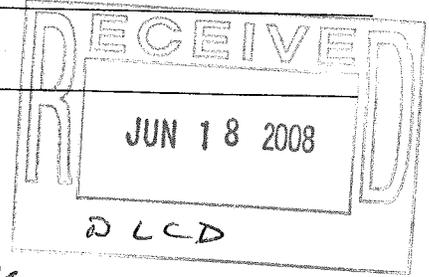


NR135
NON-METALLIC MINING RECLAMATION PLAN NARRATIVE

Operator: Haas Sons Inc

Owner: Joe Hilger



(1) Initial Site Plan

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

- | | |
|---------------------------------------|-----------------------------|
| 1. Location Map | See <u>Platbook map</u> |
| 2. Topographic Map | See <u>Initial site 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>None</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: Joseph Hilger
Address: 22021 175th st.
City, State, ZIP: Cornell, WI 54732

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

2. Lease: See appendix E: lease

3. **Legal Description**

Tax Parcel Number(s): See Attachment Appendix E

Described as follows: See Attachment Appendix E

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

Arthur Overguard Division of Mathy Construction	Hurt trust	Roderic + Phyllis Hurt
Hilger farms	Michael and Patricia LaGesse	Stetter Inc
Delmar and Beverly Blank		

5. **Soil Information**

A horizon - 6-8" Black dirt or Topsoil per backhoe test pits

B horizon - Approx. 1-2' 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 Site Operations Map
- 3. **Planned Cell Boundaries** See Site Operations Map
- 4. **Disturbed Areas** See Site operations Map
- 5. **Processing Facilities** Portable crushing Plant
- 6. **Dewatering Systems** Internally drained, No dewatering

- 7. Arrows Showing Surface Runoff Flow
- 8. Screening Measures
- 9. Roads, Culverts, and Points of Public Road Access
- 10. Practices to Limit Erosion and Sediment Delivery

Internally Drained, No Runoff
strippings piles and topsoil piles
 See Site operations map
 See Site operations map
rounded slopes, seeding as needed

(b.) Description of Site Operations

1. Description of Materials to be Extracted

Sand and Rock

2. Extraction and Processing to be Conducted at the Site

Gravel will be removed with wheel loaders, and processed with a portable crushing plant. All material will be piled on site to be hauled away.
also maybe used for wash plant, portable asphalt plant, portable concrete plant, and crushing of recycled blacktop & concrete.

3. Volumes of Materials

(Estimated Cubic Yards of Raw Material)

Cell	Area (acre), includes berms	During 1 st two years	During Full Life of Operation
1	17	Approx 80,000	476,000
2	10	0	280,000
3	10	0	280,000

(Continued on next page)

3. Volumes of Materials (continued from previous page)
 (Estimated Cubic Yards of Raw Material)

Cell	Area (acre), includes berms	During 1 st two years	During Full Life of Operation
Total	37	80,000	1,036,000

4. Site Dewatering and Effluent Discharge

Site will be internally drained therefore, there will be no Dewatering

5. Stormwater Permits/Management

See Appendix A

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.

If we donot get berms seeded within 2 weeks of building them we will put silt fence along bottom of slopes of berms.

7. Reclamation Activities During Operations

After an Area is mined, and all materials have been extracted, we will try to slope and restore as much area as possible during operations. Also we will be stripping only 5-10 acres at a time, to limit disturbed areas. Each cell will be mined above water and then if necessary, mined below water. After cell has been totally mined; Reclamation will start taking place. Final Slopes and water depths, if any, will vary.

no topsoil will be sold until we start digging into water table with agreement between H&S and CCLed.

8. Timetable/Sequence of Operations

Location Activity

Cell 1 Crushing will start from the pit road to cell 1 boundary and go west to western boundary.

Then crushing/mining will start from pit Road and cell 1 boundary and move to eastern boundary.

Once Eastern boundary is reached, we will dig down, below water table to create ponds. While ponds are created, Eastern Boundary of cell 1 will be restored (slopes)

cell 2 Cell 2 will be mined from North to South, mining entire cell above water table.

Then east 1/2 of cell 2 will be removed below water table, to create ponds, then Restored on east slope.

Cell 3 Same as cell 2. Once cell 3 is mined, entire cell will be mined below water to create ponds cell 3 will then be restored.

Note:

~~If we decide to mine below the water table, we will mine through all 3 cells and mine Cell 3 in 1/2's from south to North, we will do the same with cells 2 and 1. In that event, we will restore all areas that have been mined starting with the Southern slope of cell 3 and moving North.~~

(Continued on next page)

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

Location Activity

Cell 2 after cell 3 is completely mined & restored, we will mine remaining portion of cell 2 below water table to create ponds and then restore.

