

# NON-METALLIC MINING RECLAMATION PLAN NARRATIVE

Operator: Haas Sons Inc

Owner: Haas Sons Properties LLC

## (1) Initial Site Plan

rev. 2007

### (a.) Initial Site Maps - see attached 24" x 36" map

- |                                       |                             |
|---------------------------------------|-----------------------------|
| 1. Location Map                       | See <u>Appendix D</u>       |
| 2. Topographic Map                    | See <u>Land Map</u>         |
| 3. Property Boundaries                | See <u>Initial site map</u> |
| 4. Roads and Road Labels              | See <u>Initial Site map</u> |
| 5. Road Right-of-way Lines            | See <u>Initial Site map</u> |
| 6. Structures and Structure Labels    | See <u>Initial site map</u> |
| 7. Intermittent and Perennial Streams | See <u>Initial site map</u> |
| 8. Concentrated Flow                  | See <u>Initial site map</u> |
| 9. Wetlands                           | See <u>Initial site map</u> |
| 10. Previous Excavations              | See <u>Initial site map</u> |
| 11. Wells                             | See <u>Initial site map</u> |
| 12. Groundwater Elevation             | See <u>Initial site map</u> |
| 13. Utilities                         | See <u>Initial site map</u> |

### (b.) Supporting Information

1. Landowner: Haas Sons Properties LLC  
Address: 203 E Birch St  
City, State, ZIP: Thorp, WI 54771

Applicant: Haas Sons Inc  
Address: 203 E Birch St  
City, State, ZIP: Thorp, WI 54771

2. Lease: N/A

3. **Legal Description**

Tax Parcel Number(s) : 22810-3521-0000-0000

Described as follows: The N 1/2, NW 1/4 Sec. 35 T28N,  
R10W, Town of Wheaton, Chippewa County

4. **Property Owners Within 660 Feet of Project Site**

Betty Wettstein	Richard Van Gelder	Robert Keller
Lawrence Wendt	Lynn Allen Dillman	Danny + Catherine Holland
Gordon Bergum	Terrance P Bourget	Bruce Bernard

David Veum  
Trustee Veum Trust

Tim  
Batihofer

Rodney Cooke

5. **Soil Information**

A horizon - 4"-6" Black Dirt

B horizon - 6" to 1' clay

(2) **Site Operations Plan**

(a.) **Site Operations Map** - see attached 24" x 36" map

1. **Mine Site Boundary** See Site Operations Map

2. **Separation Boundaries and Separation Dimensions** See ||

3. **Planned Cell Boundaries** See ||

4. **Disturbed Areas** See ||

5. **Processing Facilities** ~~See~~ portable crushing plant

6. **Dewatering Systems** ~~See~~ None

7. Arrows Showing Surface Runoff Flow

See None Internally Drained

8. Screening Measures

See Site operations map

9. Roads, Culverts, and Points of Public Road Access

See ''

10. Practices to Limit Erosion and Sediment Delivery

See ''

(b.) Description of Site Operations

1. Description of Materials to be Extracted

Rock and Sand

2. Extraction and Processing to be Conducted at the Site

material will be loaded from front end loaders to crushing plant. Once processed, the material will piled and later loaded into trucks and hauled away.

3. Volumes of Materials

(Estimated Cubic Yards of Raw Material)

Cell	Area (acre), includes berms	During 1 <sup>st</sup> two years	During Full Life of Operation
1	40	250,000 yds <sup>3</sup>	960,000 yds <sup>3</sup>
2	35	0	1120,000 yds <sup>3</sup>
3	20	0	640,000 yds <sup>3</sup>

(Continued on next page)

6. **Erosion Control & Permits**

Erosion control will be implementing silt fence where needed along banks, seeding all restored slopes and drainageways, also applying silt fence to drainageways if necessary.

7. **Reclamation Activities During Operations**

Reclamation will take place as we mine through cells 1, 2, and 3. we will Reclaim boundaries as we mine past them. To limit disturbed Areas, we will mine approx 10 Acres at a time.

