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CMI

CONSOLIDATED MINERALS, INC.
FEED SUPPLEMENT DIVISION

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1989 NOV -3 AM 9:30

October 19, 1989

Mr. William A. Thomas, P.E.
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

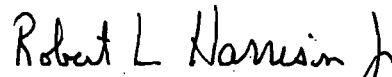
Dear Mr. Thomas:

Please find attached four copies of construction permit application for Consolidated Minerals, Inc. Plant City Borax Bulk Tank Dust Collector.

Also attached is a check in the amount of \$200.00 to cover the application fee. A copy of this application and the appropriate application fee has been transmitted to the Hillsborough County Environmental Protection Commission.

If you have any questions concerning the contents of this application, please let me know.

Sincerely,



Robert L. Harrison, Jr.
Environmental Supervisor

RLH:cr

Attachments

cc: F. W. Cheesman
Jerry Campbell, HCEPC
C. Buel, HCEPC
B. Thomas, SW Dist

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#200pd.
11-3-89
Receipt # 117673

NOV 3 1989

STATE OF FLORIDA

DER-BAQM

DEPARTMENT OF ENVIRONMENTAL REGULATION

TWIN TOWERS OFFICE BUILDING
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32301



BOB GRAMAM
GOVERNOR
VICTORIA J. TSCHINKEL
SECRETARY

AC 29-172279

APPLICATION TO OPERATE/CONSTRUCT AIR POLLUTION SOURCES

SOURCE TYPE: Point Source (Air Pollution) New¹ Existing¹

APPLICATION TYPE: Construction Operation Modification

COMPANY NAME: Consolidated Minerals, Inc. COUNTY: Hillsborough

Identify the specific emission point source(s) addressed in this application (i.e. Lime Kiln No. 4 with Venturi Scrubber; Peeking Unit No. 2, Gas Fired)

SOURCE LOCATION: Street Coronet Road City Plant City

UTM: East 17-393.8 North 30963

Latitude ° ' "N Longitude ° ' "W

APPLICANT NAME AND TITLE: F. W. Cheesman/President - Feed Supplement Division

APPLICANT ADDRESS: P. O. Box 790 Plant City, FL 33564

SECTION I: STATEMENTS BY APPLICANT AND ENGINEER

4. APPLICANT

I am the undersigned owner or authorized representative* of Consolidated Minerals, Inc.

I certify that the statements made in this application for a construction permit are true, correct and complete to the best of my knowledge and belief. Further, I agree to maintain and operate the pollution control source and pollution control facilities in such a manner as to comply with the provision of Chapter 40J, Florida Statutes, and all the rules and regulations of the department and revisions thereof. I also understand that a permit, if granted by the department, will be non-transferable and I will promptly notify the department upon sale or legal transfer of the permitted establishment.

*Attach letter of authorization

Signed: F. W. Cheesman
F. W. Cheesman/President - Feed Supplement Div.
Name and Title (Please Type)

Date: _____ Telephone No. (813)752-1161

8. PROFESSIONAL ENGINEER REGISTERED IN FLORIDA (where required by Chapter 471, F.S.)

- This is to certify that the engineering features of this pollution control project have been designed/examined by me and found to be in conformity with modern engineering principles applicable to the treatment and disposal of pollutants characterized in the permit application. There is reasonable assurance, in my professional judgment, that

See Florida Administrative Code Rule 17-2.100(57) and (104)

the pollution control facilities, when properly maintained and operated, will discharge an effluent that complies with all applicable statutes of the State of Florida and the rules and regulations of the department. It is also agreed that the undersigned will furnish, if authorized by the owner, the applicant a set of instructions for the proper maintenance and operation of the pollution control facilities and, if applicable, pollution sources.

Signed Anthony R. Lenkei
Anthony R. Lenkei
Name (Please Type)
Consolidated Minerals, Inc.
Company Name (Please Type)
P. O. Box 790 Plant City, FL 33564
Mailing Address (Please Type)
Florida Registration No. 8716 Date: _____ Telephone No. (813) 752-1161

SECTION II: GENERAL PROJECT INFORMATION

- A. Describe the nature and extent of the project. Refer to pollution control equipment, and expected improvements in source performance as a result of installation. State whether the project will result in full compliance. Attach additional sheet if necessary.

The Flex-Kleen Dust Collector will have a total cloth area of 170 ft² and an air flow of 800 CFM. This dust collector will be used to collect the dust associated with the pneumatic unloading of borax rail cars.

- B. Schedule of project covered in this application (Construction Permit Application Only)

Start of Construction December 1989 Completion of Construction January 1990

- C. Costs of pollution control system(s): (Note: Show breakdown of estimated costs only for individual components/units of the project serving pollution control purposes. Information on actual costs shall be furnished with the application for operation permit.)

<u>Flex-Kleen Dust Collector</u>	<u>\$ 3,300.00</u>
<u>Duct Work</u>	<u>6,700.00</u>
<u>Total Pollution Control Equipment</u>	<u>\$ 10,000.00</u>

- D. Indicate any previous DER permits, orders and notices associated with the emission point, including permit issuance and expiration dates.

Not Applicable

E. Requested permitted equipment operating time: hrs/day 24 ; days/wk 7 ; wks/yr 52 ;
if power plant, hrs/yr _____; if seasonal, describe: This unit will operate no more
than 500 hours per year.

F. If this is a new source or major modification, answer the following questions.
(Yes or No)

1. Is this source in a non-attainment area for a particular pollutant? No
a. If yes, has "offset" been applied? N/A
b. If yes, has "Lowest Achievable Emission Rate" been applied? N/A
c. If yes, list non-attainment pollutants. N/A

2. Does best available control technology (BACT) apply to this source?
If yes, see Section VI. No

3. Does the State "Prevention of Significant Deterioration" (PSD)
requirement apply to this source? If yes, see Sections VI and VII. No

4. Do "Standards of Performance for New Stationary Sources" (NSPS)
apply to this source? No

5. Do "National Emission Standards for Hazardous Air Pollutants"
(NESHAP) apply to this source? No

H. Do "Reasonably Available Control Technology" (RACT) requirements apply
to this source? No

a. If yes, for what pollutants? _____

b. If yes, in addition to the information required in this form,
any information requested in Rule 17-2.650 must be submitted.

Attach all supportive information related to any answer of "Yes". Attach any justifi-
cation for any answer of "No" that might be considered questionable.

SECTION III: AIR POLLUTION SOURCES & CONTROL DEVICES (Other than Incinerators)

A. Raw Materials and Chemicals Used in your Process, if applicable:

Description	Contaminants		Utilization Rate - lbs/hr	Relate to Flow Diagram
	Type	% Wt		
Borax	Particulate	100%	N/A	See Attachment C-1

B. Process Rate, if applicable: (See Section V, Item 1)

1. Total Process Input Rate (lbs/hr): N/A

2. Product Weight (lbs/hr): 16,000 lbs/hr

C. Airborne Contaminants Emitted: (Information in this table must be submitted for each emission point, use additional sheets as necessary)

Name of Contaminant	Emission ¹		Allowed Emission Rate per Rule 17-2	Allowable ³ Emission lbs/hr	Potential ⁴ Emission		Relate to Flow Diagram
	Maximum lbs/hr	Actual T/yr			lbs/xxhr	T/yr	
Particulate	.64	.16	17-2.610	13.03	3,200	14,016	See Attachment C-1
Opacity			17-2.610(2)(a)	5%			

¹See Section V, Item 2.

²Reference applicable emission standards and units (e.g. Rule 17-2.600(5)(b)2. Table II, E. (1) - 0.1 pounds per million BTU heat input).

³Calculated from operating rate and applicable standard.

⁴Emission, if source operated without control (See Section V, Item 3).

J. Control Devices: (See Section V, Item 4)

Name and Type (Model & Serial No.)	Contaminant	Efficiency	Range of Particles Size Collected (in microns) (If applicable)	Basis for Efficiency (Section V Item 5)
Flex-Kleen Model 84 BVBS-16 Dust Collector	Particulate	99.98%	74 to 991	Manufacturer's specifications

E. Fuels

Type (Be Specific)	Consumption*		Maximum Heat Input (MMBTU/hr)
	avg/hr	max./hr	
Not Applicable			

*Units: Natural Gas--MMCF/hr; Fuel Oils--gallons/hr; Coal, wood, refuse, other--lbs/hr.

Fuel Analysis:

Percent Sulfur: _____ Percent Ash: _____

Density: _____ lbs/gal Typical Percent Nitrogen: _____

Heat Capacity: _____ BTU/lb _____ STU/gal

Other Fuel Contaminants (which may cause air pollution): _____

F. If applicable, indicate the percent of fuel used for space heating.

Annual Average _____ Maximum _____

G. Indicate liquid or solid wastes generated and method of disposal.

Any solid waste will be returned to the tank.

H. Emission Stack Geometry and Flow Characteristics (Provide data for each stack):

Stack Height: 50 ft. Stack Diameter: 6" Dia. ft.
 Gas Flow Rate: 800 ACFM DSCFM Gas Exit Temperature: Ambient °F.
 Water Vapor Content: N/A % Velocity: 75 FPS

SECTION IV: INCINERATOR INFORMATION

Not Applicable

Type of Waste	Type 0 (Plastics)	Type I (Rubbish)	Type II (Refuse)	Type III (Garbage)	Type IV (Pathological)	Type V (Liq. & Gas By-prod.)	Type VI (Solid By-prod.)
Actual lb/hr Incinerated							
Uncontrolled (lbs/hr)							

Description of Waste _____
 Total Weight Incinerated (lbs/hr) _____ Design Capacity (lbs/hr) _____
 Approximate Number of Hours of Operation per day _____ day/wk _____ wks/yr. _____
 Manufacturer _____
 Date Constructed _____ Model No. _____

	Volume (ft) ³	Heat Release (BTU/hr)	Fuel		Temperature (°F)
			Type	BTU/hr	
Primary Chamber					
Secondary Chamber					

Stack Height: _____ ft. Stack Diameter: _____ Stack Temp. _____
 Gas Flow Rate: _____ ACFM _____ DSCFM* Velocity: _____ FPS

*If 50 or more tons per day design capacity, submit the emissions rate in grains per standard cubic foot dry gas corrected to 50% excess air.