Cell 1 Same as cell 2 below water table

9. Timetable

Estimated period of operation/extraction for each cell:

Cell <u>1</u>	<u>10</u> years
Cell <u>2</u>	<u>5</u> years
Cell <u>3</u>	<u>5</u> years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Cell _____	_____ years
Total ----->	<u>20</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 Final site map

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

See No structures will remain, only a pit access road.

4. **Planned Development Features on the Site Following Closure**

See Site will become a lake

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 this site. There
will only be one pit access road as shown on
final site map.

2. **Soil Reapplication**

topsoil will be applied to all slopes, and pit floors
in areas that are not a pond. When applied,
topsoil will be 4" to 6" thick. All banks and floors
will be seeded if not done already during site operations.
When floor becomes a pond, there will be no topsoil or
seed applied to floor.

3. **Seeding Plan**

See Appendix

Seeding will be done according to Section
630 and fertilizer according to section 629 in
the Standards specs. Book for Roads and bridges.

4. Future Use

Site may be used as recreation
with a pond.

Safety - The slopes around the pond will be
3:1 slopes into the water as not to create
a sudden drop from Bank.

Attachments

APPENDIX A: ~~the~~ Stormwater permits

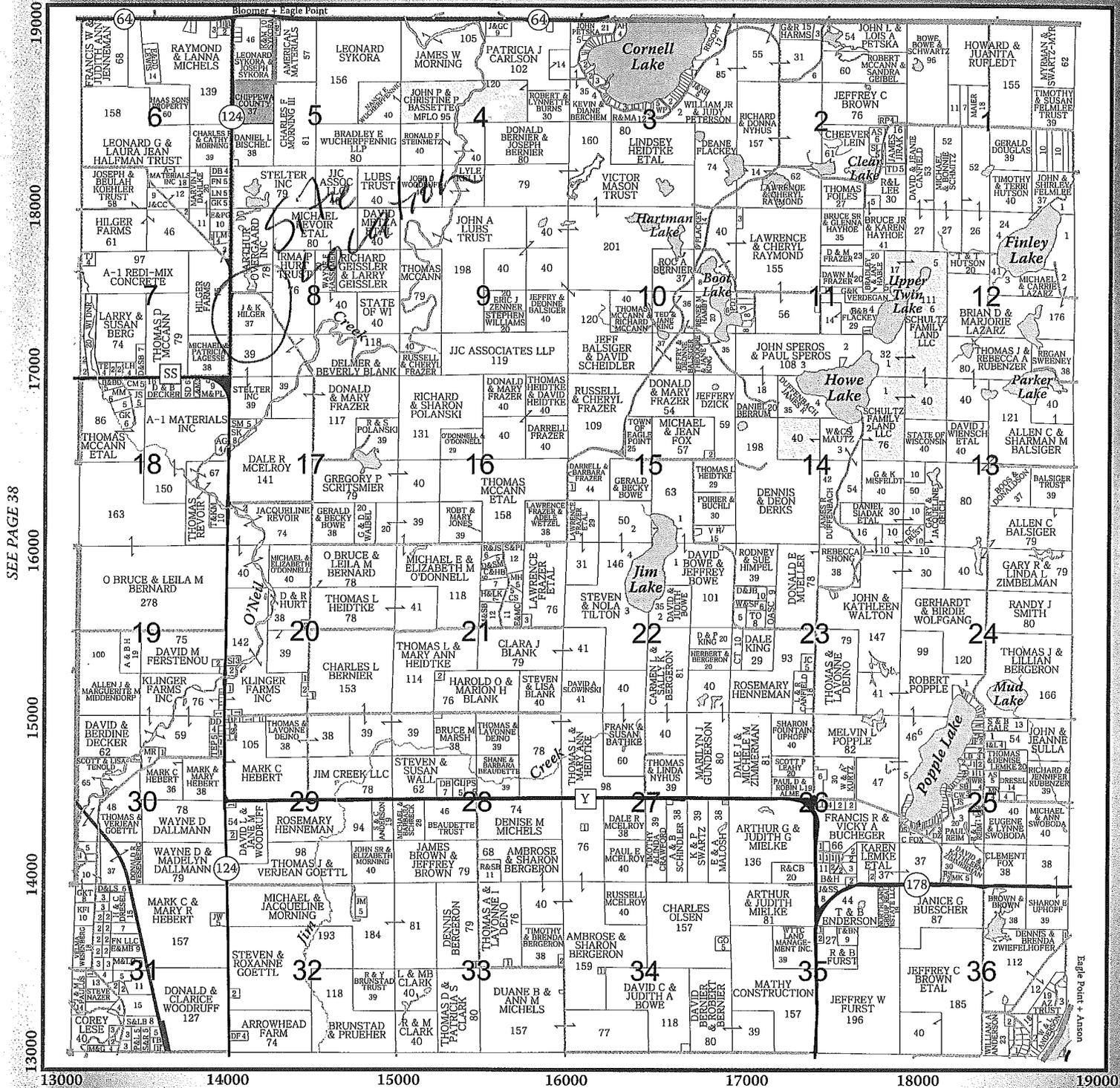
APPENDIX B: cross section
omited

APPENDIX C: ~~...~~

APPENDIX D: Seeding plan

Appendix E: mineral lease

SEE PAGE 52



SEE PAGE 42

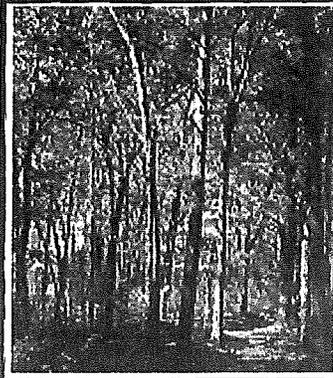
SEE PAGE 38

SEE PAGE 28

© 2008 Chippewa County, Wisconsin All mapping is for reference only and is not intended, or to be used for any legal purposes. See pages 3 & 115.

WISCONSIN FOREST CROP LAND / MANAGED FOREST LAND

Ownership and participation of privately-owned lands designated FCL (Forest Crop Land) or MFL (Managed Forest Land) are constantly changing. It is recommended potential users of these lands contact the landowner or the Department of Natural Resources, as to the current status and use of these lands. Wisconsin Statute 77 details the allowable uses and access.



Appendix A

Stormwater runoff permit

As authorized in NR 216.26, Wi. Adm. Code, the Department of Natural Resources (the Department) will use the information requested on this form to determine if process wastewater and/or stormwater discharges from nonmetallic mining operations are eligible for coverage under the Wisconsin Pollutant Discharge Elimination System (WPDES) generalized permit No. WI-0046515-4. Submittal of a completed form to the Department is mandatory for any owner or operator of a nonmetallic mining operation that must apply for a permit in accordance with 40 CFR Part 122 or Chapter 283, Wi. Statutes. Discharge of wastewater from a nonmetallic mining operation which has not obtained coverage under the nonmetallic mining general permit or other applicable WPDES permit may result in forfeitures up to \$10,000 per day, pursuant to s. 283.91, Stats. Personal identification information requested on this form may be used for other water quality program purposes.

