

## **CONCRETE BATCHING PLANT**



#### COMPLIANCE INSPECTION CHECKLIST

INSPECTION TYPE: ANNUAL (INS1, INS2) COMPLAINT/DISCOVERY (CI) RE-INSPECTION (FUI) ARMS COMPLAINT NO:
AIRS ID#: 0690066 DATE: 11/6/08 ARRIVE: 11:30 AM DEPART: 1:00 PM  FACILITY NAME: MACK CONCRETE INDUSTRIES INC  FACILITY LOCATION: 23902 COUNTY RD 561  ASTATULA 34705
OWNER/AUTHORIZED REPRESENTATIVE: GREG LISKEY PHONE: (352)742-2333  CONTACT NAME: Ed Riffe, Facilties Manager PHONE:  ENTITLEMENT PERIOD: 11/5/2007 / 11/5/2012 (effective date) (end date)
PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box)  ☑ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE
PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C. (check ☑ appropriate box(es))  Stack Emissions  1. Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)? ————————————————————————————————————

PART II: <u>TESTING/RECORDKEEPING REQUIREMENTS</u> – Rule 62-296.414, F.A.C. – (continued) (check ☑ appropriate box(es)
Compliance Demonstration - (Rule 62-296.401(5)(i), F.A.C.)  1. Is each dust collector exhaust point tested according to the visible emissions limiting standard as part of the annual compliance demonstration? (Rule 62-297.310(7)(a), F.A.C.)
New Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)  2. Did this facility demonstrate:  a) initial compliance no later than 30 days after beginning operation?
Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)  3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date?  Yes \( \subseteq \) No
Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)  4. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed?    Yes □ No
PART III: OPERATING/RECORDKEEPING REQUIREMENTS - Rule 62-210.300(4)(c)2., F.A.C. (check ☑ appropriate box(es))
<ul> <li>(check ☑ appropriate box(es))</li> <li>1. Is this facility: 1) a stationary ☒; 2) a relocatable ☐; or does it have: 3) both, stationary and relocatable ☐</li> </ul>
<ol> <li>(check ☑ appropriate box(es))</li> <li>Is this facility: 1) a stationary ☒; 2) a relocatable ☐; or does it have: 3) both, stationary and relocatable ☐ concrete batching and/or nonmetallic mineral processing plants? (Please check ☒ only one box.)</li> <li>If this is a stationary concrete batching plant, is there one or more relocatable nonmetallic mineral processing plants using individual air general permits at the same location? (If your answer to this question is YES, then proceed to questions 2.a), thru 2.d), below.)————————————————————————————————————</li></ol>

PART III: OPERATING/RECORDKEEPING REQUIREMENT	TS - Rule 62-296.414(2)(a) and (b), F.A.C. (continued)			
(check ☑ appropriate box(es))				
Unconfined Emissions – (Rule 62-296.320(4)(c), F.A.C.)  1. Does the owner /operator of the concrete batching plant take emissions by:  a) management of roads, parking areas, stock piles, and yar  1) paving and maintenance of roads, parking areas, stock 2) application of water or environmentally safe dust-sup emissions?	ds, which shall include one or more of the following:  k piles, and yards?			
PART IV: SPECIAL CONDITIONS AND PROCEDURES – Ru  A. New or Modified Process Equipment  1. Since the last inspection has there been  a) installation of any new process equipment?  b) alterations to existing process equipment without repla c) replacement of existing equipment substantially difference recent notification form?  d) If you answered YES to any of the above, did the own notification form and appropriate fee (Rule 62-4.050, I local program office?	Yes No No ent than that noted on the most  Yes No No ent than that noted on the most  Yes No No ent than that noted on the most  Yes No er submit a new and complete			
Allen Rainey	11/6/08			
Inspector's Name (Please Print)	Date of Inspection			
Inspector's Signature	Approximate Date of Next Inspection			