8. Timetable/Sequence of Operations (continued from previous page)

Location	Activity
Cell 1	We will not be going to the north in cell 1 until we remove all of Cell 2 and the east side of 1.

cell 2	We will restore cell 2 as we are going into the rest of cell 1 to the north.
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cell 3	Will be the last cell opened and restored when we are done mining.
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**9. Timetable**

Estimated period of operation/extraction for each cell:

Cell <u>1</u>	<u>5</u> years
Cell <u>2</u>	<u>10</u> years
Cell <u>3</u>	<u>10</u> years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Total ----->	<u>35</u> years

**(3) Final Site Plan**

(a.) **Final Site Maps** - see attached 24" x 36" map

1. **Final Depths, Final Slope Angles, and Slope Stabilization Measures**

See Final Site Map

2. **Areas which Convey Concentrated Flow**

See 11

3. **Locations of Facilities or Structures to Remain in Place**

No Structures remaining



**9. Timetable**

Estimated period of operation/extraction for each cell:

Cell <u>1</u>	<u>5</u> years
Cell <u>2</u>	<u>10</u> years
Cell <u>3</u>	<u>10</u> years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
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4. **Planned Development Features on the Site Following Closure**

Site will become farmland or pasture

5. **Cross Sections Through the Site**

See Appendix B

(b.) **Description of Final Reclamation**

1. **Disposition of Structures and Roads**

There will be no structures on site, there will be 2 access roads to site. One road from the north and one from the west

2. **Soil Reapplication**

Topsoil will be applied to all slopes, which will be 3:1 or greater, and to the pit floor approx 4" to 6" thick. All banks and floors will be seeded if not done previously during site operations.

3. **Seeding Plan**

See Appendix C

4. **Future Use**

land will become flat farmland or pasture.  
may be divided into lots for sale.

**Attachments**

APPENDIX A: Stormwater runoff permit

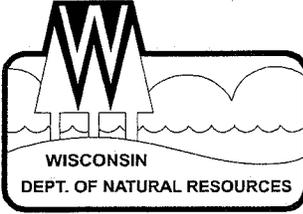
APPENDIX B: Cross section

APPENDIX C: Seeding plan

APPENDIX D: location map

## **Appendix A**

### **Stormwater runoff permit**



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Scott McCallum, Governor  
Darrell Bazzell, Secretary  
Scott A. Humrickhouse, Regional  
Director

West Central Region Headquarters  
1300 W. Clairemont Ave.  
P.O. Box 4001  
Eau Claire, WI 54702-4001  
Telephone (715) 839-3700  
FAX (715) 839-6076  
TDD (715) 839-2786

April 04, 2002

IN REPLY REFER TO SITE NUMBER : 21278

Philip Haas  
HAAS SONS, INC - VEUM PIT  
203 E. Birch St.  
Thorp, WI 54771

Subject: WPDES Nonmetallic Mining Operations Permit No. WI-0046515-3  
for  
Facility : HAAS SONS, INC - VEUM PIT  
Location : T28N R10W Sec 35 NW  
WHEATON, WI

Dear Permittee :

Pollutants carried in wastewater and storm water from industrial sites have the potential to degrade water quality in Wisconsin watersheds. Because of this problem, state and federal laws require that certain industrial wastewater and stormwater dischargers obtain coverage under a water pollution discharge permit. Under the authority of the Federal 40 CFR Part 122, Wisconsin Statutes Chapter 293, and Wisconsin Administrative Code Chapter NR 216, the Wisconsin Department of Natural Resources has developed a generalized discharge permit to control and reduce pollutants in process wastewaters and stormwaters from nonmetallic mining operations. The permit limitations, conditions and requirements are designed to insure that nonmetallic mining operations are able to discharge water so that the quality of surface waters, wetlands and ground water will be protected.

The Department of Natural Resources (the Department) has evaluated the Notice of Intent that you have submitted and has determined that your discharges will be regulated in accordance with the Nonmetallic Mining Operations general permit No. WI-0046515-3. All wastewater and storm water discharges at your facility must comply with the terms and conditions of the attached general permit. It is important that you read and understand the terms and conditions of this permit because it is enforceable under both state and federal law. The Department will assess you an annual fee for holding this permit, in accordance with Chapter 283, Wis. Statutes.

Your **Start Date** for coverage under this permit is **April 05, 2002**. Your schedule for meeting many of the stormwater requirements under this permit is based on this Start Date. If your site is externally drained, you may be required to submit certification that you have developed a Storm Water Pollution Prevention Plan. The schedule for any other actions that you must take is identified in your permit.