Enter N/A for questions not applicable to your operation.

Section I: Parent Company/Owner Information - To be completed by all dischargers

Company/Owner Name
 Contact Name: Haas Last: Phillip First: E MI: E Title: V Pres.
 Street Address: 203 E Birch St City: Thorp State: WI Zip Code: 54771
 Phone Number: (715) 669-5469 Fax Number: (715) 669- E-mail address (if available):

1. What are the Standard Industrial Classification (SIC) codes for your company's nonmetallic mining operations?

- 1410 Dimension Stone 1420 Crushed and Broken Stone 1440 Sand and Gravel
 1450 Clay, Ceramic & Refractory 1470 Chemicals & Fertilizers 1480 Nonmetallic Mineral Services

Others?

2. Has your company been issued any other wastewater (WPDES) permits that authorize the discharge of other wastewaters (such as from asphalt or concrete operations) to Wisconsin surface or underground waters?

- Yes List the site names and WPDES permit numbers:
 No

3. To the best of your knowledge, do any of your operations have process wastewater (from aggregate washing, pit dewatering, stack scrubbing, boiler blowdown, etc.) that contains any of the substances listed below? _____ Do any of your sites have stormwater that comes in direct contact with any of the substances listed below? _____ Check all the substances that apply.

- | | | |
|---|---|--|
| <input type="checkbox"/> 4,4'-DDD | <input type="checkbox"/> 4,4'-DDE | <input type="checkbox"/> 4,4'-DDT |
| <input type="checkbox"/> alpha - BHC | <input type="checkbox"/> Dieldrin | <input type="checkbox"/> Chlordane |
| <input type="checkbox"/> Mercury | <input type="checkbox"/> Mirex | <input type="checkbox"/> Octachlorostyrene |
| <input type="checkbox"/> Photomirex | <input type="checkbox"/> PCB | <input type="checkbox"/> Pentachlorobenzene |
| <input type="checkbox"/> 1,2,3,4-Tetrachlorobenzene | <input type="checkbox"/> 1,2,4,5-Tetrachlorobenzene | <input type="checkbox"/> 2,3,7,8-Tetrachlorodibenzo-p-dioxin |
| <input type="checkbox"/> Toxaphene | <input type="checkbox"/> gamma - BHC (Lindane) | <input type="checkbox"/> tech. - BHC |
| <input type="checkbox"/> Hexachlorobenzene | <input type="checkbox"/> Hexachlorobutadiene | |
| <input type="checkbox"/> Other substances that are known to be harmful to human health or aquatic life (such as solvents or dissolved metals) | | |

If you answered yes to either question above, and any of the above substances are checked, you may be required to segregate that wastewater and not discharge it to waters of the state. If you wish to pursue obtaining a permit to discharge wastewater containing these chemicals, indicate that you want the Department to send an application for a site specific WPDES discharge permit by checking here .