Type of pollution control devices: Cyclone Wet Scrubber Afterburner
 Other (specify) _____

Brief description of operating characteristics of control devices: _____

Ultimate disposal of any effluent other than that emitted from the stack (scrubber water, ash, etc.):

NOTE: Items 2, 3, 4, 6, 7, 8, and 10 in Section V must be included where applicable.

SECTION V: SUPPLEMENTAL REQUIREMENTS

Please provide the following supplements where required for this application.

1. Total process input rate and product weight -- show derivation [Rule 17-2.100(127)]
2. To a construction application, attach basis of emission estimate (e.g., design calculations, design drawings, pertinent manufacturer's test data, etc.) and attach proposed methods (e.g., FR Part 60 Methods 1, 2, 3, 4, 5) to show proof of compliance with applicable standards. To an operation application, attach test results or methods used to show proof of compliance. Information provided when applying for an operation permit from a construction permit shall be indicative of the time at which the test was made. SEE ATTACHMENT A
3. Attach basis of potential discharge (e.g., emission factor, that is, AP42 test).
SEE ATTACHMENT A
4. With construction permit application, include design details for all air pollution control systems (e.g., for baghouse include cloth to air ratio; for scrubber include cross-section sketch, design pressure drop, etc.) SEE ATTACHMENT B
5. With construction permit application, attach derivation of control device(s) efficiency. Include test or design data. Items 2, 3 and 5 should be consistent: actual emissions = potential (1-efficiency). SEE ATTACHMENT A
6. An 8 1/2" x 11" flow diagram which will, without revealing trade secrets, identify the individual operations and/or processes. Indicate where raw materials enter, where solid and liquid waste exit, where gaseous emissions and/or airborne particles are evolved and where finished products are obtained. SEE ATTACHMENT C
7. An 8 1/2" x 11" plot plan showing the location of the establishment, and points of airborne emissions, in relation to the surrounding area, residences and other permanent structures and roadways (Example: Copy of relevant portion of USGS topographic map).
SEE ATTACHMENT D
8. An 8 1/2" x 11" plot plan of facility showing the location of manufacturing processes and outlets for airborne emissions. Relate all flows to the flow diagram.
SEE ATTACHMENT E

9. The appropriate application fee in accordance with Rule 17-4.05. The check should be made payable to the Department of Environmental Regulation.
10. With an application for operation permit, attach a Certificate of Completion of Construction indicating that the source was constructed as shown in the construction permit.

SECTION VI: BEST AVAILABLE CONTROL TECHNOLOGY

A. Are standards of performance for new stationary sources pursuant to 40 C.F.R. Part 60 applicable to the source?

Yes No

Contaminant	Rate or Concentration
_____	_____
_____	_____
_____	_____

B. Has EPA declared the best available control technology for this class of sources (If yes, attach copy)

Yes No

Contaminant	Rate or Concentration
_____	_____
_____	_____
_____	_____

C. What emission levels do you propose as best available control technology?

Contaminant	Rate or Concentration
_____	_____
_____	_____
_____	_____

D. Describe the existing control and treatment technology (if any).

- | | |
|---------------------------|--------------------------|
| 1. Control Device/System: | 2. Operating Principles: |
| 3. Efficiency:* | 4. Capital Costs: |

*Explain method of determining

- 5. Useful Life:
- 7. Energy:
- 9. Emissions:

- 6. Operating Costs:
- 8. Maintenance Cost:

Contaminant	Rate or Concentration

10. Stack Parameters

- a. Height: ft.
- b. Diameter: ft.
- c. Flow Rate: ACFM
- d. Temperature: °F.
- e. Velocity: FPS

E. Describe the control and treatment technology available (As many types as applicable, use additional pages if necessary).

1.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:
- j. Applicability to manufacturing processes:
- k. Ability to construct with control device, install in available space, and operate within proposed levels:

2.

- a. Control Device:
- b. Operating Principles:
- c. Efficiency:¹
- d. Capital Cost:
- e. Useful Life:
- f. Operating Cost:
- g. Energy:²
- h. Maintenance Cost:
- i. Availability of construction materials and process chemicals:

¹Explain method of determining efficiency.

²Energy to be reported in units of electrical power - KWH design rate.

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

3.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Cost:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

4.

a. Control Device:

b. Operating Principles:

c. Efficiency:¹

d. Capital Costs:

e. Useful Life:

f. Operating Cost:

g. Energy:²

h. Maintenance Cost:

i. Availability of construction materials and process chemicals:

j. Applicability to manufacturing processes:

k. Ability to construct with control device, install in available space, and operate within proposed levels:

F. Describe the control technology selected:

1. Control Device:

2. Efficiency:¹

3. Capital Cost:

4. Useful Life:

5. Operating Cost:

6. Energy:²

7. Maintenance Cost:

8. Manufacturer:

9. Other locations where employed on similar processes:

a. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

Explain method of determining efficiency.

Energy to be reported in units of electrical power - KWH design rate.

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate:¹

b. (1) Company:

(2) Mailing Address:

(3) City:

(4) State:

(5) Environmental Manager:

(6) Telephone No.:

(7) Emissions:¹

Contaminant

Rate or Concentration

Contaminant	Rate or Concentration

(8) Process Rate:¹

10. Reason for selection and description of systems:

¹Applicant must provide this information when available. Should this information not be available, applicant must state the reason(s) why.

SECTION VII - PREVENTION OF SIGNIFICANT DETERIORATION

A. Company Monitored Data

1. _____ no. sites _____ TSP _____ () SO₂+ _____ Wind spd/dir

Period of Monitoring _____ / _____ / _____ to _____ / _____ / _____
month day year month day year

Other data recorded _____

Attach all data or statistical summaries to this application.

Specify bubbler (B) or continuous (C).

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2. Instrumentation, Field and Laboratory

- a. Was instrumentation EPA referenced or its equivalent? Yes No
- b. Was instrumentation calibrated in accordance with Department procedures?
 Yes No Unknown

B. Meteorological Data Used for Air Quality Modeling

1. _____ Year(s) of data from _____ / _____ / _____ to _____ / _____ / _____
 month day year month day year
2. Surface data obtained from (location) _____
3. Upper air (mixing height) data obtained from (location) _____
4. Stability wind rose (STAR) data obtained from (location) _____

C. Computer Models Used

1. _____ Modified? If yes, attach description.
2. _____ Modified? If yes, attach description.
3. _____ Modified? If yes, attach description.
4. _____ Modified? If yes, attach description.

Attach copies of all final model runs showing input data, receptor locations, and principle output tables.

D. Applicants Maximum Allowable Emission Data

Pollutant	Emission Rate
TSP	_____ grams/sec
SO ₂	_____ grams/sec

E. Emission Data Used in Modeling

Attach list of emission sources. Emission data required is source name, description of point source (on NEDS point number), UTM coordinates, stack data, allowable emissions, and normal operating time.

F. Attach all other information supportive to the PSD review.

G. Discuss the social and economic impact of the selected technology versus other applicable technologies (i.e., jobs, payroll, production, taxes, energy, etc.). Include assessment of the environmental impact of the sources.

H. Attach scientific, engineering, and technical material, reports, publications, journals, and other competent relevant information describing the theory and application of the requested best available control technology.

ATTACHMENT A

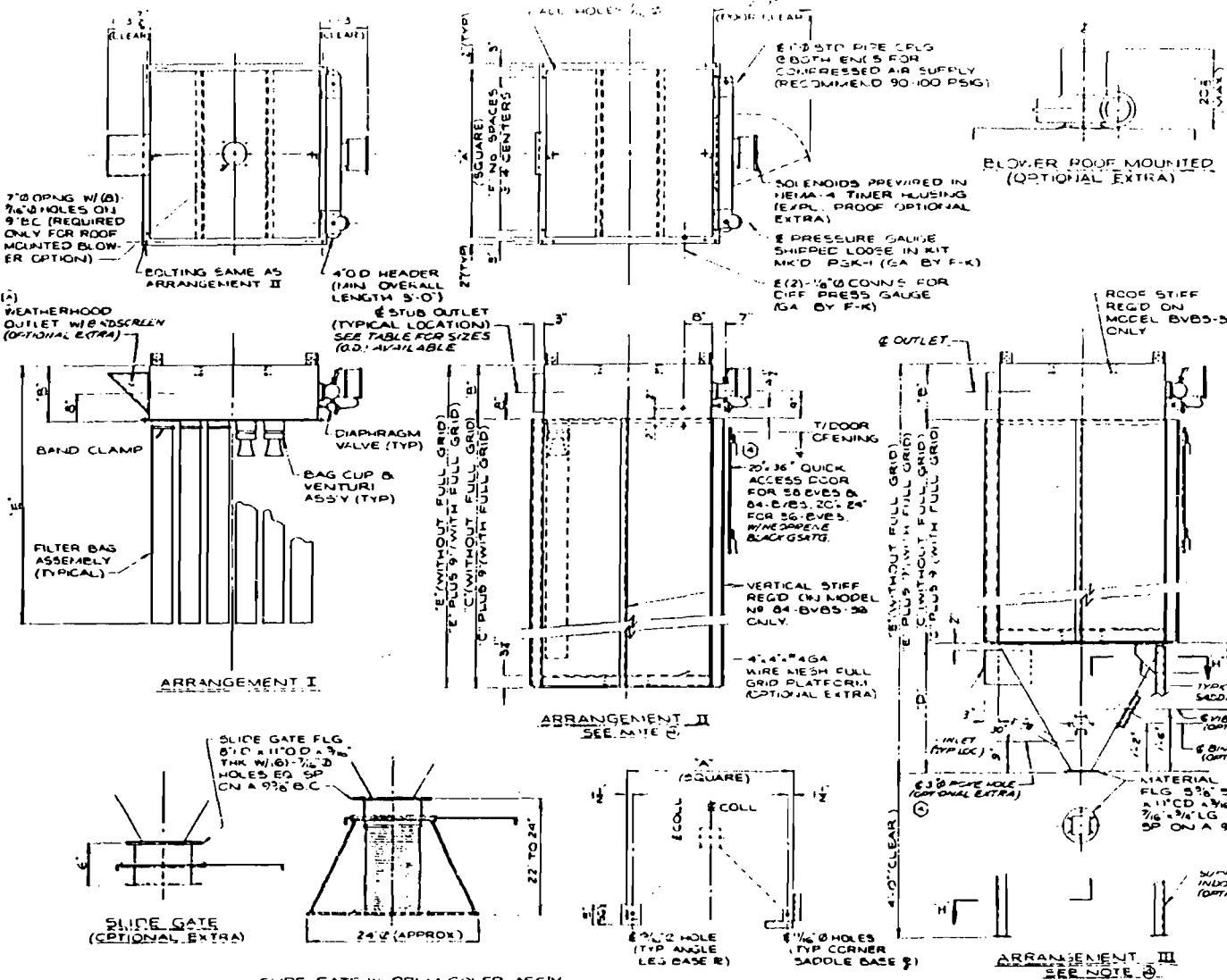
Particulate Emission Estimate

Estimate Dust Collector Loading = 3200 lbs/hr
100% - 99.98% (Dust Collector Efficiency) = .02%
3200 lbs/hr x .02% = .64 lbs/hr discharge
.64 lbs/hr x 500 operating hours = 320 lbs/yr
320 lbs/yr ÷ 2000 lbs/ton = .16 tons/yr