Storm water control requirements for externally drained facilities include: developing & implementing a Storm Water Pollution Prevention Plan, Physical controls (outlined in the *Wisconsin Construction Site Best Management Handbook*-order form enclosed), and Quarterly Inspections. The first quarterly inspection shall

be conducted within 24 months of your **Start Date** of coverage under this general permit. **Refer to sections F, G and H of the permit for specific storm water control requirements.**

**Refer to sections C and D** for the monitoring requirements and effluent limitations for the following types of process wastewater discharges: pit dewatering water, wash water, contact and non-contact cooling water, dust suppression water, and other process wastewaters. Sampling may be required on a quarterly basis and shall be representative of the discharge. Discharge Monitoring Report forms for reporting the sample results for the previous calendar year's activities are included in this permit packet. The annual monitoring reports are due by **February 15<sup>th</sup>** of each year and are to be submitted to:

Steve Thon  
Department of Natural Resources  
1300 W. Clairemont Avenue  
PO Box 4001  
Eau Claire, WI 54702

Please contact Steve Thon at 715-839-3776 with specific questions about the process wastewater component of the permit. **If you have no process wastewaters regulated under sections C or D of the permit, submittals of your annual monitoring reports are not required.**

Section 283.35, Stats., authorizes the Department to issue a general permit for discharges from categories or classes of point sources. The Department may withdraw a facility from coverage under a general permit if it is determined that a discharge is a significant contributor of pollutants to waters of Wisconsin, if the source is not in compliance with the permit terms and conditions, if you request it, or in certain other cases set out in s. 283.35, Wis. Stats. In lieu of general permit withdrawal, the Department may refer any violation of WPDES Permit No. WI-0046515-3 to the Department of Justice for enforcement under s. 283.89, Statutes. In order to remain in compliance and avoid any enforcement action, **please read your permit carefully.**

If you believe coverage of this facility under WPDES Permit No. WI-0046515-3 is not appropriate, you may petition the Department for withdrawal of coverage and, where appropriate, apply for issuance of an individual WPDES permit pursuant to section 283.35(2). Issuance of such an individual permit will provide for a public comment period, and potentially a public informational hearing and/or an adjudicatory hearing.

Alternatively, you may request judicial or administrative review of the Department's decision to cover your discharge under the enclosed general permit. Either request must be submitted no later than 30 days after this letter was mailed. To request judicial review of this decision pursuant to sections 227.52 and 227.53, Wis. Stats., a petition naming the Department of Natural Resources as respondent must be filed with the appropriate circuit court and served on the Department. To request a contested case hearing on this decision pursuant to section 227.42, Wis. Stats., a petition for hearing must be served on the Secretary of the Department of Natural Resources. This notice is provided pursuant to s. 227.48(2), Wis. Stats.

Unless otherwise notified, all information that you submit to the Department in fulfillment of your permit requirements should be mailed to the following address:

Wisconsin Department of Natural Resources  
West Central Region  
Storm Water Management Specialist  
5301 Rib Mountain Road  
Wausau, WI 54401-7562

If you do not understand any portion of this permit or have questions about your reporting requirements, please do not hesitate to call Brad Johnson at (715) 359-2872.

Sincerely,

A handwritten signature in black ink, appearing to read "Brad Johnson", with a long horizontal flourish extending to the right.

Brad Johnson  
Storm Water Management Specialist  
West Central Region

Enc: WPDES Permit No. WI-0046515-3  
Briefing Memo  
DMR Forms  
Storm Water Publications Order Form

## **Appendix B**

### **Cross Section**

Cross section



50' setback from boundary

Slope = 3:1

Final elevation approx. 920

Floors will be seeded

## **Appendix C**

### **Seeding plan**

TABLE OF SEED MIXTURES

Species	Purity Min. %	Germination Min %	Mixture Proportions, Percent						
			No. 10	No. 20	No. 30	No. 40	No. 50	No. 60	No. 70
Kentucky Bluegrass	85	80	40	5	10	35			
Creeping Red Fescue	97	85	25		30	15			
Improved Hard Fescue	97	85		20		15			15
Improved Turf Type Tall Fescue	98	85		35	25				35
Fults Salt Grass	98	85			10				
Redtop	92	85	5					9	
Timothy	98	90						5	
Barnyard Grass	97	85						2	
Little Bluestem	PLS*								4
Prairie Dropseed	PLS*								0.5
Sideoats Grama	PLS*								4.5
Switchgrass	PLS*							2.5	
Bluejoint Grass (Calamagrostis Canadensis)	PLS*							0.5	
Canada Wild Rye	PLS*							2	3
Perennial Ryegrass	97	90	20	25					28
Improved Fine Perennial Ryegrass	96	85			15	25			
Annual Ryegrass	97	90						72	
Alsike Clover	97	90						5	
Red Clover	98	90						2	
White Clover	95	90	10			10			
Empire Birdsfoot Trefoil	95	80		15	10		50		10
Crownvetch	95	70					50		

\*Pure Live Seed. These grasses shall contain no improved varieties.

