

ND 54

# SOIL EVALUATION REPORT

in accordance with Comm 85, Wis. Adm. Code

Attach complete site plan on paper not less than 8 1/2 x 11 inches in size. Plan must include, but not limited to: vertical and horizontal reference point (BM), direction and Percent slope, scale or dimensions, north arrow, and location and distance to nearest road.

Please print all information.

Personal information you provide may be used for secondary purposes (Privacy Law, s. 15.04 (1) (m)).

|                               |                   |
|-------------------------------|-------------------|
| County:<br>Washington County  |                   |
| Parcel I.D.:                  |                   |
| Reviewed by:<br><i>D. Del</i> | Date:<br>12/20/04 |

RECEIVED  
SEP 23 2003  
WASHINGTON COUNTY  
PLANNING AND PARKS DEPT.

|  |              |                    |  |  |  |
|--|--------------|--------------------|--|--|--|
| Property Owner:<br>JBJ Development                               |              |                    | Property Location:<br>Govt. Lot SW 1/4 NE 1/4 S 31 T 9 N - R 19 E (or) W |  |  |
| Property Owner's Mailing Address:<br>W176 N9912 Rivercrest Drive |              |                    | Lot #<br>17 18   | Block #                                  | Subd. Name or CSM #<br>Cosgrove Acres  |
| City:<br>Germantown  | State:<br>WI | Zip Code:<br>53022 | Phone Number:<br>( ) -   | <input type="checkbox"/> City: Richfield | <input type="checkbox"/> Village: <input checked="" type="checkbox"/> Town: Palomino Court |

|  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> New Construction           | Use <input checked="" type="checkbox"/> Residential / Number of bedrooms: 4 | Code derived design flow rate: 600 GPD       |
| <input type="checkbox"/> Replacement                           | <input type="checkbox"/> Public or commercial - Describe:                   |  |
| Parent material: Loess over glacial outwash                    |   | Flood Plain elevation if applicable: n/a ft. |
| General comments and recommendations: Conventional type system |   |  |

1 Boring #  Boring  Pit Ground surface elev. 1063.83 ft. Depth to limiting factor >120 in. Soil Application Rate

| Horizon | Depth in. | Dominant Color Munsell | Redox Description Qu. Sz. Cont. Color | Texture    | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | GPD/ft <sup>2</sup> |       |
|---------|-----------|------------------------|---------------------------------------|------------|-----------------------|-------------|----------|-------|---------------------|-------|
|         |           |                        |                                       |            |                       |             |          |       | Eff#1               | Eff#2 |
| Ap      | 0-9       | 10 YR 4/2              |                                       | SiL        | 2 m gr                | mfr         | as       | 2f-1m | .5                  | .8    |
| Bt      | 9-20      | 10 YR 3/4              |                                       | gr CL      | 2 m abk               | mfi         | cs       | 2f-1m | .4                  | .6    |
| 2C      | 20-120    | 10 YR 6/4              |                                       | vgr-cb CoS | 0 sg                  | ml          | --       | --    | .7                  | 1.6   |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |

2 Boring #  Boring  Pit Ground surface elev. 1064.44 ft. Depth to limiting factor >167 in. Soil Application Rate

| Horizon | Depth in. | Dominant Color Munsell | Redox Description Qu. Sz. Cont. Color | Texture    | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | GPD/ft <sup>2</sup> |       |
|---------|-----------|------------------------|---------------------------------------|------------|-----------------------|-------------|----------|-------|---------------------|-------|
|         |           |                        |                                       |            |                       |             |          |       | Eff#1               | Eff#2 |
| Ap      | 0-10      | 10 YR 4/2              |                                       | SiL        | 2 m gr                | mfr         | as       | 2f-1m | .5                  | .8    |
| Bt1     | 10-27     | 10 YR 4/4              |                                       | SiCL       | 2 m-co abk            | mfi         | cs       | 2f-1m | .4                  | .6    |
| 2Bt2    | 27-47     | 10 YR 3/4              |                                       | gr CL      | 2 m abk               | mfi         | gw       | 2f-1m | .4                  | .6    |
| 2C      | 47-167    | 10 YR 6/4              |                                       | vgr-cb CoS | 0sg                   | ml          | --       | 1f    | .7                  | 1.6   |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |

\* Effluent # 1 = BOD<sub>5</sub> > 30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L