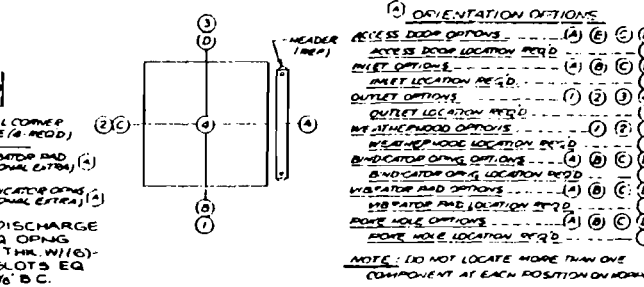
Potential Emissions

3200 lbs/hr Dust Collector Loading
3200 lbs/hr x 8760 hrs/yr = 28,032,000 lbs/yr ÷ 2000 lbs/yr =
14,016 tons/yr Potential Emissions

ATTACHMENT B



MODEL	ARR	EYES	CF	EYES	CF	DIMENSIONS (WITH HOOD) (OPTIONAL)					E	F	G	H	I	J	K	L	
						A	B	C	D	E									
8-EVES	I	17	9	18	9	4.0	2'-0"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
30-EVES	I	39	9	36	9	4.2	2'-0"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
56-EVES	I	65	9	58	9	4.5	2'-0"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
84-EVES	I	95	9	84	9	5.0	2'-0"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
16-EVES	I	30	16	18	4	5.2	2'-8"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
36-EVES	I	69	16	36	4	5.5	2'-8"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
56-EVES	I	115	16	58	4	5.8	2'-8"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
84-EVES	I	170	16	84	4	6.2	2'-8"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
16-EVES	I	47	25	18	3	6.3	3'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
36-EVES	I	106	25	36	3	6.5	3'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
56-EVES	I	160	25	58	3	6.7	3'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
84-EVES	I	265	25	84	3	7.0	3'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"
16-EVES	I	52	36	24	6	6.5	4'-0"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"	1'-4"



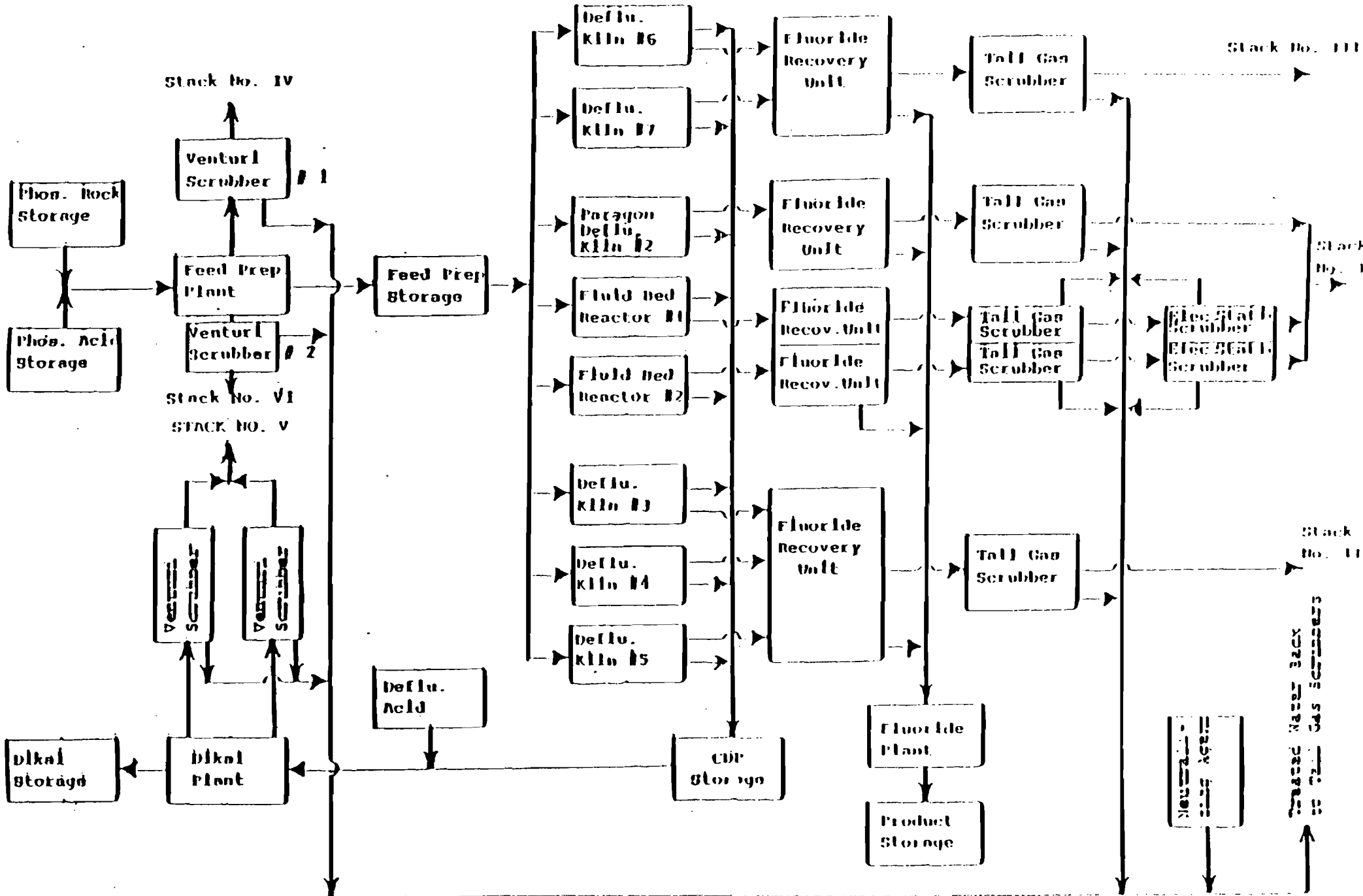
- NOTES:**
- 1) PYRAMID HOPPER HEIGHT IS BASED ON 60° SLOPE & MATERIAL DISCHARGE OPNG THAT WILL SUIT AN 8" AIRLOCK
 - 2) DESIGN PRESSURE IS 15" WG
 - 3) DRAWING TO BE USED FOR GENERAL ARRANGEMENT ONLY NOT TO BE USED FOR CONSTRUCTION UNLESS CERTIFIED.
 - 4) WHEN A FULL INTERNAL GRID IS INCLUDED W/ UNIT, THE MODEL IS DENOTED AS 'ARR I G' OR 'ARR III G'.
- NOTES (CONT):**
- 5) LARGE OUTLET AND UNIT SIZE FOLLOW THE TABLE BASED ON 3000-1000 CFM/1000 W/GAS VELOCITY.

THIS DRAWING SUPERCEDES A-75E-95

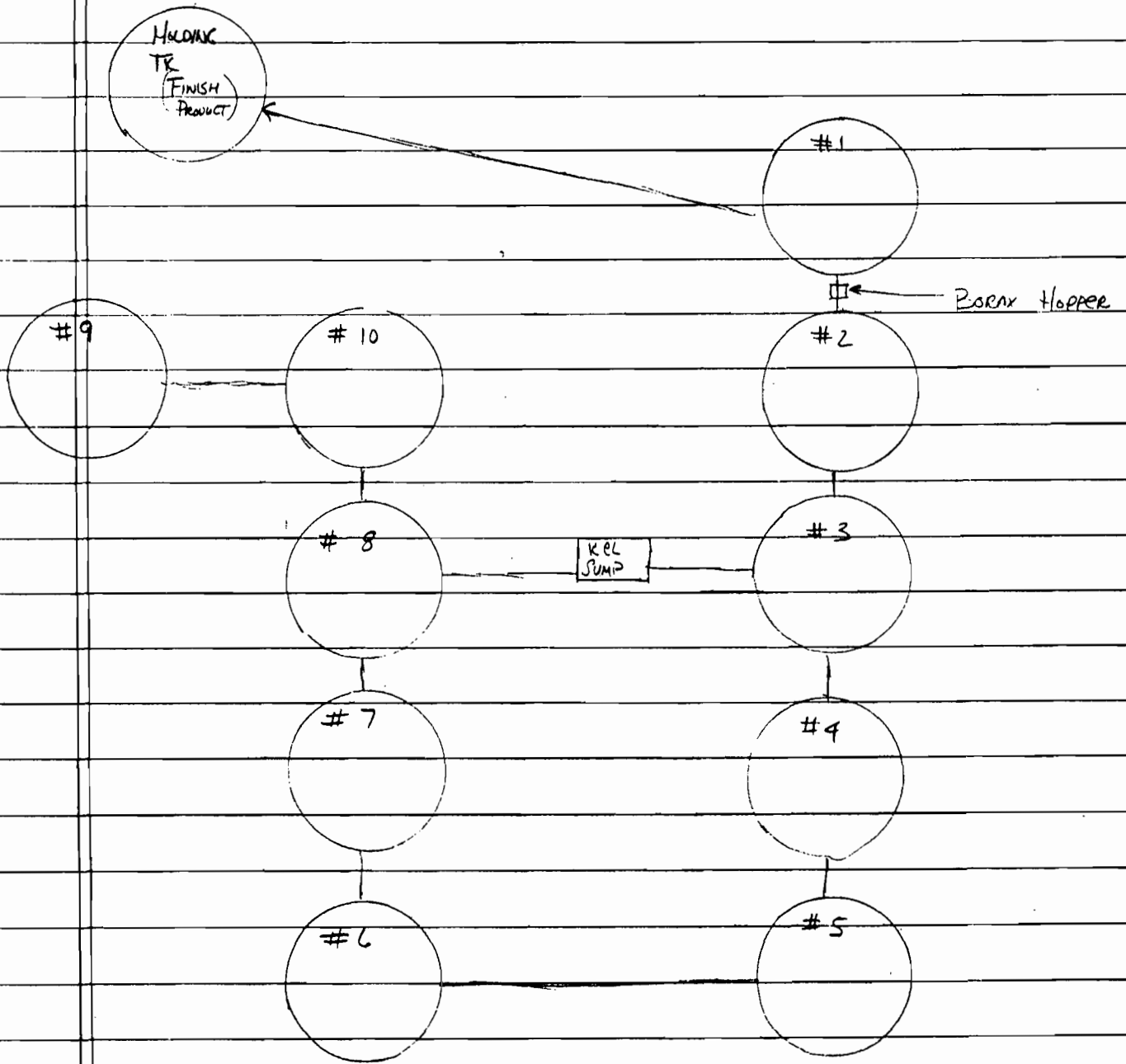
FLEX-KLEEN CORPORATION SUBSIDIARY OF HERRICK CORP., INC.	
DATE: 7-27-85	DRAWN BY:
GENERAL DATA	
MODEL NO: 3-85-31	SERIAL NO:
UNIT NO:	SITE NO:

CMI PLANT CITY FACILITY

FLOW DIAGRAM



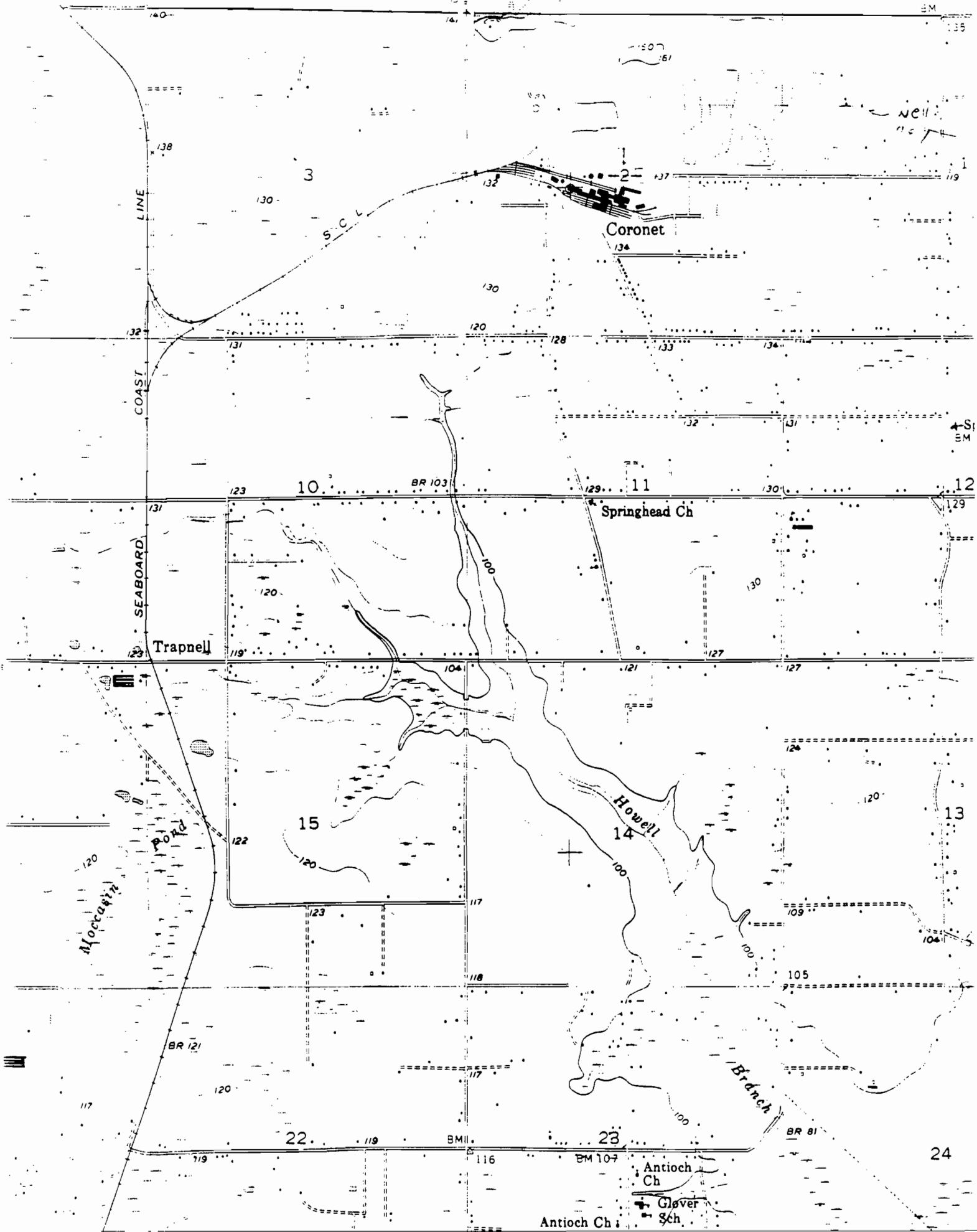
ATTACHMENT C

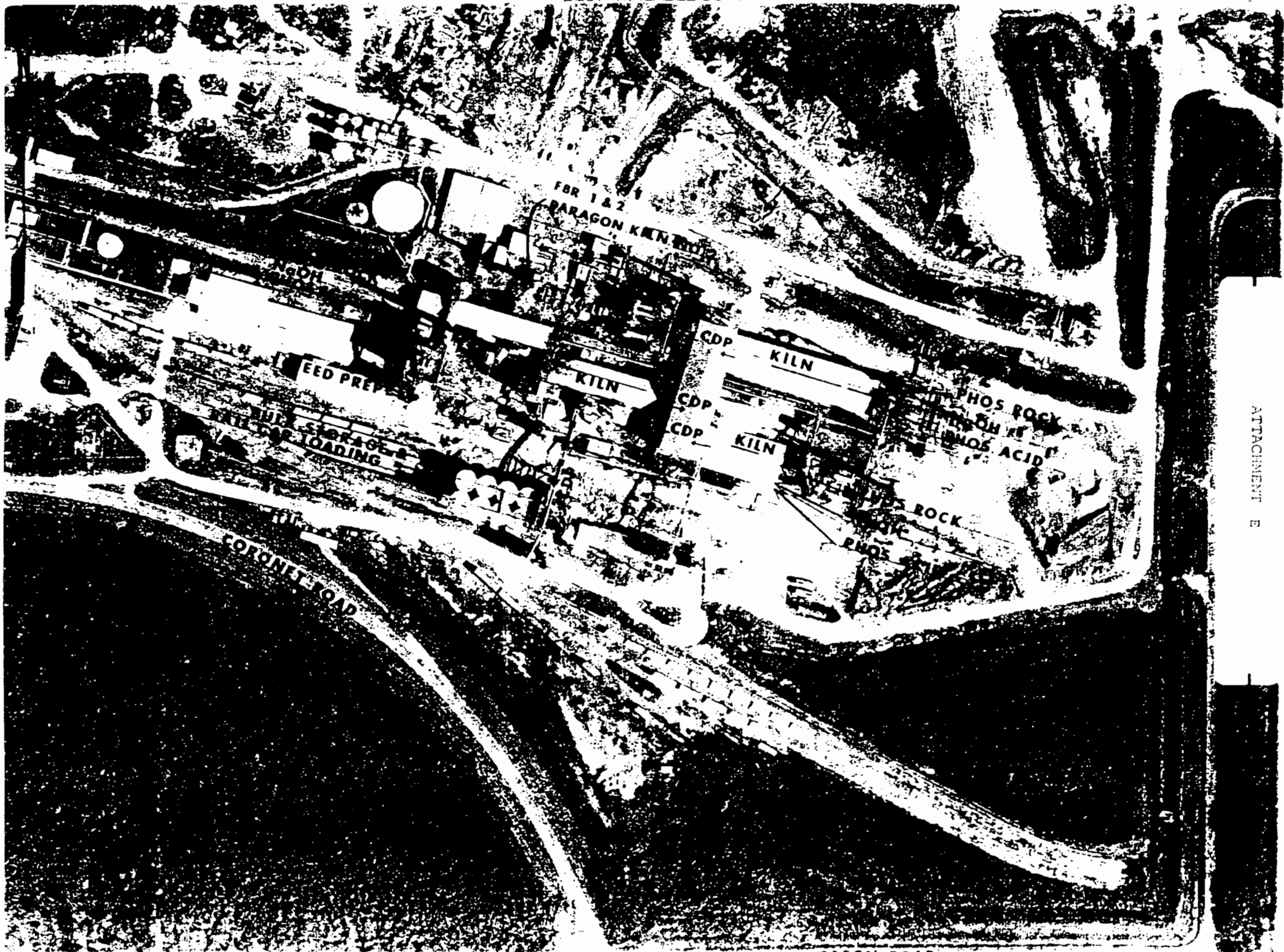


TKS 3,4,5,6,7,8,9,10 HF ACID HOLDING TKS.

TKS 1,2 REACTION TKS.

ATTACHMENT D







CONSOLIDATED MINERALS, INC.

028358 [REDACTED]
2631

P.O. BOX 300
LEESBURG, FLORIDA 32749-0300

CHECK DATE NUMBER

9/22/89 16542

TWO HUNDRED AND 00/100 DOLLARS

PAY

30 FL154

CHECK AMOUNT
*****200.00

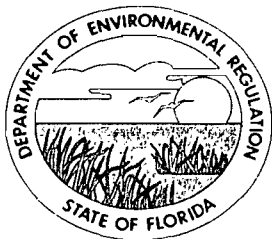
TO THE ORDER OF

FLORIDA DEPT OF ENVIRONMENTAL
REGULATION
TWIN TOWERS OFFICE BLDG
2600 BLAIR STONE RD
TALLAHASSEE FL 32399

CONSOLIDATED MINERALS, INC.