Check here if none of the above substances are expected to be in the discharge.

4. To the best of your knowledge, have any leaks, spills, overflows or similar instances resulted in contamination of stormwater runoff from any of your nonmetallic mining operations in the last three years?

- Yes List the site names and actions taken to prevent future problems, (attach additional sheets if necessary).
 No

Section II: Site/Property Information - To be completed for coverage of individual mine sites. Make copies of this section or use a table format to apply for more than one mining site. (Go to Section III to apply for a mobile equipment operation whose sites are not known at this time)

Site/Property Name Hilger pit						Site/Property Identification # [FID] (if known)	
Contact Name Last Haas		First Philip		MI E	Title V. Pres		
Street Address 203 E Birch St				City Thorp	State WI	Zip Code 54771	
Property location: County Chippewa	Township 30 N	Range 8	Section 8	Quarter SW	Qtr/Qtr SW	Lat/Long-GPS Coordinates (if known)	
Phone Number 715-669-5469		Fax Number		E-mail address (if available)			

Attach a site map, such as an air photo, USGS topographic map or survey map, showing the mining site location, the nearest public roadway and surface water resources within 1000 feet. Wastewater treatment, seepage and discharge points should also be shown.

- What is the flow pattern of stormwater run-off at the site?
 - Externally Drained - some or all of the stormwater that contacts mining areas, processing areas or mining materials runs beyond the site property boundary. External drainage includes ponds or drainage channels that can overflow to areas outside of the mining site property boundaries.
 - Internally Drained - no off site discharge. All stormwater that contacts mining areas, processing areas or mining materials is directed to onsite seepage areas or ponds that are entirely confined and the water is completely retained within the property boundaries of the site.
 - Internally Drained with discharge to on site natural wetlands.

<ol style="list-style-type: none"> Briefly describe the industrial activity at this site. What Standard Industrial Classification (SIC) code would the operation be included under? Are there any adjacent mining, concrete or asphalt operations? crushing and screening of sand and gravel 	<p>For Department Use Only</p> <input type="checkbox"/> G. P. Coverage <input type="checkbox"/> Individual Permit <input type="checkbox"/> NPR
<ol style="list-style-type: none"> Is this site to be "permitted" for the discharge of process wastewaters to onsite seepage areas, to off-site seepage areas or to off-site surface waters? <input type="checkbox"/> Yes, and section IV has been used to describe the process wastewater discharges <input checked="" type="checkbox"/> No 	
<ol style="list-style-type: none"> Check here <input type="checkbox"/>, if ALL of the site's process wastewater and stormwater goes to a municipal or sewerage district treatment plant that has its own WPDES discharge permit. Such a mining site does not need an additional WPDES permit. If future operations at this site result in a direct discharge to waters of Wisconsin, you will need to inform the Dept. 	

Section III: Mobile Unit Information - To be completed for coverage of a machinery group or "spread" that operates at a number of sites. This section may be copied for describing multiple machinery groupings. Also, complete property descriptions (using section II, above) for any known or expected operating sites, so that discharge permit eligibility can be established prior to the start of operations.

Mobile Unit Operator Name/Contact Haas Philip E V Pres					
Facility Identifier (FID) # (if known)		Anticipated Sites for Mobile Unit Operation [attach additional sheets if necessary and check here <input type="checkbox"/>			
Phone Number 715-669-5469		Mobile Phone Number 715-829-8922		E-mail address (if available)	
Number of Wash plants			Number of Crushing plants 1		

Section IV: Mining Process Wastewater Information – To be completed for sites or equipment that discharge wastewater generated during the process of mining. (This section may be copied for multiple sites or machinery groupings)

1. Indicate the receiving waters for the process wastewater discharges. Check all that apply. (NOTE: Part 3, below, describes types of process wastewater. An outfall is a seepage area or an individual discharge point, such as a seepage pond bottom, or a sewer pipe, channel, or ditch that conveys the wastewater to underground waters or surface waters).

- Onsite Groundwater** (this includes infiltration of wastewater through the soil via seepage ponds, septic systems and associated drain fields, ditches, trenches, etc. within the property boundaries of the site).
 - a. Outfall #(s):
- Off Site Drainage Ditches and Surface Water Resources** (this includes drainage ways, tributaries, wetlands, creeks, streams, rivers or lakes):
 - a. Outfall #(s):
 - b. How far is it from the discharge point to a surface water resource (i.e. distance traveled through storm sewers or drainage ditches)? Less than 1000 feet Between 1000 and 5000 feet Greater than 5000 feet
 - c. What is the first named surface water the discharge enters?
 - d. If the discharge is to a wetland indicate whether it is believed to be natural or artificial
- Municipal or Sewage District Treatment Plant – Outfall #(s):**
These discharges would travel in a sanitary sewer to an off-site treatment facility that has its own WPDES permit.