\* Effluent # 2 = BOD<sub>5</sub> ≤ 30 mg/L and TSS ≤ 30 mg/L

|   |                                      |                                       |
|---|--------------------------------------|---------------------------------------|
| CST Name (Please Print):<br>David LaBott            | Signature:<br><i>David LaBott</i>    | CST Number:<br>71449                  |
| Address:<br>55 S. Third Ave. Sturgeon Bay, WI 54235 | Date Evaluation Conducted:<br>5-6-03 | Telephone Number:<br>(920) 743 - 8211 |

**3** Boring #  Boring  Pit Ground surface elev. 1063.64 ft. Depth to limiting factor >120 in Soil Application Rate

| Horizon | Depth in. | Dominant Color Munsell | Redox Description Qu. Sz. Cont. Color | Texture    | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | GPD/ft <sup>2</sup> |       |
|---------|-----------|------------------------|---------------------------------------|------------|-----------------------|-------------|----------|-------|---------------------|-------|
|         |           |                        |                                       |            |                       |             |          |       | Eff#1               | Eff#2 |
| Ap      | 0-11      | 10 YR 4/2              |                                       | SiL        | 2 m gr                | mfr         | as       | 2f-1m | .5                  | .8    |
| Bt1     | 11-15     | 10 YR 4/4              |                                       | CL         | 2 m-co abk            | mfi         | cs       | 2f-1m | .4                  | .6    |
| 2Bt2    | 15-32     | 10 YR 3/4              |                                       | gr CL      | 2 m abk               | mfi         | gw       | 2f-1m | .4                  | .6    |
| 2C      | 32-120    | 10 YR 6/4              |                                       | vgr-cb CoS | 0sg                   | ml          | --       | 1f    | .7                  | 1.6   |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |
|         |           |                        |                                       |            |                       |             |          |       |                     |       |

**4** Boring #  Boring  Pit Ground surface elev. ft. Depth to limiting factor in. Soil Application Rate

| Horizon | Depth in. | Dominant Color Munsell | Redox Description Qu. Sz. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | GPD/ft <sup>2</sup> |       |
|---------|-----------|------------------------|---------------------------------------|---------|-----------------------|-------------|----------|-------|---------------------|-------|
|         |           |                        |                                       |         |                       |             |          |       | Eff#1               | Eff#2 |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |

**5** Boring #  Boring  Pit Ground surface elev. ft. Depth to limiting factor in. Soil Application Rate

| Horizon | Depth in. | Dominant Color Munsell | Redox Description Qu. Sz. Cont. Color | Texture | Structure Gr. Sz. Sh. | Consistence | Boundary | Roots | GPD/ft <sup>2</sup> |       |
|---------|-----------|------------------------|---------------------------------------|---------|-----------------------|-------------|----------|-------|---------------------|-------|
|         |           |                        |                                       |         |                       |             |          |       | Eff#1               | Eff#2 |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |
|         |           |                        |                                       |         |                       |             |          |       |                     |       |

\* Effluent # 1 = BOD<sub>5</sub>>30 ≤ 220 mg/L and TSS > 30 ≤ 150 mg/L      \* Effluent # 2 = BOD<sub>5</sub>≤ 30 mg/L and TSS ≤ 30 mg/L

The Department of Commerce is an equal opportunity service provider and employer. If you need assistance to access services or need material in an alternate format, please contact the department at 608-266-3151 or TTY 608-264-8777.



NORTH  
1" = 50'

# SITE PLAN

## COSGROVE ACRES

LOT ~~17~~ 18

SW 1/4 OF THE NE 1/4, SEC. 31, T. 9 N., R. 19 E.,  
TOWN OF RICHFIELD, WASHINGTON COUNTY,  
WISCONSIN.

PREPARED FOR:  
JBJ DEVELOPMENT  
W178 N9912 RIVERCREST DR.  
GERMANTOWN, WI  
53022

PREPARED BY:  
BAUDHUIN INCORPORATED  
55 S. 3RD AVENUE  
P.O. BOX 105  
STURGEON BAY, WI 54235

SOILS BY: DAVID LABOTT  
DRAWN BY: DAVID LABOTT  
CST, MPRS #71449

# 17 18

1.28 AC B-2 1064.44

55,715 S.F.  
1.28 AC.

B-3  
1063.64

SYSTEM  
AREA

B-1  
1063.83

NOTE:  
BENCHMARKS TO BE SET AND MAPS REVISED  
ONCE THE ROAD IS CONSTRUCTED.