Wayne Daniel





Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

November 28, 1989

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. F. W. Cheesman, President
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 33564

Re: File No. AC 29-172279, Borax Bulk Tank

The Department has made a preliminary review of your application for permit to construct a borax bulk tank. Before this application can be processed, we need the following information:

1. Please clarify what air pollution source(s) you are requesting a permit for. Indicate which process of the flow diagram (Attach. C) this application is for. What is the current permit number(s) for reactor tanks No. 1 and 2, HF holding tanks Nos. 3, 4, 5, 6, 7, 8, 9, 10, and the finished product holding tank? If these vessels are not covered by a Department permit(s), they should be included with this application or on separate applications. The applications should include information showing a more detailed process flow sheet, size of vessels, control equipment/practices to minimize air pollution, and emissions of all pollutants - including fluorides.
2. The estimated particulate matter (PM) emissions from the proposed dust collector of 0.09 grains/CF seems high. Your facility is in the area of influence of the Hillsborough County nonattainment area for particulate matter. We request you either accept the PM RACT standard of 0.03 gr/dscf (0.21 lbs/hr and 0.05 TPY) or calculate the impact this source will have on the nonattainment area for particulate matter. Also, for your information, all of Hillsborough County is currently designated nonattainment for ozone. This does not affect this application.

We will resume processing the application after we receive the requested information. If you have any questions on this matter,

Page 2
November 28, 1989

please call Willard Hanks at (904) 488-1344 or write to me at the Department's Tallahassee address.

Sincerely,

A handwritten signature in black ink, appearing to read "C. H. Fancy". The signature is stylized and cursive, with a large initial "C" and a long, sweeping tail.

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/WH/plm

c: Bill Thomas, SW District
Jerry Campbell, EPCHC

P 938 762 765

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

Sent to Mr. F. W. Cheesman, CMI	
Street and No. P.O. Box 790	
P.O. State and ZIP Code Plant City, FL 33564	
Postage	S
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	S
Postmark or Date Permit: AC 29-172279 Mailed: 11-30-89	

PS Form 3800, June 1985

<p>● SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4. Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.</p> <p>1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. (Extra charge) 2. <input type="checkbox"/> Restricted Delivery (Extra charge)</p>	
<p>3. Article Addressed to: Mr. F. W. Cheesman, President Consolidated Minerals, Inc. P. O. Box 790 Plant City, FL 33564</p>	<p>4. Article Number P 938 762 765</p> <p>Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise</p> <p>Always obtain signature of addressee or agent and DATE DELIVERED.</p>
<p>5. Signature - Address X <i>M. F. W. Cheesman</i></p>	<p>8. Addressee's Address (ONLY if requested and fee paid)</p>
<p>6. Signature - Agent X</p>	
<p>7. Date of Delivery 12-4-89</p>	

CMI
CONSOLIDATED MINERALS, INC.
FEED SUPPLEMENT DIVISION

RECEIVED
DEC 15 1989
DER-BAQM

December 12, 1989

C. H. Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399

Re: File No. AC29-172279, Borax Bulk Tank

Dear Mr. Fancy:

Please find enclosed a flow sheet highlighting the part of the Plant City Operation for which we are requesting the Borax Bulk Tank permit.

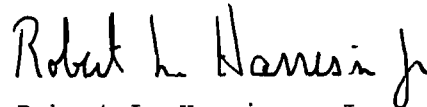
The Fluoride, KBF₄, Plant operates under Permit #A029-139058. This permit covers holding tanks 3-10 and reaction tanks 1 & 2. We are in the construction phase of Permit #AC29-167251. This permit will cover the new fluid bed dryer for the final product.

Also enclosed is a new flow sheet for the Fluoride, KBF₄, Plant.

I have talked to our engineer and he said we should have no problem meeting the PM RACT standard of .03 gr/dscF. Therefore we will accept this standard.

Should you have any questions, please contact me.

Sincerely,



Robert L. Harrison, Jr.
Environmental Supervisor

RLH:cr

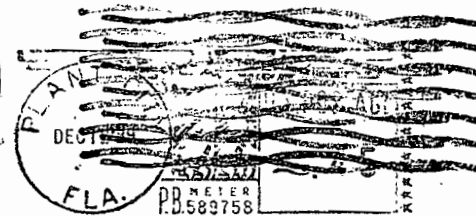
Enclosures

cc: F. W. Cheesman

*copied: St. Hanks
M. Keme, SW Dist
E. Hill, EPC HC
CHF/BT*

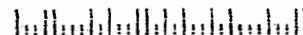
**CMI CONSOLIDATED
MINERALS, INC.**

P. O. Box 790 • Plant City, Florida 34289-0790

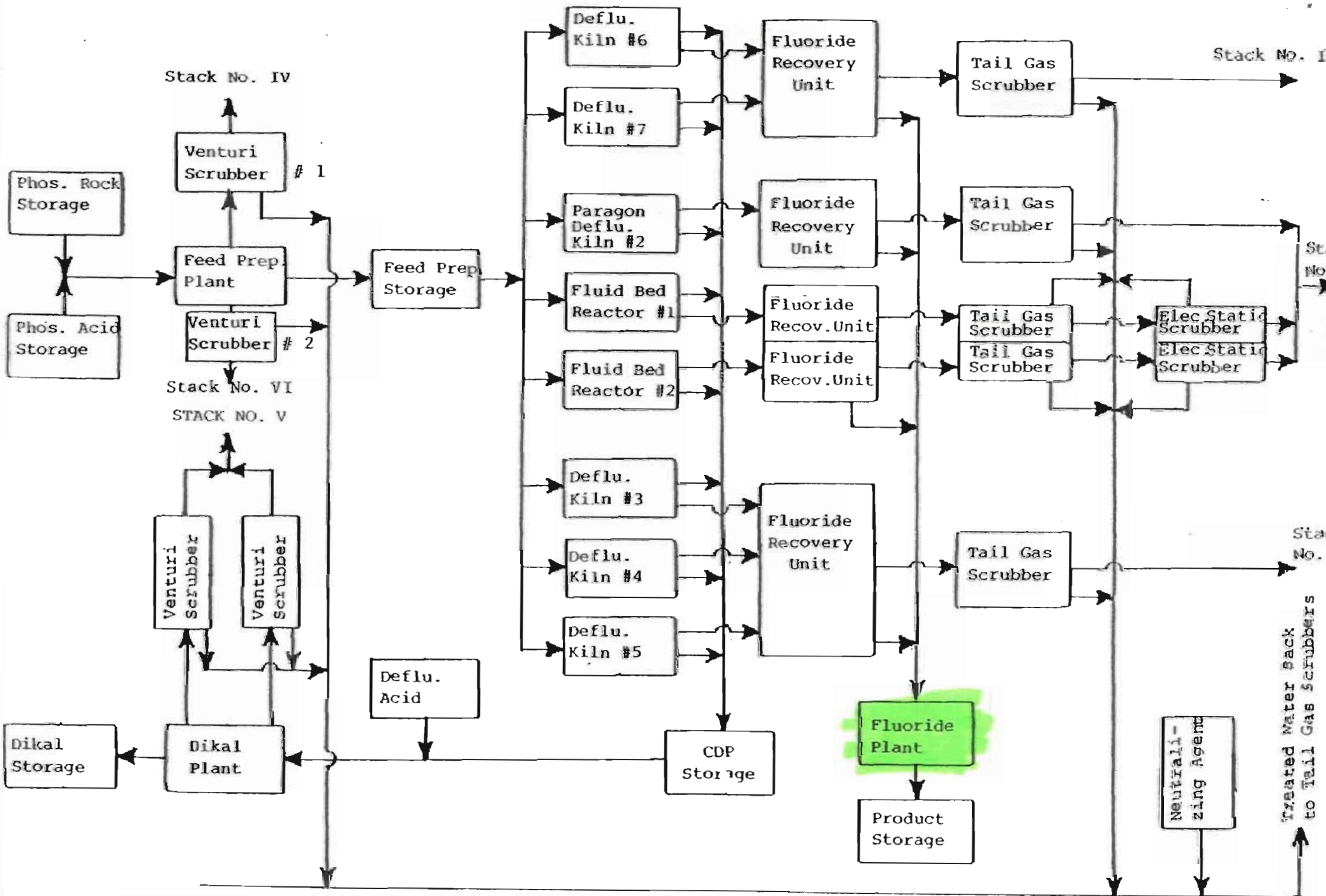


C. H. Fancy, P.E.
Chief, Bureau of Air Regulation
Florida Department of Environmental Regulation
2600 Blair Stone Road
Tallahassee, FL 32399