For Department Use Only

- Eligible
- Ineligible
 - ERW
 - ORW
- NR 103 Completed
- NPR
- Additive follow-up necessary:
 - Yes
 - No

2. Are water treatment or conditioning additives used in waste streams that are discharged to surface waters or seeped into groundwaters?
- No No water treatment additives (such as, separation aids, boiler treatments, scale/rust inhibitors, biocides, chlorine, etc.) are used.
 - Yes Additives are used and described in Appendix A. Are any of the additives considered a biocide? No Yes (Biocides are designed to control biological growth, such as algae, in tanks, cooling towers, and other equipment)?

3. List the Process Wastewater Types and Flows. Common types of mining process wastewaters are listed below. "Other" process wastewater types could be softener regeneration wastewater, scrubber water or wastewater from internal building floor drains. Dust suppression water may be omitted if there is no runoff. Outfalls described below should be located on the site map requested in Section II, page 2.

Type of Wastewater (check all that apply):	Outfall # (#1, #2, etc.)	Average Daily Flow (gallons per day)	Type of Wastewater (check all that apply):	Outfall # (#1, #2, etc.)	Average Daily Flow (gallons per day)
<input type="checkbox"/> Washwater Associated with Material Processing	#		<input type="checkbox"/> Sanitary wastewater from toilets, sinks, etc. <i>If the sanitary wastewaters are not mixed with the mining process water, write the type of sanitary waste treatment system in the daily flow column in place of a flow estimate.</i>	#	
	#			#	
	#			#	
<input type="checkbox"/> Pit Dewatering	#		<input type="checkbox"/> Other (describe type)	#	
	#			#	
	#			#	
<input type="checkbox"/> Noncontact Cooling Water, Condensate or Boiler Water	#		<input type="checkbox"/> Other (describe type)	#	
	#			#	
	#			#	
<input type="checkbox"/> Vehicle or Equipment Washwater	#		<input type="checkbox"/> Other (describe type)	#	
	#			#	
	#			#	

Section V: Signatory Requirements

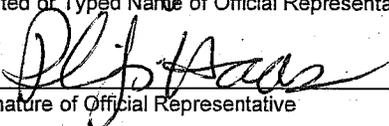
Information about the person completing this form:

Name, Last Haas	First Philip	MI E	
Street Address 203 E Birch St	City Thorp	State WI	Zip Code 54771
Phone Number 669-5469	Fax Number	Email Address (if available)	
Title of the person completing the form. V. Pres.			

Check here if you should receive Discharge Monitoring Reports (DMR's) for annual reporting of discharge test results.

Official Representative's Signature. This form must be signed by the official representative of the permitted facility who is: the proprietor for a sole proprietorship; a general partner for a partnership; a principal executive officer, ranking elected official or other duly authorized representative for a unit of government; a member or manager for a limited liability company; or, for a corporation, an executive officer of at least the level of vice president, or by the executive officer's authorized representative having overall responsibility for the operation of the facility. If this form is not signed below, or is found to be incomplete, it will be returned.

I certify that I am familiar with the information contained in this application and that to the best of my knowledge and belief such information is true, complete and accurate.

Philip Haas	V. Pres.
Printed or Typed Name of Official Representative	Title
	5-16-08
Signature of Official Representative	Date

MAIL COMPLETED APPLICATION TO:

Insert Regional Department Address Here

**For Department
Use Only**

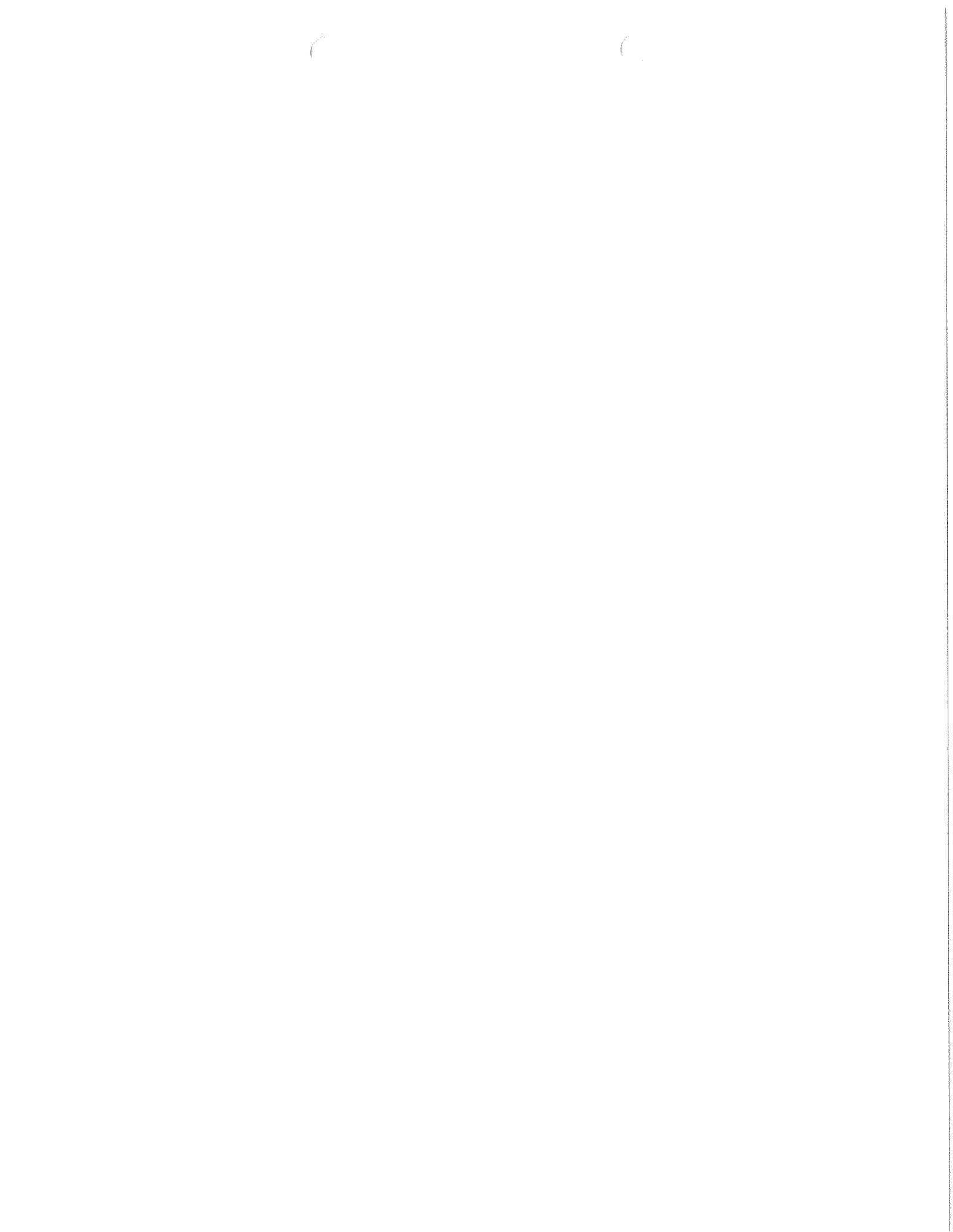
Date Application Received:

Status: Denied
 Approved
 Specific permit

Date:
SWPPP Required - Yes No
Site Number or FIN:

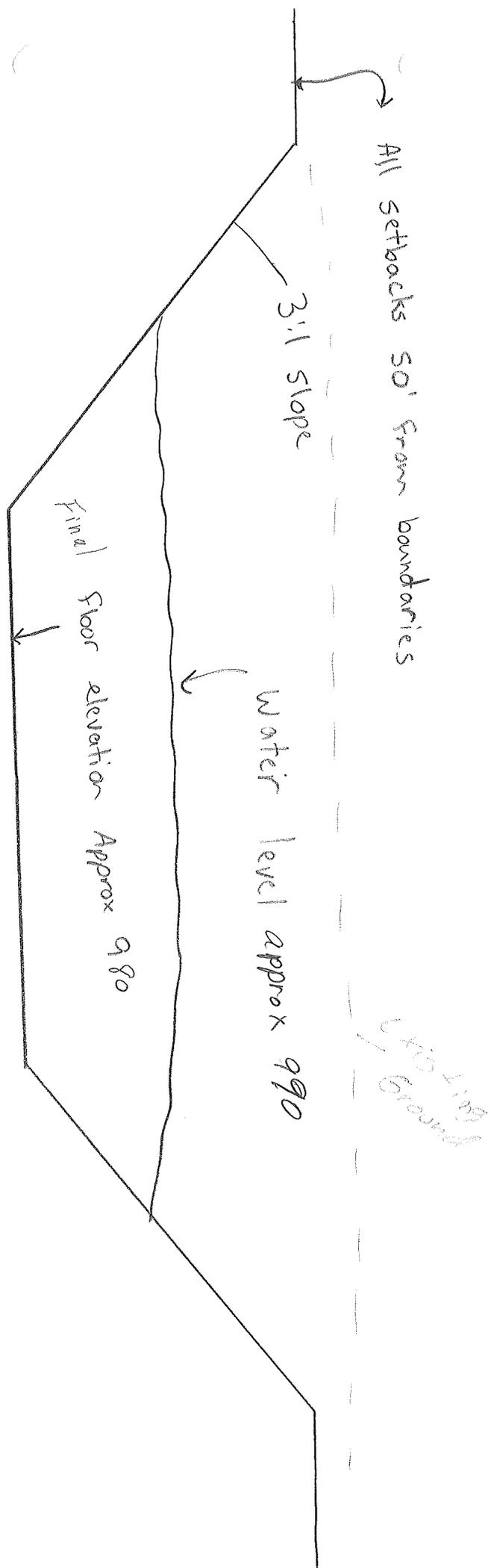
AFSCI Frequency - Annual 1 per 3 years
Contaminant Control System Insp. - 1/ly 1 per 3 years
Visual Runoff Quality Check - 1/ly 1 per 3 years