#### COMMENTS:

- 1. Part III 1. a. 3) above -- All roads within the facility are composed of crushed rock.
- 2. Ed Riffe, Facilities Manager, relayed the following information: The facility manufactures monolithic manhole structures, precast utility vaults, sewage treatment structures, catch basins and other concrete structures used in road building. Prior to my visit this day, the facility received loads of cement and flyash. Structures that are rejected through quality control are collected for crushing and recycling. Crushing is conducted directly across the street about every five years and takes about two months to complete. Maxumum production is ~370 cubic yards of cement a day. Periodic emissions were noted
- 3. Emissions from the silos are controlled with CP series pulse jet collector cartriges. Periodic emissions were noted from near the top of the cement silo in the production area. See photo 14 that depicts the gasket to be used to repair the equipment. I requested that Mr. Riffe inform me of when the repair is made.
- 4. Cement manufacturing occurred throughout my visit.
- 5. Mr. Riffe and I toured the entire facility grounds on a golf cart. Vehicular traffic created white dust clouds over the tops of the vehicles. Over 90% of the facility grounds were dry. I advised that reasonable precautions needed to be taken to control the emissions. Mr. Riffe provided a facility diagram (attached) and drew purple highlights where rows of sprinklers have been installed, primarily around the production and molding areas. He turned on some of the rows of sprinklers during the inspection, as indicated by the yellow highlights. Mr. Riffe indicated a project to install more sprinklers thoughout the facility is ongoing. A water truck had wetted some of the grounds prior to my arrival. A dust suppressant called Euco Dust-Down Bulk was formerly used on the grounds, but is no longer used (see attached MSDS).
- 6. Obtained record for yards of material produced for October 2008.
- 7. Obtained Invoice dated 7/29/08 and Straight Bill of Lading dated 11/4/08 showing purchases of ultra low-sulfur diesel.
- 8. No objectionable odors were detected on or off the facility property.
- 9. No VE tests were conducted during the visit. Fourteen photographs taken.

Facility Name: Mack Concrete Industries	ID#: 0690066
Date: 11/6/08	Sky Conditions:
Photographer: Allen Rainey Ed Riffe present	clear

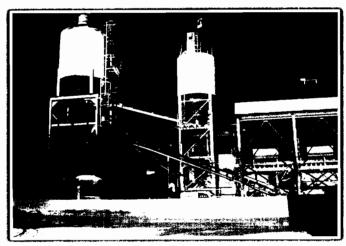


Photo 1 of 14: Northern view of production area. Cement and slag silos in foreground. Cement chute in lower left corner of photo dispenses cement into trough depicted in photo 3



Photo 2 of 14: Close-up view of production area and cement chute depicted in photo 1. Note cement trickeling from chute. The chute dispenser doow will be repaired using the green gasket depicted in photo 4.



Photo 3 of 14: Western view of production area trough (top of photo at left).



Photo 4 of 14: Gasket to be used in chute door (top of photo at left).

Digital Comera used. Photo files saved at:

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Facility Name: Mack Concrete Industries	ID#: 0690066
Date: 11/6/08	Sky Conditions:
Photographer: Allen Rainey Ed Rifle present	clear

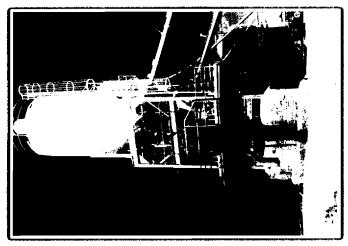


Photo 5 of 14: Nothern view of production area cement silo with chute (top of photo at left).

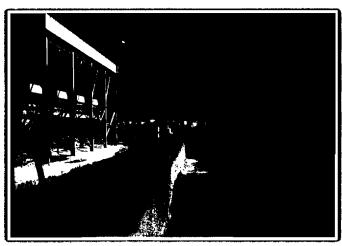


Photo 6 of 14: Eastern veiw of production area and yard; cement trough and agregate bins at left, mold storage building at right.



Photo 7 of 14: Eastern view of storage yard.



Photo 8 of 14: Eastern view of storage yard (similar view as depicted in photo 7).

Digital camera used. Photo files saved at.

Oil Compliance - Central Files | Inspection Reports 2008-2009 |

Lake 1069006 - Mark Concrete - Education

Facility Name: Mack Concrete industries	ID#: 0690066
Date: 11/6/08	Sky Conditions:
Photographer: Allen Rainey Ed Riffe present.	clear



Photo 9 of 14: NNE view of storage yard.