**630.2.1.5.1.2 Mixture to be Used.** The selection of the seed mixture or mixtures for use on the project shall meet with the approval of the engineer, and unless otherwise provided in the contract, shall be in accordance with the following:

Seed Mixture No. 10 is intended for use on projects where average loam, heavy clay or moist soils predominate.

Seed Mixture No. 20 is intended for use on projects where light, dry, well-drained, sandy or gravelly soils predominate and shall be used for all high cut and fill slopes (generally exceeding six to eight feet), except where No. 70 is used.

Seed Mixture No. 10 or No. 20 shall be used on all ditches, inslopes, median areas and low fills, except where Seed Mixture No. 30 or No. 70 is used.

Seed Mixture No. 30 is intended for use on medians and on slopes or ditches generally within 15 feet of the shoulder where a salt-tolerant turf is desired.

Seed Mixture No. 40 shall be used in urban or other areas where a lawn type turf is desired.

630.3.3.4.1

Seed Mixture No. 50 may be applied together with Seed Mixture No. 20 or be overseeded when necessary.

Seeding shall be done with the selected seed mixture sown at the specified rate.

**630.3.2 Preparation of Seed Bed.** Grading, shouldering, topsoiling and fertilizing items, when part of the work under the contract, shall be completed before permanent seeding, except that when equipment designed for the purpose is used, the fertilizer and seed mixture may be placed in one operation.

The area to be seeded shall be worked with discs, harrows or other appropriate equipment until a reasonably even and loose seed bed is obtained immediately in advance of the seeding.

**630.3.3 Sowing.** Unless otherwise specified, seeds may be sown at the option of the contractor, by either Method A or Method B described below.

**630.3.3.1 Method A.** The selected seed mixture shall be sown by means of equipment adapted to the purpose, or it may be scattered uniformly over the areas to be seeded, and lightly raked or dragged to cover the seed with approximately one-fourth inch of soil. After seeding, the areas shall be lightly rolled or compacted by means of suitable equipment, preferably of the cultipacker type when in the judgement of the engineer the seed-bed is either too loose or contains clods which would reduce the germination of the seed. Slopes steeper than three to one need not be rolled.

Scattering seed by hand shall be done only with satisfactory hand seeders and only at such times when the air is sufficiently quiet to prevent seeds from blowing away.

**630.3.3.2 Method B.** Upon the prepared seed bed, the seed shall be sown or spread by means of a stream or spray of water under pressure operated from an approved type of machine designed for that purpose. The selected seed mixture and water shall be placed into a tank, provided within the machine, in sufficient quantities that when the contents of the tank are sprayed on a given area the seed will be uniformly spread at the required rate of application. During the process the contents of the tank shall be kept stirred or agitated to provide uniform distribution of the seed. The contents of the tank shall be emptied within two hours after the seed is added to the tank. Seed which is allowed to remain mixed with the water for longer than two hours shall be rejected. Dragging or rolling will not be required.

**630.3.3.3 Borrow Pits and Waste Areas.** Borrow pits, and waste areas off the right-of-way, shall be seeded with the selected seed mixture permitted in Subsection 630.2.1.5.2.1. Selection of such seed mixture shall be made in consultation with the landowner or his agent. In the event the landowner does not want the pit or waste area seeded or seeded with any of the permitted mixtures, no payment will be made for fertilization or seeding of such areas.

**630.3.3.4 Seeding Rates.**

**630.3.3.4.1 Right-of-Way.** The sowing rate for seeds, in pounds per 1000 square feet of area, shall be as follows:

- Seed Mixture No. 10 at 1-1/2 pounds
- Seed Mixture No. 20 at 3 pounds
- Seed Mixture No. 30 at 2 pounds
- Seed Mixture No. 40 at 2 pounds
- Seed Mixture No. 50 at 1/2 pound
- Seed Mixture No. 60 at 1-1/2 pounds (equivalent)
- Seed Mixture No. 70 at 3 pounds (equivalent)
- Seeding, Temporary at 3 pounds