RECEIVED
DEC 15 1989
DER-BAQM

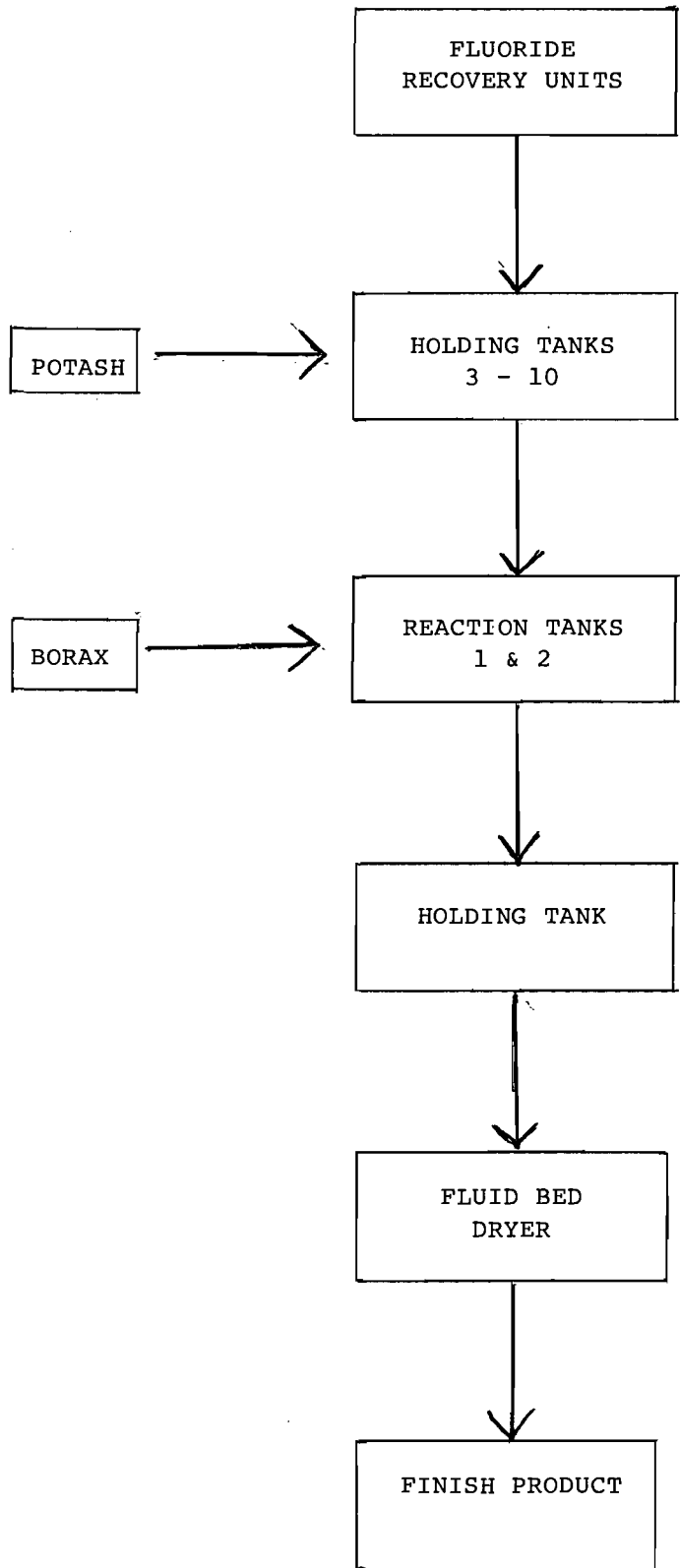


FLOW DIAGRAM



Pond

Pond



 ** REMEMBER TO INCLUDE BACKGROUND CONCENTRATIONS **

Max 1hr impact = 5.648 $\mu\text{g}/\text{m}^3$

Max 12hr impact = (5.648)(0.6) = 3.4 $\mu\text{g}/\text{m}^3$

Max 24hr impact = (5.648)(0.4) = 2.3 $\mu\text{g}/\text{m}^3$

$\frac{AAC}{(12\text{hr})} = \frac{40}{184} \cdot \frac{1}{50} \cdot \frac{1\text{mg}}{\text{m}^3} = 9.5 \times 10^{-3} \frac{\text{mg}}{\text{m}^3} \approx 9.5 \text{ug}/\text{m}^3$ ok

$\frac{AAC}{(24\text{hr})} = \frac{40}{168} \cdot \frac{1}{50} \cdot \frac{1\text{mg}}{\text{m}^3} = 4.8 \times 10^{-3} \frac{\text{mg}}{\text{m}^3} \approx 4.8 \text{ug}/\text{m}^3$ ok

IMPACT OF EMISSIONS PASS SCREENING TEST
 No TOXIC PROBLEM

Max 8hr = (5.648)(0.7) = 4 $\mu\text{g}/\text{m}^3$

$\frac{AAC}{8\text{hr}} = \frac{40}{40} \cdot \frac{1}{50} \cdot 1 = 0.02 \frac{\text{mg}}{\text{m}^3} \approx 20 \text{ug}/\text{m}^3$ ok

File Copy

PM
6-28-90
Plant City, FL

7/3/90

~~BA~~
BA

CMI

CONSOLIDATED MINERALS, INC.
FEED SUPPLEMENT DIVISION

RECEIVED

JUL 2 1990

DER-BAQM

FYI. Initial, forward
return to Patty. Given
also to Willard for
processing. *Handwritten initials*

June 28, 1990

Mr. C. H. Fancy, P.E.
Deputy Chief Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

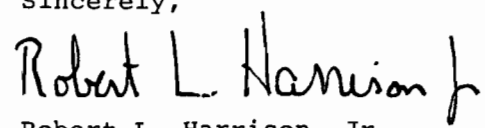
Re: **Permit AC29-172279**

Dear Mr. Fancy:

Consolidated Minerals, Inc. is requesting that construction permit, AC29-172279, be extended to December 1, 1990. The reason for this extension is that pneumatic rail cars have been unavailable for this product. At this time we believe that one will arrive in late July or early August.

Should you have any questions concerning this matter, please contact me.

Sincerely,



Robert L. Harrison, Jr.
Environmental Supervisor

RLH:cr

cc: F. W. Cheesman
Bill Thomas/SW District
Jerry Campbell/HCEPC

Willard Hanks }
BA/CHF } 7/3/90 *Handwritten initials*

CMI

CONSOLIDATED MINERALS, INC.
FEED SUPPLEMENT DIVISION

RECEIVED

FEB 20 1990

February 14, 1990

DER-BAQM

Mr. C. H. Fancy, P.E.
Deputy Chief Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Dear Mr. Fancy:

As per the requirements of construction permit AC29-172279, proof of publication is enclosed.

Should you have any questions concerning this matter, please contact me.

Sincerely,

Robert L. Harrison Jr.
Robert L. Harrison, Jr.
Environmental Supervisor

RLH:cr

Enclosure

cc: F. W. Cheesman

J. Hanks
B. Thomas, SW Dist
J. Campbell, EPCHC

THE TAMPA TRIBUNE
 Published Daily
 Tampa, Hillsborough County, Florida

State of Florida }
 County of Hillsborough } ss.

Before the undersigned authority personally appeared James L. Gonnering, who on oath says that he is Assistant Comptroller of The Tampa Tribune, a daily newspaper published at Tampa in Hillsborough County, Florida; that the attached copy of advertisement being a.....

LEGAL NOTICE

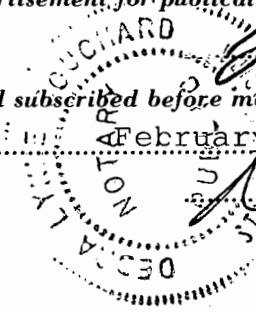
in the matter of **BORAX STORAGE**

was published in said newspaper in the issues of **February 7, 1990**

Affiant further says that the said The Tampa Tribune is a newspaper published at Tampa, in said Hillsborough County, Florida, and that the said newspaper has heretofore been continuously published in said Hillsborough County, Florida, each day and has been entered as second class mail matter at the post office in Tampa, in said Hillsborough County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement, and affiant further says that he has neither paid nor promised any person, firm, or corporation any discount, rebate, commission or refund for the purpose of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me, this **14** day
of **February** A.D. 19 **90**

(Seal)



James L. Gonnering
Deborah Lynne Covehard

Notary Public, State of Florida
My Commission Expires Jan. 6, 1993
 Bonded Thru Troy Fain - Insurance Inc.

State of Florida
 Department of Environmental Regulation

Notice of Intent to Issue
 The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (AC 29-172279) to Consolidated Minerals, Inc., P. O. Box 790, Plant City, Florida 33564, to construct a borax storage/handling system at their existing phosphate chemical plant located on Coronet Road, Plant City, Hillsborough County, Florida. Particulate matter emissions from the new source are estimated to be 0.2 lbs/hr and 0.1 TPY. These emissions will not violate any ambient air quality standard. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this intent to issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

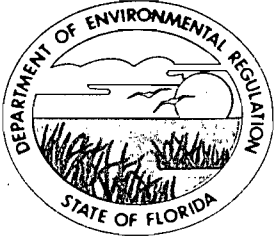
(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this Notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:
 Department of Environmental Regulation
 Bureau of Air Regulation
 2600 Blair Stone Road
 Tallahassee, Florida
 32399-2400
 Department of Environmental Regulation
 Southwest District
 4520 Oak Fair Boulevard
 Tampa, Florida 33610-7347
 Environmental Protection Commission of
 Hillsborough County
 1410 North 21st Street
 Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

January 31, 1990

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. F. W. Cheesman, President
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 33564

Dear Mr. Cheesman:

Attached is one copy of the Technical Evaluation and Preliminary Determination and proposed permit to construct a borax storage/handling system at your Plant City, Hillsborough County, Florida phosphate chemical plant.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Mr. Bill Thomas of the Bureau of Air Regulation.

Sincerely,

C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

CHF/WH/plm

Attachments

c: Bill Thomas, SW Dist.
Jerry Campbell, EPCHC
Anthony Lenkei, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF INTENT TO ISSUE and all copies were mailed before the close of business on 1-31-90.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

John D. Baker
Clerk

1-31-90
Date

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

In the Matter of
Application for Permit by:

Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 34289

DER File No. AC 29-172279

INTENT TO ISSUE

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (copy attached) for the proposed project as detailed in the application specified above. The Department is issuing this Intent to Issue for the reasons stated in the attached Technical Evaluation and Preliminary Determination.

The applicant, Consolidated Minerals, Inc., applied on November 3, 1989, to the Department of Environmental Regulation for a permit to construct a borax storage/handling system.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 and 17-4. The project is not exempt from permitting procedures. The Department has determined that an air construction permit is required for the proposed work.

Pursuant to Section 403.815, F.S. and DER Rule 17-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice shall be published one time only within 30 days, in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. The applicant shall provide proof of publication to the Department, at the address specified within seven days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

The Department will issue the permit with the attached conditions unless a petition for an administrative proceeding (hearing) is filed pursuant to the provisions of Section 120.57, F.S.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400. Petitions filed by the permit applicant and the parties listed below must be filed within 14 days of receipt of this intent. Petitions filed by other persons must be filed within 14 days of publication of the public notice or within 14 days of receipt of this intent, whichever first occurs. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information;

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;

(d) A statement of the material facts disputed by Petitioner, if any;

(e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;

(f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and

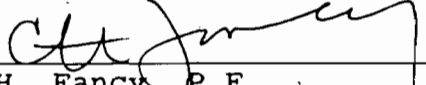
(g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any decision of the Department with regard to the application(s) have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office in General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such

person has to request a hearing under Section 120.57, F.S., and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

Copies furnished to:

Bill Thomas, SW Dist.
Jerry Campbell, EPCHC
Anthony Lenkei, P.E.