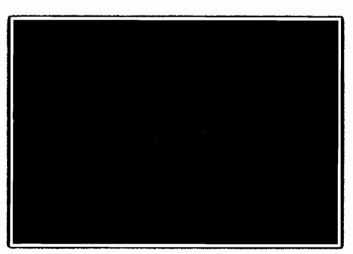


Photo 10 of 14: ESE view of storage yard.



Photo 11 of 14: NE view of storage yard.

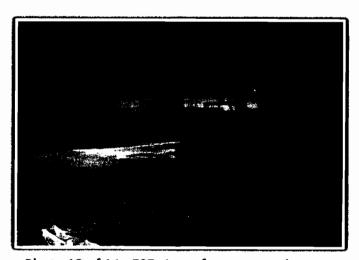


Photo 12 of 14: ESE view of storage yard.

Digital Camera used. Photo Files Saved at:
0: Compliance - Central Files | Inspection Reports 2008-2009 | Lake |
01.90066 - Mark Consider industries

Facility Name: Mack Con	crete Industries	ID#: 5690066
Date: ///6/08		Sky Conditions:
Photographer: Allen Rainey	Ed Riffe present.	clear

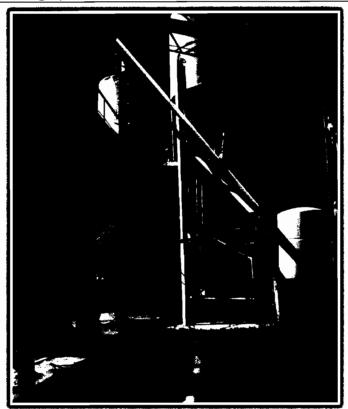


Photo 13 of 14: W view of production area.

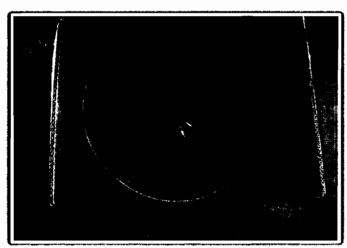
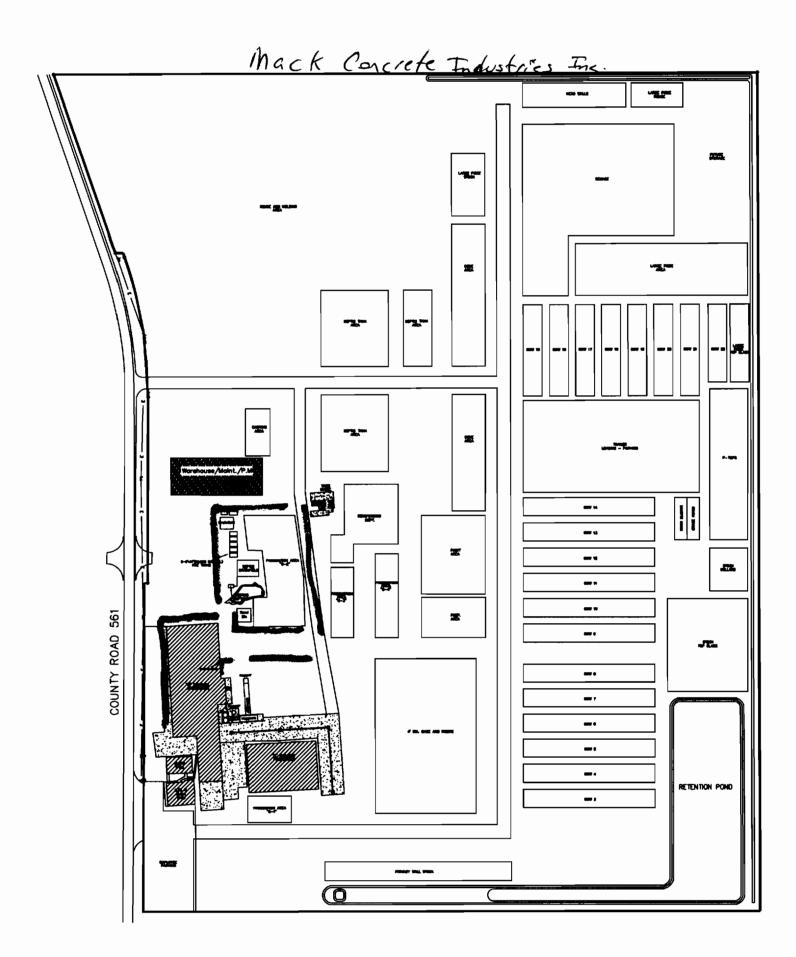
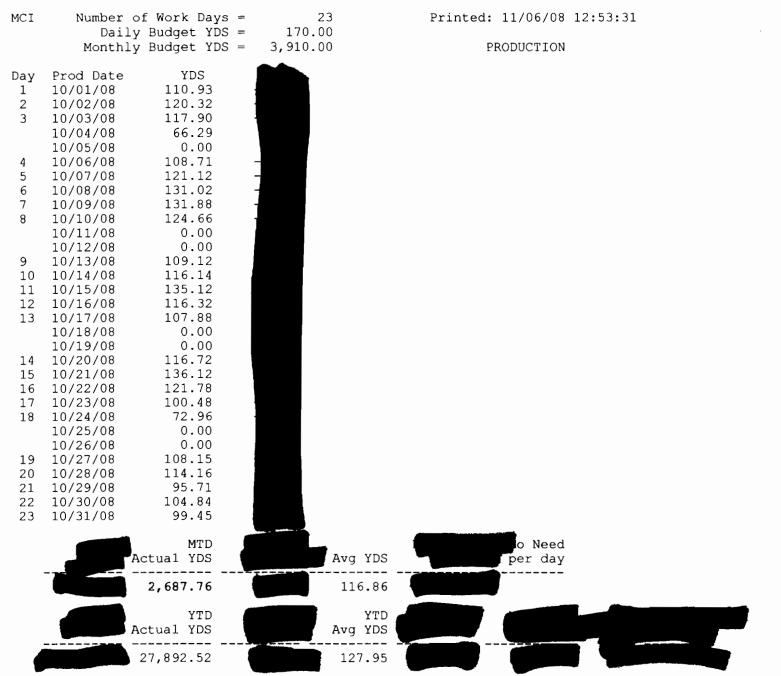