## **Appendix D**

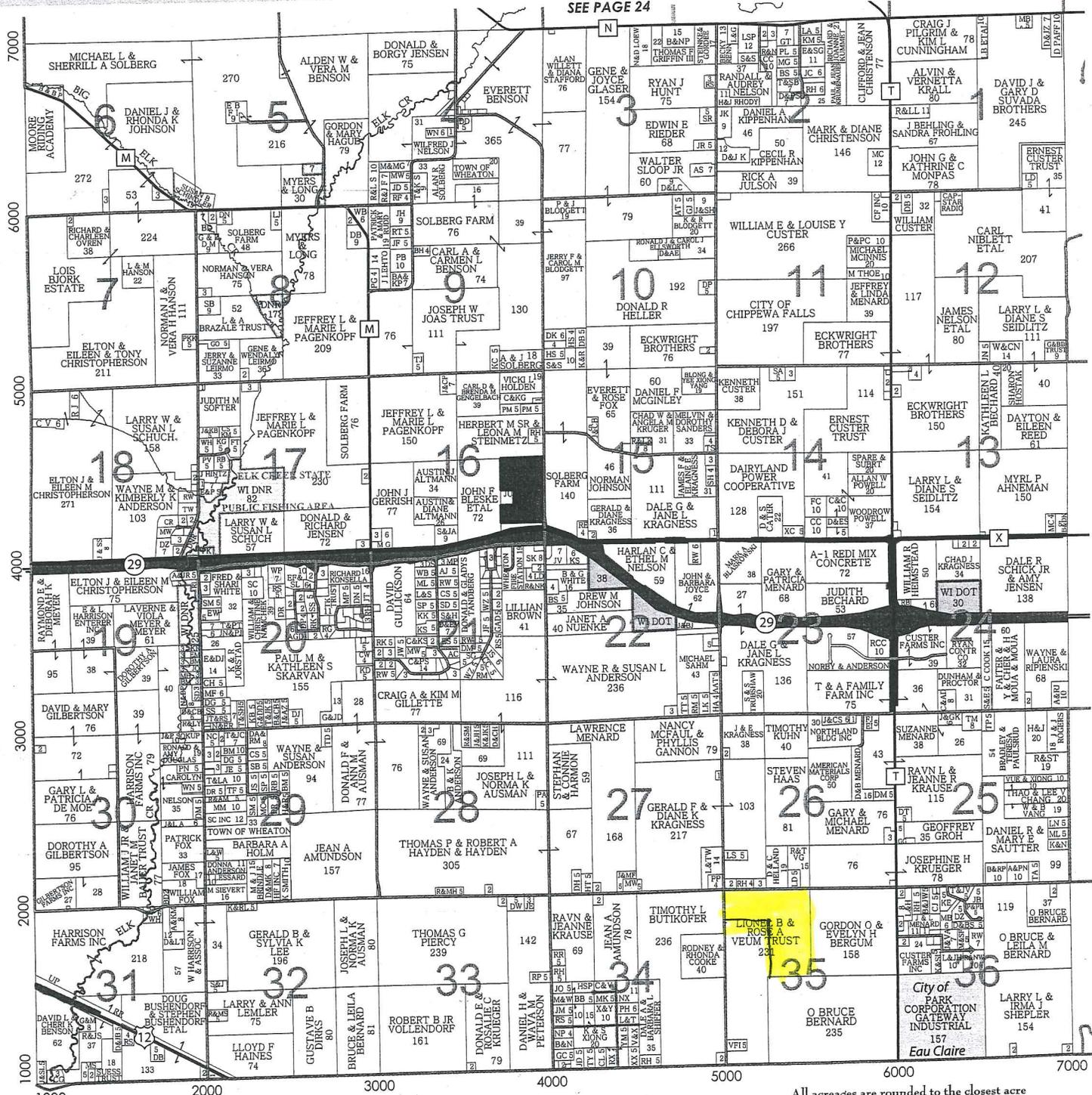
### **Location Map**

# WHEATON (W)

# T28N R10W



SEE PAGE 24



SEE PAGE 14

EAU CLAIRE COUNTY

All acreages are rounded to the closest acre and do not include land in roadways.

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## SLEEP INN & SUITES

### Conference Center

Corner of State Highway 29 and County T



- Conference Center for 400 People 715-723-2828 Or
- Indoor Pool 1-800-828-9395

# Ken Olson

## WELL DRILLING & PUMP SERVICE, INC.