State of Florida
Department of Environmental Regulation
Notice of Intent to Issue

The Department of Environmental Regulation hereby gives notice of its intent to issue a permit (AC 29-172279) to Consolidated Minerals, Inc., P. O. Box 790, Plant City, Florida 33564, to construct a borax storage/handling system at their existing phosphate chemical plant located on Coronet Road, Plant City, Hillsborough County, Florida. Particulate matter emissions from the new source are estimated to be 0.2 lbs/hr and 0.1 TPY. These emissions will not violate any ambient air quality standard. A determination of Best Available Control Technology (BACT) was not required. The Department is issuing this Intent to Issue for the reasons stated in the Technical Evaluation and Preliminary Determination.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, within fourteen (14) days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The Petition shall contain the following information:

- (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
- (b) A statement of how and when each petitioner received notice of the Department's action or proposed action;
- (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
- (d) A statement of the material facts disputed by Petitioner, if any;
- (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action;
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The application is available for public inspection during business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Department of Environmental Regulation
Bureau of Air Regulation
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Department of Environmental Regulation
Southwest District
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

Environmental Protection Commission of
Hillsborough County
1410 North 21st Street
Tampa, Florida 33605

Any person may send written comments on the proposed action to Mr. Bill Thomas at the Department's Tallahassee address. All comments mailed within 14 days of the publication of this notice will be considered in the Department's final determination.

Technical Evaluation
and
Preliminary Determination

Consolidated Minerals, Inc.
Hillsborough County
Plant City, Florida

Borax Storage/Handling System
File No. AC 29-172279

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

January 31, 1990

I. General Information

A. Applicant

Consolidated Minerals, Inc. (CMI)
P. O. Box 790
Plant City, Florida 34289

B. Request

On November 3, 1989, the applicant submitted an application for a permit to construct a borax storage/handling system. This application was considered complete on December 15, 1989, when additional information on the project was received (CMI letter dated December 12, 1989).

C. Project and Location

The applicant proposes to install a pneumatic rail car unloading conveyor, borax bulk storage tank, enclosed conveyor belt, and a Flex-Kleen Model 84 BVBS-16 dust collect to serve the KBF4 plant currently operating under permit No. AO 29-139058 at their phosphate chemical plant (SIC 2899) located on Coronet Road, Plant City, Hillsborough County, Florida. The UTM coordinates of this plant are Zone 17, 393.8 km N and 3096.3 km E.

Borax will be pneumatically unloaded from railroad cars to the 200 ton capacity bulk storage tank at a rate of 16,000 lbs/hr. The 800 CFM of air used to transport the borax will be discharged through a 170 ft² baghouse to the atmosphere. Up to 500 hrs/year will be spent unloading borax from the train cars. The borax will be gravity fed from the storage tank to an enclosed conveyor belt which carries the raw material to reactor tanks Nos. 1 and 2 of the existing KBF4 plant.

D. Emission

The applicant has accepted a particulate matter emission standard of 0.03 gr/dscf for the dust collector. At a flow of 800 cfm for 500 hrs/yr, the particulate matter emissions will be 0.2 lbs/hr and 0.1 TPY. There should be no visible emissions from the dust collector at these emission rates. The applicant will be required to employ reasonable precautions to minimize unconfined emissions of particulate matter from other parts of the system.

II. Rule Applicability

The proposed project, installation of a borax storage/handling system at a phosphate chemical plant (SIC 2899), is subject to preconstruction review under the provisions of Chapter 403, F.S., and Chapter 17-2, F.A.C.

The plant site is in an area designated nonattainment for ozone (F.A.C. Rule 17-2.410), in the area of influence of the Hillsborough County TSP Nonattainment Area (F.A.C. Rule 17-2.410), and attainment for other criteria pollutants (F.A.C. Rule 17-2.420).

The phosphate feed preparation plant is a major facility because permitted particulate matter emissions exceed 100 TPY. The increase in emissions by this project will be less than the significant emission rates listed in Table 500-2 of Chapter 17-2, F.A.C.

The project is exempt from the preconstruction review requirements of F.A.C. Rules 17-2.500(5) and 17-2.510(4) because it will not cause a significant net emissions increase of any pollutant.

The proposed project is subject to F.A.C. Rule 17-2.520, Sources Not Subject to PSD or Nonattainment Requirements. Emission standards shall be based on F.A.C. Rules 17-2.610(2), 17-2.610(3), 17-2.650(2)(c)5, 17-2.650(2)(c)12, and 17-2.700(1)(d)6. Higher emissions could subject the project to other regulations.

III. Technical Evaluation

Use of the 170 ft² dust collector to filter the 800 acfm of air used to pneumatically transfer 16,000 lbs/hr of borax from the rails cars to the proposed bulk storage tank will result in particulate matter emissions of 0.03 grains/dscf, 0.2 lbs/hr, and, based on 500 hrs/yr operation, 0.1 TPY. This degree of control is acceptable to the Department.

The applicant will also need to provide reasonable precautions to minimize unconfined emissions from this source. The reasonable precautions include clean up of spills and sealing transfer points between the bulk storage tanks and the process equipment.

A properly designed, maintained, and operated borax storage/handling system should have no visible emissions.

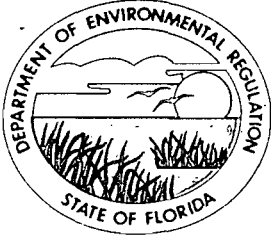
IV. Ambient Air Impact

It is the judgement of the Department that the allowable emissions from this project will not violate any ambient air quality standard or PSD increment.

V. Conclusion

Based on the information provided by Consolidated Minerals, Inc., the Department has reasonable assurance that the proposed construction/installation of the borax bulk tank and dust collector, as described in this evaluation and subject to the conditions proposed herein, will not cause or contribute to a violation of any air quality standard, PSD increment, or any other technical provision of Chapter 17-2 of the Florida Administrative Code.





Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 34289

Permit Number: AC 29-172279
Expiration Date: July 1, 1990
County: Hillsborough
Latitude/Longitude: 27°59'21"N
82°04'48"W
Project: Borax Storage/Handling
System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Construction of a borax storage/handling system consisting of an 8 TPH pneumatic rail car conveyor, a 200 ton capacity bulk storage tank, an enclosed belt conveyor, and a Flex-Kleen Model 84 BVBS-16 dust collector (170 ft² filter handling an air flow of 800 acfm). The borax storage/handling system will be located at CMI's feed supplement facility (SIC 2899) on Coronet Road, Plant City, Hillsborough County, Florida. The UTM coordinates of this plant are Zone 17, 393.8 km E and 3096.3 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received November 3, 1989.
2. DER letter dated November 28, 1989.
3. CMI letter dated December 12, 1989.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: July 1, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: July 1, 1990

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: July 1, 1990

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: July 1, 1990

GENERAL CONDITIONS:

records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Rail car unloading operations shall not exceed a rate of 8 TPH or occur more than 500 hours in any 12 month period. The permittee shall maintain a log to show compliance with this condition.

2. Particulate matter emissions from the dust collector serving the borax bulk storage tank shall not exceed 0.03 grains/dscf, 0.21 lbs/hr, 0.2 TPY, or 5% opacity. Compliance with these conditions shall be determined by EPA Methods Nos. 5 and 9 described in 40 CFR 60, Appendix A (July 1, 1988) while the tank is being loaded at its permitted rate. The Method 5 test will be waived if visible emissions from the dust collector are less than 5% opacity.

3. The Environmental Protection Commission of Hillsborough County shall be notified at least 15 days prior to any compliance test.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: July 1, 1990

SPECIFIC CONDITIONS:

4. The permittee shall use reasonable precautions to minimize unconfined emissions from this plant. These precautions shall include keeping covers on the process equipment openings, use of covered rail cars to transport the borax, cleaning up spills promptly, and wetting the area if needed to minimize unconfined emissions.

5. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

6. An application for an operation permit must be submitted to the Environmental Protection Commission of Hillsborough County office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this _____ day
of _____, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION

Dale Twachtmann, Secretary

P 938 762 886

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

PS Form 3800, June 1985

Sent to F.W. Cheesman	
Street and No. CMI - P.O. BOX 790	
P.O., State and ZIP Code Plant City, FL	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date mailed 1/31/90	

Put your address in the "RETURN TO" Space on the reverse side of this card to ensure that this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. <input type="checkbox"/> Show to whom delivered, date, and addressee's address. (Extra charge) 2. <input type="checkbox"/> Restricted Delivery (Extra charge)	
3. Article Addressed to: F.W. Cheesman, Pres. Consolidated Minerals, Inc. P.O. BOX 790 Plant City, FL 33564	4. Article Number P 938 762 886 Type of Service: <input checked="" type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X <i>Mary</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X	
7. Date of Delivery 2.2.90 <i>[Signature]</i>	

RECEIPT



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL REGULATION NOTICE OF PERMIT

Mr. F. W. Cheesman, President
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 33564

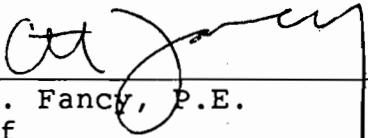
March 1, 1990

Enclosed is construction permit No. AC 29-172279 for Consolidated Minerals, Inc. to construct a borax storage/handling system at your phosphate chemical plant in Plant City, Hillsborough County, Florida. This permit is issued pursuant to Section 403, Florida Statutes.

Any party to this permit has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this permit is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION



C. H. Fancy, P.E.
Chief
Bureau of Air Regulation

Copy furnished to:

Bill Thomas, SW Dist.
Jerry Campbell, EPCHC
Anthony Lenkei, P.E.

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this NOTICE OF PERMIT and all copies were mailed before the close of business on 3-6-90.

FILING AND ACKNOWLEDGEMENT
FILED, on this date, pursuant to
§120.52(9), Florida Statutes, with
the designated Department Clerk,
receipt of which is hereby
acknowledged.

Zum Jabbar

Clerk

3-6-90

Date

Final Determination

Consolidated Minerals, Inc.
Hillsborough County
Plant City, Florida

Borax Storage/Handling System
Permit No. AC 29-172279

Department of Environmental Regulation
Division of Air Resources Management
Bureau of Air Regulation

February 27, 1990

Final Determination

The Technical Evaluation and Preliminary Determination for the permit to construct a borax storage/handling systems at Consolidated Minerals, Inc.'s phosphate chemical plant in Plant City, Hillsborough County, Florida, was distributed on January 31, 1990. The Notice of Intent to Issue was published in the Tampa Tribune on February 7, 1990. Copies of the evaluation were available for public inspection at the Environmental Protection Commission of Hillsborough County's office in Tampa and the Department's offices in Tampa and Tallahassee.

