL 0 50   |  |                                 |  |   |  |   |  |   |  |
| Dia. (in.) Screen type, material & slot size 50 90   |  |                                 |  |   |  |   |  |   |  |
| 16 JOHNSON GALV 45 SLOT  |  |                                 |  |   |  |   |  |   |  |
| 7. Grout or Other Sealing Material. Method: From To # Sacks Method: (ft.) (ft.) Cement   |  |                                 |  |   |  |   |  |   |  |
| Kind of Sealing Material   |  |                                 |  |   |  |   |  |   |  |
| NATIVE FORMATIO 0 45   |  |                                 |  |   |  |   |  |   |  |
| GRAVEL PACK 45 90  |  |                                 |  |   |  |   |  |   |  |
| 9. Static Water Level ft. above ground surface 25 ft. below ground surface   |  |                                 |  | 11. Well is: <input checked="" type="checkbox"/> Above Grade 13 in. <input type="checkbox"/> Below Grade  |  |   |  |   |  |
| 10. Pump Test Pumping Level 44 ft. below surface   |  |                                 |  | Developed? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |  |   |  |   |  |
| Pumping at 1000 GPM for 2 hours  |  |                                 |  | Disinfected? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  |  |   |  |   |  |
|  |  |                                 |  | Capped? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |  |   |  |   |  |
| 12. Did you notify the owner of the need to permanently abandon and fill all unused wells on this property? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, explain:             |  |                                 |  |   |  |   |  |   |  |
| 13. Signature of the Well Constructor or Supervisory Driller SH Date signed 09/29/1995   |  |                                 |  |   |  |   |  |   |  |
| Signature of Drill Rig Operator (Mandatory unless same as above) WCS Date signed   |  |                                 |  |   |  |   |  |   |  |
| Make additional comments on reverse side about geology, additional screens, water quality, etc. Variance issued <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No              |  |                                 |  |   |  |   |  |   |  |



**Owner**

1223026

ADAMS COUNTY SOLID WASTE DEPT

1420 STH 21

FRIENDSHIPWI53934

Phone 608 339 9178

**Operator**

1666001

BULA-GIERINGER FARMS

349 COUNTY HIGHWAY M

COLOMAWI54930

Phone 608 339 9869

**LOCATION**

Region**West Central Region**

MajorBasin**Mississippi River**

County**Adams**Civil Town**STRONGS PRAIRIE**

Govt Lot\_\_\_\_or**CT** 1/4 of the **NW** 1/4

Sec. **13**, T **18**, Rg. **5**E/W **E**

Street

Mailing City

File Location**01 - 1 - 247**

PWS ID

**Well Numbers**High Cap #**1602**

WUWN WCR**KO311**

WUWN GRN**KO311**

Image file

Approved Capacity**1,000 GPM**

Normal Pumpage**720,000GPD**

Max pumpage**1,440,000GPD**

Status**APPROVED**  
*existing well*

Approved**06/15/1995**

Completed**07/18/1995**

WaterUse**Agricultural irrigation**

**General Well Information**

Drilled by:**HAUPT WELL DRLG**

489

Gravel Pack**Y**

Total Depth ft**90.0**

Drill Method:**Reverse Rotary**

Co Apprvl #**247**

Screened?**Y**

Feet to rock

Aquifer**Sand/Gravel**

Screen Type**Slotted Casing**

First Rock is

Multiple Aquifers?**N**

Seal Material**Native Formations**

Additional Geology Information. (Note Diameters are in inches, lengths, thickness & depths are in feet.)

| Formation Thickness      |                                      |                                       |
|--------------------------|--------------------------------------|---------------------------------------|
| Surface Sand <b>90.0</b> | Upper Drillhole Diameter             | Screen Diameter <b>16.0</b>           |
| Surface Clay             | Upper Drillhole Depth-Ft             | Screen Length <b>40.0</b>             |
| Devonian                 | Lower Drillhole Diameter <b>32.0</b> | Sealing Material Depth <b>45.0</b>    |
| Silurian                 | Lower Drillhole Length <b>90.0</b>   | Hours of Yield Test <b>2.0</b>        |
| Maquoketa                | More than 2 Drillholes? <b>N</b>     | GPM of Yield Test <b>1,000.0</b>      |
| Sinnippe                 | Primary Casing Diameter              | Static Water (feet) <b>25</b>         |
| Ancell                   | Primary Casing Depth <b>50.0</b>     | Pumping Water Level (ft) <b>44</b>    |
| Prairie du Chien         | Liner Casing Diameter <b>16.0</b>    | Specific Capacity(GPM/Ft) <b>52.6</b> |
| Cambrian                 | Liner Casing Length                  |                                       |
| Precambrian              | Liner Casing Depth                   | WGNHS Log No.                         |