Photo 14 of 14: Gasket to be used in repairing leaking production area silo area.

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0:1 Compliance - Central Files \ Inspection Reports 2008-2009 \ Lake \
0690066 - Mack Concrete Industries







#### EUCO DUST-DOWN-BULK

Version 1

**REVISION DATE: 05/17/2005** 

Print Date 07/03/2007

#### SECTION 1 - PRODUCT IDENTIFICATION

Trade name

EUCO DUST-DOWN - BULK

Product code

835 99

COMPANY

**Euclid Chemical Company** 19218 Redwood Road

Cleveland, OH 44110

Telephone

1-800-321-7628

Emergency Phone:

J.S. onl<u>v: 1-800-255-39</u>2 International Lieure Call Children

Product use

#### SECTION 2 - HAZARDS IDENTIFICATION

#### Emergency Overview

Brown, Liquid. No serious effects anticipated under normal conditions of use. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention

#### Acute Potential Health Entry, who the sole Entry

Inhalation

No serious effects anticipated under compet conditions of us Direct contact may cause mild irritation.

Eyes

Ingestion

May cause gastrointestinal irritation, nausea, and vomiting.

Skin

Water

May cause mild imitation.

#### Aggravated Medical Conditions

Pre-existing eye, skin and respiratory disorders may be aggrevated by exposure.

Fillers are encapsulated and not expected to be released from product under normal conditions of the

#### SECTION 3 - PRODUCT COMPOSITION N

**Chemical Name** CAS-No.

> 7732-18-5 > 60.0

Sodium lignosulfonate 8061-51-8

#### SECTION 4 - FIRST AID MEASURES

Get immediate medical attention for any significant overexposure.

Inhalation

Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get

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Weight %

medical attention.

Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.



Print Date 07/03/2007

#### EUCO DUST-DOWNE BULK

Version 1

**REVISION DATE: 05/17/2005** 

Skin contact

Wast area of contact incroughly with hand cleaner tollowed by soap and water. If

imitation, rash or other disorders develop, get medical attention immediately.

Ingestion

Get medical attention. Do not induce vomiting:

Notes to physician

: Not applicable.