No comments were submitted on the Department's Intent to Issue the permit; however, at the applicant's request, the expiration date was changed from July 1, 1990, to September 1, 1990. The final action of the Department will be to issue construction permit No. AC 29-172279 as proposed in the Technical Evaluation and Preliminary Determination.



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

PERMITTEE:
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 34289

Permit Number: AC 29-172279
Expiration Date: Sept. 1, 1990
County: Hillsborough
Latitude/Longitude: 27°59'21"N
82°04'48"W

Project: Borax Storage/Handling
System

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 17-2 and 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Construction of a borax storage/handling system consisting of an 8 TPH pneumatic rail car conveyor, a 200 ton capacity bulk storage tank, an enclosed belt conveyor, and a Flex-Kleen Model 84 BVBS-16 dust collector (170 ft² filter handling an air flow of 800 acfm). The borax storage/handling system will be located at CMI's feed supplement facility (SIC 2899) on Coronet Road, Plant City, Hillsborough County, Florida. The UTM coordinates of this plant are Zone 17, 393.8 km E and 3096.3 km N.

The source shall be constructed in accordance with the permit application, plans, documents, amendments and drawings, except as otherwise noted in the General and Specific Conditions.

Attachments are listed below:

1. Application received November 3, 1989.
2. DER letter dated November 28, 1989.
3. CMI letter dated December 12, 1989.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:

- a. Have access to and copy any records that must be kept under the conditions of the permit;
- b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
- c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

- a. a description of and cause of non-compliance; and
- b. the period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

PERMITTEE: Consolidated Minerals, Inc. Permit Number: AC 29-172279 Expiration Date: September 1, 1990

GENERAL CONDITIONS:

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 17-4.120 and 17-30.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. The permittee shall comply with the following:

- a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
- b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and

PERMITTEE:
Consolidated Minerals, Inc.

Permit Number: AC 29-172279
Expiration Date: September 1, 1990

GENERAL CONDITIONS:

records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

c. Records of monitoring information shall include:

- the date, exact place, and time of sampling or measurements;
- the person responsible for performing the sampling or measurements;
- the dates analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. Rail car unloading operations shall not exceed a rate of 8 TPH or occur more than 500 hours in any 12 month period. The permittee shall maintain a log to show compliance with this condition.

2. Particulate matter emissions from the dust collector serving the borax bulk storage tank shall not exceed 0.03 grains/dscf, 0.21 lbs/hr, 0.2 TPY, or 5% opacity. Compliance with these conditions shall be determined by EPA Methods Nos. 5 and 9 described in 40 CFR 60, Appendix A (July 1, 1988) while the tank is being loaded at its permitted rate. The Method 5 test will be waived if visible emissions from the dust collector are less than 5% opacity.

3. The Environmental Protection Commission of Hillsborough County shall be notified at least 15 days prior to any compliance test.

PERMITTEE: Consolidated Minerals, Inc. Permit Number: AC 29-172279
Expiration Date: September 1, 1990

SPECIFIC CONDITIONS:

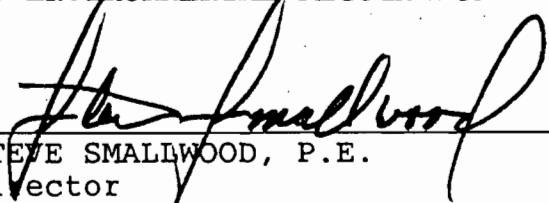
4. The permittee shall use reasonable precautions to minimize unconfined emissions from this plant. These precautions shall include keeping covers on the process equipment openings, use of covered rail cars to transport the borax, cleaning up spills promptly, and wetting the area if needed to minimize unconfined emissions.

5. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit (F.A.C. Rule 17-4.090).

6. An application for an operation permit must be submitted to the Environmental Protection Commission of Hillsborough County office at least 90 days prior to the expiration date of this construction permit or within 45 days after completion of compliance testing, whichever occurs first. To properly apply for an operation permit, the applicant shall submit the appropriate application form, fee, certification that construction was completed noting any deviations from the conditions in the construction permit, and compliance test reports as required by this permit (F.A.C. Rule 17-4.220).

Issued this 28th day
of February, 1990

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL REGULATION




STEVE SMALLWOOD, P.E.
Director
Division of Air Resources
Management



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Steve Smallwood
FROM: Clair Fancy 
DATE: February 27, 1990
SUBJ: Approval of CMI Permit Application
State Construction Permit No. AC 29-172279

Attached for your approval and signature is a construction permit prepared by the Bureau of Air Regulation for the above mentioned company to construct a borax storage/handling system at their phosphate chemical plant in Plant City, Hillsborough County, Florida.

Day 90, after which this permit will be issued by default, is April 16, 1990.

I recommend your approval and signature.

Attachment

CF/plm

BEST AVAILABLE COPY

P 938 762 842

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL
(See Reverse)

PS Form 3800, June 1985

Sent to Mr. F. W. Cheesman, Consolidat	
Street and No. P. O. Box 790 Minerals	
P.O. State and ZIP Code Plant City, FL 33564	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date Mailed: 3-6-90 Permit: AC 29-172279	

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to: Mr. F. W. Cheesman President Consolidated Minerals, Inc. P. O. Box 790 Plant City, Florida 33564	4. Article Number P 938 762 842
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
Always obtain signature of addressee or agent and DATE DELIVERED.	
5. Signature - Address X	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent <i>[Signature]</i>	
7. Date of Delivery 3-8-90	



Florida Department of Environmental Regulation

Twin Towers Office Bldg. • 2600 Blair Stone Road • Tallahassee, Florida 32399-2400

Bob Martinez, Governor

Dale Twachtmann, Secretary

John Shearer, Assistant Secretary

July 13, 1990

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. F. W. Cheesman, President
Consolidated Minerals, Inc.
P. O. Box 790
Plant City, Florida 33564

Re: Permit No. AC 29-172279, Borax Storage/Handling System

The Department is in receipt of Mr. Robert Harrison, Jr.'s June 28, 1990, letter requesting an extension of the expiration date for the referenced construction permit. The additional time is needed to obtain a pneumatic rail car, place the system in operation, conduct the compliance tests, and submit an application for an operation permit.

This request is acceptable and the expiration date of construction permit No. AC 29-172279 is extended from September 1, 1990 to December 1, 1990. A copy of this letter must be filed with the referenced construction permit and shall become a part of that permit.

Sincerely,

STEVE SMALLWOOD, P.E.
Director
Bureau of Air Resources
Management

SS/WH/plm

Attachment: CMI letter dated June 28, 1990

c: Bill Thomas, SW District
Jerry Campbell, EPCHC

PM
6-24-90
Plant - City, FL

CMI

CONSOLIDATED MINERALS, INC.
FEED SUPPLEMENT DIVISION

RECEIVED

JUL 2 1990

DER-BAQM

June 28, 1990

Mr. C. H. Fancy, P.E.
Deputy Chief Bureau of Air Quality Management
Florida Department of Environmental Regulation
Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, FL 32399-2400

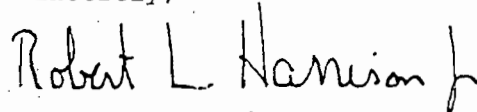
Re: Permit AC29-172279

Dear Mr. Fancy:

Consolidated Minerals, Inc. is requesting that construction permit, AC29-172279, be extended to December 1, 1990. The reason for this extension is that pneumatic rail cars have been unavailable for this product. At this time we believe that one will arrive in late July or early August.

Should you have any questions concerning this matter, please contact me.

Sincerely,



Robert L. Harrison, Jr.
Environmental Supervisor

RLH:cr

cc: F. W. Cheesman
Bill Thomas/SW District
Jerry Campbell/HCEPC



State of Florida
DEPARTMENT OF ENVIRONMENTAL REGULATION

For Routing To Other Than The Addressee	
To: _____	Location: _____
To: _____	Location: _____
To: _____	Location: _____
From: _____	Date: _____

Interoffice Memorandum

TO: Steve Smallwood
FROM: Clair Fancy *CF*
DATE: July 13, 1990
SUBJ: Amendment of Construction Permit AC 29-172279
Consolidated Minerals, Inc.

Attached for your approval and signature is a letter prepared by Willard Hanks that will extend the expiration date of a permit to construct a borax storage/handling system at CMI's phosphate Chemical plant in Plant City, Hillsborough County, Florida. This additional time is needed to obtain a pneumatic rail car and place the system in service.

The request is not controversial.

I recommend your approval and signature.

CF/plm

Attachemnt

7-12-90
Please mail-
out if you have
the time. *Shaw*
Ben

P 256 396 114

RECEIPT FOR CERTIFIED MAIL

NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

(See Reverse)

U.S.G.P.O. 1989-234-555

PS Form 3800, June 1985

Sent to	F. W. Cheesman.
Street and No.	Consolidated Minerals.
P.O. State and ZIP Code	P.O. Box 790
Postage	Plant City FL
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt showing to whom and Date Delivered	
Return Receipt showing to whom, Date, and Address of Delivery	
TOTAL Postage and Fees	\$
Postmark or Date	7-12-90
	AC 29-172279

SENDER: Complete items 1 and 2 when additional services are desired, and complete items 3 and 4.
Put your address in the "RETURN TO" Space on the reverse side. Failure to do this will prevent this card from being returned to you. The return receipt fee will provide you the name of the person delivered to and the date of delivery. For additional fees the following services are available. Consult postmaster for fees and check box(es) for additional service(s) requested.

1. Show to whom delivered, date, and addressee's address. (Extra charge) 2. Restricted Delivery (Extra charge)

3. Article Addressed to: F. W. Cheesman, Pres. Consolidated Minerals, Inc. P.O. Box 790 Plant City, FL 33564	4. Article Number P 256 396 114
	Type of Service: <input type="checkbox"/> Registered <input type="checkbox"/> Insured <input checked="" type="checkbox"/> Certified <input type="checkbox"/> COD <input type="checkbox"/> Express Mail <input type="checkbox"/> Return Receipt for Merchandise
	Always obtain signature of addressee or agent and DATE DELIVERED.
5. Signature - Address X <i>Mary</i>	8. Addressee's Address (ONLY if requested and fee paid)
6. Signature - Agent X <i>[Signature]</i>	
7. Date of Delivery 7-16-90	