Comments:



Appendix B

Cross Section.



* all slopes will be seeded

Appendix D

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.

630.2.1.5.1.1.2 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 seedbed 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 E

Mineral Lease

MINERAL LEASE AGREEMENT

THIS MINERAL LEASE AGREEMENT ("Lease") is made effective as of the 23 day of April, 2008, by and between Joe Hilger and Kathy Hilger, husband and wife, 22021 175th Street, Cornell, Wisconsin 54732 ("Landlord") and Haas Sons, Inc., a Wisconsin corporation, 203 E. Birch Street, Thorp, Wisconsin 54771 ("Tenant").

RECITALS:

- A. Landlord is the fee owner of the real property described in Section 1 herein;
- B. Tenant is engaged in the business of mineral extraction and processing, and related operations and activities; and
- C. Landlord and Tenant have agreed to enter into a lease arrangement for mineral extraction, to be governed by the terms and provisions contained in this Lease.

NOW THEREFORE, in consideration of the mutual promises contained herein, the parties agree as follows:

1. **Property Description and Lease Rights Granted.** Landlord hereby grants to Tenant an exclusive right, subject to the terms and provisions herein, to use the leased property to explore for, extract, stockpile, and sell such deposits of sand and gravel (defined herein as the "Mining Products") as may exist in, on, or under the following described real property situated in Chippewa County, State of Wisconsin:

SW¼ of the SW¼ of Section 8, Township 30 North, Range 8 West;

Tax parcel # 23008-0832-0000-0000
parcel document omitting financial information.

14. **Environmental Indemnification Agreement.** Tenant agrees to indemnify on demand and hold Landlord harmless from and against, and shall reimburse Landlord for, any and all loss, claim, liability, damages, injury (to person, property or natural resources), costs, expenses, actions, or causes of action, arising in connection with any environmental hazard, release of any petroleum products or other hazardous substance, or failure to perform proper remediation to the Leased Property. This provision of environmental indemnity clause shall survive the termination of this Lease and shall be in addition to any and all other rights and remedies of the Landlord.

15. **Binding Affect.** It is agreed that all covenants and conditions of the Lease shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, successors and permitted assigns.

IN WITNESS WHEREOF, Landlord and Tenant have executed and delivered this Lease on the date first above written.

LANDLORD:

Joe Hilger
Joe Hilger

Kathy Hilger
Kathy Hilger

TENANT:

HAAS SONS, INC.

Phil Haas
By: ~~Steve~~ Haas, President
Phil

Subscribed to and sworn before me this 23rd day of April 2008.