#### SECTION 5 - FIRE FIGHTING MEASURES

Flash point

Method ·

Vot Available Not available

Lower explosion limit Upper explosion limit

Not available.

Not available

Autoignition temperature

Not available.

Extinguishing media

This product is not expected to burn under normal conditions of use.

Hazardous combustion

Carbon monoxide and carbon dioxide can form. Smoke, turnes.

products

Protective equipment for tirefighters

Use accepted fire fightling techniques. Wear full firefighting protective Mana aya baranan arang dan dan dan karanan arang dan Mana

Fire and explosion conditions

This product in the critical and the content of the

#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

Transfer to appropriate container for disposal.: Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other sultable material; Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

WOLF BASE SEE HOLE OF A HOLE

#### SECTION 7 - HANDLING AND STORAGE

Handle in compliance with common hypitale for the common hypitale freezing. Do not use in confined or poorly vantilated areas. Prevent inhalation of vapor, indestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to empited containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

Coonia de la coonia de la companya d

#### SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal protection equipment Respiratory protection

Not required updes comparon discussives. Wear a components NIOSH/MSHA supproved respirate which the tentilation is not adequate or list is because you abrade or grind surfaces coated with this product.

A STANDARD RESTAURANT

Hand protection

Use sultable impervious rubber or vinyl gloves and protective apparel to

reduce exposure.

Eye protection

Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily



#### EUCO DUST DOWN LEUTK

Version 1

**REVISION DATE: 05/17/2005** 

available.

Skin and body protection

Prevent contact with shoes and clothing. Use rubber apron and overshoes.Other equipment not normally required. Use professional judgment in the

Protective measures

selection, care, and use.

Engineering measures

Not required under normal conditions of use. Use local exhaust when the

general ventilation is inadequate

- Exposure Limits.

No known components with exposure limits

#### SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Form

: Liquid

Color

-11

Not evellable

7.77

2 12 hours of the

Vapour pressure Vapor density

: Heavier than air

Melting point/range

: Not available.

Freezing point

: Not available.

Boiling point/range

212 °F, 100 °C

Water ealubility

Specific Gravity

% Volatile Weight

#### SECTION 10 - REACTIVITY ISTABILITY

Substances to avoid

: Strong acids. Strong bases.

Stability

Stable

Hazardous polymerization

#### SECTION 11 TOXICOLOGICAL INFORMATION

Sodium lignosulfonate, CAS-No.: 8061-51-6

Heavier II an ac

Acute oral toxicity (LD-50 oral)

Vonte cial toxicità (rp-20 cial

40,000 mg/kg (Rat)



EUCO DUST-DOWN PBULL

**REVISION DATE: 05/17/2005** 

#### SECTION 12 - ECOLOGICAL INFORMATION

No Data Available

#### TO THE PARTY OF TH SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Method

Waste not regulated under RCRA\_incinerate at EPA approved facility or dispose of waste in compliance with state and local regulations.

#### SECTION 14 - TRANSPORTATION / SHIPPING DATA

TDG / DOT Shipping Description:

NOT REGULATED

#### SECTION 15 - REGULATORY INFORMATION

North American Inventories:

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on; or exempt from the Canadian Domestic Substances List.

U.S. Federal Regulations:

SARA 313 Components

SARA-311/312 Hazards Based of an evaluation of the

OSHA Hazardous Components : Consultation in St.

OSHA Flammability

Not Regulated

Regulatory VOC (less water and

exempt solvent)

VOC Method 310

U.S. State Regulations

Penn RTK Components.

Water

7732-18-5

Sodium lignosulfonate

8061-51-6

NJ RTK Components

Water

7732-18-5

Sodium lignosulfonate

8061-51-6

Chemicals known to the State of California to cause center birth defects and/or other re None known.

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Material Safety Data Sheet

8639675026



The Enolid Chemical Company

#### EUCO DUST-DOWN - BULK

**REVISION DATE: 05/17/2005** 

Print Date 07/03/2007

#### SECTION 16 - OTHER INFORMATION

#### **HMIS Rating:**

Health	0	150	Ų i ą
Flammability	0	•	
Reactivity	0	_	
PPE			÷.