Brenda Decker Notary Public

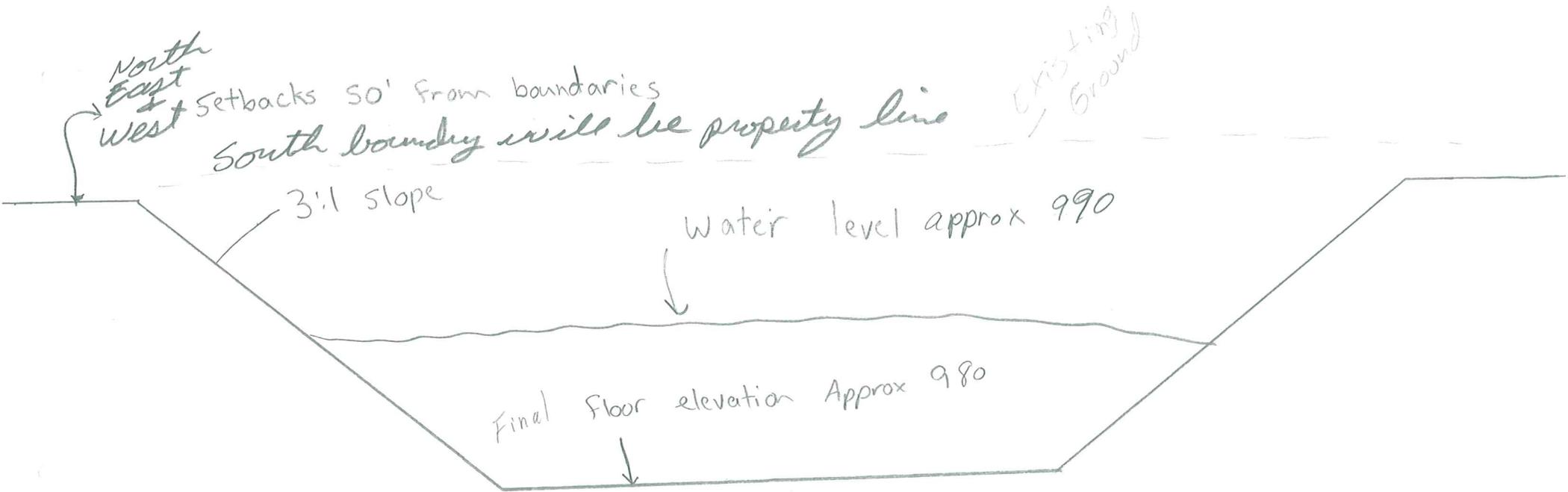
CLARK Co. WISCONSIN

My commission expires 12/07/2008

REVISED

By Phil Haas on
6-13-2014

Received By: Seth Ebel
LCFM



* all slopes will be seeded

Doug Clary

From: Seth Ebel
Sent: Wednesday, June 18, 2014 9:30 AM
To: Seth Ebel
Subject: RE: Reclamation Plan Amendment – Joe & Kathy Hilger Mine

Seth Ebel
Chippewa Co. LCFM
715-720-3644

From: Seth Ebel
Sent: Wednesday, June 18, 2014 9:29 AM
To: Phil Haas (phil@haas4.com)
Cc: Jason Haas (jason@haas4.com); Dan Masterpole (dmasterpole@co.chippewa.wi.us); David Nashold (dnashold@co.chippewa.wi.us); Doug Clary (dclary@co.chippewa.wi.us)
Subject: Reclamation Plan Amendment – Joe & Kathy Hilger Mine

Phil,

On June 6, 2014 Phil Haas (Haas Sons, Inc.) informed the Chippewa County Department of Land Conservation & Forest Management (LCFM) of its interest in extracting sand and gravel material within the standard 50 foot property line setback on the south side of the Hilger Mine (permit # 2008-02).

In response to that request the LCFM reviewed the applicable reclamation plans, permit conditions, and ordinance requirements.

The reclamation plan for the mine includes a total permitted mine boundary that includes the entire property. The reclamation plan also states that no extraction of sand and gravel will occur within 50 feet property line. Stockpiling of topsoil is planned within the 50 foot setback area and this is considered a mining activity under the reclamation ordinance.

Additionally the conditional use permit for this mine that was issued by the Planning & Zoning Dept. does not allow mining within 50 feet of the property line unless an written agreement waiving the property line setback, signed by the mine property owner (Joe Hilger & Kathy Hilger) and the adjacent property owner (Stelter. Inc.) is provided to the Planning & Zoning Dept.

On 6-13-2014 Mr. Haas met with LCFM staff and discussed the requirements for an administrative plan amendment. Minor revisions were made to the Site Operations Map, Final Site Map, and Cross Sections drawing that changed the south property line setback from 50 feet to zero feet. Mr. Haas also provided a signed agreement between the Hilger's and Stelter, Inc. waiving the 50 foot property line setback.

LCFM staff has received and reviewed these revised documents. Based upon our analysis of the documents provided we have concluded that the proposed changes to the south property line setback will have a limited impact on the ability of Haas Sons, Inc. to comply with the reclamation standards as established in NR 135, and the provisions of the reclamation plan and permit 2008-02 for the Hilger Mine.

Recognizing the scope of your proposal and the County's authority under section 30-131 of the Nonmetallic Mining Reclamation Ordinance and State Administrative Code NR 135.24, the LCFM has approved the administrative plan amendment that allows extraction of sand & gravel up to the south property line of the mine.

For the purposes of this amendment, now referenced as "Amendment #1", the following documents have been incorporated into the reclamation plan for the Hilger Mine:

1. A revised "Site Operations Map", received June 13, 2014 (attached).
2. A revised "Final Site Map", received June 13, 2014 (attached).
3. A revised "Cross Section" drawing, received June 13, 2014 (attached).
4. An agreement between property owners waiving the 50 foot setback requirement, received June 13, 2014 (attached).

Where inconsistencies exist between the original reclamation plan the plan amendment the most recent document supersedes any previously approved documents and the originally approved reclamation plan – "Non-Metallic Mining Reclamation Plan; dated and received June 18, 2008.

Thank you for submitting your proposal and for supplying the information needed document the impacts on the Hilger Mine reclamation plan.

If you have any questions please contact me at 715-720-3644.

Seth Ebel
Chippewa Co. LCFM
715-720-3644