O a Midming and the second of the second of

2 - Moderate

3 - Serious

4 = Severe

#### Further information:

For Industrial Use Only. Keep out of Reach of Children. The hazard information berein is offered solely for the consideration of the user, subject to their own investigation of recording the safe use of the product under every to resemble condition.

#### Prepared by Rich Mike

ACGIH - American Conference of Governmental Hygienists

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act

m, 5/4/5; nm;

DOT - Department of Transportation

DSL - Domestic Substance List

**EPA - Environmental Protection Agency** 

HMIS - Hazardous Materials Information S

IARC - International Agency for Re-

MSHA - Mine Safety Health Administra

NDSL - Non-Domestic Substance List-M NIOSH - National Institute for Occupational Safety and Health.

NTP - National Toxicology Program

OSHA - Occupational Safety and Health Administration

PEL - Permissible Exposure Limit

RCRA - Resource Conservation and Recovery Act

RTK - Right To Know

SARA - Superfund Amendments and Resulthorization Act
STEL - Short Term Exposure Limits

VOC - Volatile Organic Compound

WHMIS - Workplace Hazardous Materials Information

System



# ORIGINAL SCOTTY'S OIL COMPANY, INC. P.O. Box 620693

9507 Boyce Avenue Orlando, FL 32862

Phone: 407-859-7281 • Fax: 407-438-3590

PAGE NO.	INVOICE DAT
1	<u>07/29/0</u>
WAREHOUSE	INVOICE NO
1	194364

Ship Date: 07/29/08

SOLD MACK CONCRETE INDUSTRIES INC. P.O. BOX 157 ASTATULA, FL 34705

SHIP TOMACK CONCRETE INDUSTRIES INC. YARD ASTATULA, FL

P.O. NUMBER	ACCOUNT NO.	SHIP VIA	SALES I.D.	B.O.L. /	SHIPPING ORDER		TERM	 MS
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FL POLLI FL INSPE FL STATE FEDERAL D6 JLTRA LOW SUL FED. LEA	UNLEADED JNTY GAS TAX JTION FEE ECTION FEE E EXCISE GAS T Environ. Fee EXCISE GAS TA LPHUR DYED DIE AK. UNDERGROUN JTION FEE Environ. Fee	Recovery X/E10 SEL D STORAGE	60	79 GAL 79 GAL 6 GAL 6 GAL	0.13 0.02 0.00 0.15 0.00 0.13	071 125 600 120 300 98700 100		920.14 37.39 5.78 0.35 43.52 0.33 37.11 2416.12 0.61 12.55 0.73

SHIPPERS CERTIFICATION: "THIS IS TO CERTIFY THAT THE ABOVE-NAMED MATERIALS ARE PROPERLY CLASSIFIED DESCRIBED, PACKAGED, MARKED AND LABELD, AND ARE IN

> TOTAL AMOUNT

١				
		_		
	Hazardous Material Emergency Contact: Call Petrotech 1-800-293-1743 TOTAL			

### SCOTTY'S OIL COMPANY, INC.

P.O. BOX 620693 ORLANDO, FLORIDA 32862

## (407) 859-7281 FAX (407) 438-3590

STRAIGHT BILL OF LADING

Nº 197821

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то: М 60	V Concrete SHIP TO:	) )		
VELSI		416		
Kitch	MAN #		-	
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260.9	GALS. UNLEADED GAS 87	UNI	T PRICE TO	DTAL
			<del>-                                     </del>	
	GALS. PREMIUM UNLEADED GAS 93			
-	GALS. MIDGRADE GAS 89			
_	CONVENTIONAL GASOLINE- NOT FOR SALE IN REFORMULATED ARE	<b>A</b>		
	GALS. 1-K KEROSENE			
	GALS. ULTRA LOW-SULFUR DIESEL 15PPM MAX SULFUR			
700.	GALS. RED ULTRA LOW SULFUR DIESEL			
	GALS. HIGH-SULFUR DIESEL			
	DYED DIESEL FUEL-NON-TAXABLE USE ONLY			
	PENALTY FOR TAXABLE USE - OFF ROAD USE ONLY			
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	Hazardous Material Emergency Contact: Call Petrotech 1-800-293-1743	TAI		

TOTAL