SPILL PREVENTION, CONTROL AND COUNTERMEASURE PLAN (SPCC)

EMC OIL CORPORATION - TRANSFER FACILITY

FACILITY LOCATION:

8470 N.W. 68th Street

Miami, Florida 33166

FACILITY CONTACTS AND PHONE NUMBERS:

Owner – Ms. Maria E. Leon

(305) 477-7497 ext. 103 - office

(305) 345-1372 – Cell

Emergency Contact:

Facility Manager – Mr. George L. Vincente

(305) 345-1371 – Cell

(305) 279-7919 – Home

February 2018

8/2019

Prepared by: Prakash Lodha, P.E.

Florida Reg. # 43510

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FL DEP
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Appendix A

APPENDIX A

FACILITY OPERATIONS

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EMERGENCY RESPONSE PLAN FOR

E.M.C. OIL CORPORATION

I. Plan Introduction:

Plan Introduction: The information and procedures in this plan must be treated as guidelines only. It does not cover all incidents that can occur, nor does it replace professional good judgment of those present on the scene. Response decisions may involve consideration not addressed in this plan.

E.M.C. OIL CORPORATION
8470 N.W. 68th Street
Miami, Florida 33166
(305) 477-7497 – Facility Number
Miami Dade County, Florida

Owner: Maria Elena Perez-Leon

Procedures for contacting owner: (305) 477-7497 Office
(305) 345-1372 Cellular #1
(305) 345-1371 Cellular #2
(305) 279-7919 Home

By calling the above phone numbers, the owner can be contacted 24 hours a day.

II. Plan Content:

Emergency Response Action Plan

A. Notification procedures
B. Facility Spill Mitigation Procedures
C. Facility's Response Activities
D. Sensitive Areas (Fish and Wildlife)
E. Disposal Plan

1. Training and Drill Procedures
2. Plan Review
3. Appendices

EMERGENCY RESPONSE ACTION PLAN

A. Notification Procedures

Company Name: E.M.C. Oil Corporation, P.O. Box 520882, Miami, Florida 33152

Immediately call: George L. Vicente – Facility Response Personnel
Qualified Response Individual – Contact Numbers: (305) 477-7497
(305) 345-1371
(305) 345-1372
(305) 279-7919
Alternate Qualified Individual – Evelio Perez (305) 986-3613

Pursuant to Section 62-700.900 Forms, the person in charge (PIC) of the terminal facility is in charge of notification to FDEP of any accidental discharge into the surface water and or soil.

Report the Following Information

1. Name, occupation, title and telephone number of person making notification.
2. Type of pollutant spilled.
3. Location of the spill.
4. Date and time or incident.
5. Number of injuries of any type.
6. Size of area affected by the spill.
7. Cause of spill.
8. Type of tanker or vessel involved in the spill.
9. Estimated amount of spill.
10. Persons or agencies already contacted.
11. Containment and clean-up efforts to date.
12. Person or firm in charge of source.

REQUIRED STATEMENT – No matter the size of a spill or information gathered, we will give a required statement and notify proper authorities.

TELEPHONE NUMBERS FOR REPORTING SPILLS.

Federal National Center

1800-424-8802 (24 hours per day, 7 days per week)

Online Reporting to National Response Center

WWW.NRC.USCG.MIL

State:

State Warning Point

800-320-0519

The Florida Department
Of Environmental Protection
South East Districts Number

561-681-6600

Florida Marine Patrol

800-342-5367 (24 HOURS)

U.S. Environmental Protection Agency
Region 4 – 24 hour Spill Reporting Hotline

404-562-8700

Reporting Checklist:

Reporting Spills: For spills consisting of petroleum products that may endanger human health, welfare or the environment, notification is necessary. The State of Florida Department of Environmental Protection requests immediate notification of any petroleum discharge less than 25 gallons.

If the petroleum discharge is into water you must notify FDEP immediately and possibly the United States Coast Guard if the discharge is in navigable waterways.

Spills of Combustible Used Oil (Flashpoint of 100 – 200 F 49 CFR 173.120 (B)

Transporter must also complete USDOT Form F 5800.1 and sent it to State and Federal DOT offices. Form 5800.1 attached.

It is a violation to purposely discharge any type of hazardous material that may cause pollution. So as to harm health, welfare, animal, plant, aquatic life to environment.

Emergency action involving combustible liquids.

a. Small fires: Dry chemical CO2, Halon, water spray or standard foam fire extinguisher.

b. Large fires: Water spray, fog or standard foam is recommended. Move container from fire area if you can do it without risk. Cool containers that are exposed to flames with water from the side until well after fire is out. Stay away from ends of tanks.

c. For massive fire in cargo area, use unmanned hose holder or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Withdraw immediately in case of rising sound from venting safely device or any discoloration of tank due to fire.

EMERGENCY RESPONSE PROCEDURES

A. Immediate steps for drivers:

* Stay with vehicle until help arrives
* Call 911 for fire, medical or police assistance
* Use emergency numbers in spill plan to contact appropriate persons.
* Dike off or boom liquids from entering sewers, storm sewers, or water ways—follow emergency plan for further containment.

a. Emergency Response Plan:

This practical Emergency Response Plan is designed to provide a guide to appropriate actions in the event of a spill. The most important thing is to remain calm and try to get the situation under control as much as possible. If you are hurt or incapacitated, notify emergency personnel of the copy of this plan that should be in the glove compartment box.

1. DO NOT PANIC, REMAIN CALM. Examine your own condition first. If you or anyone else is hurt or incapacitated, call for medical assistance.

2. If you are o.k., assess the extent of rupture or damage to the vehicle. CLOSE off any valves, hatches or hoses – this will help store the oil flow.

3. Try to evaluate the degree of contamination to the environment, and estimate the number of gallons spilled.

4. If possible, PUMP LIQUID BACK INTO TANK, even if tank is ruptured. This will recycle the spilled oil to the truck rather than spreading on the ground.

5. Do your best to DIKE AHEAD OF THE SPILL to prevent from entering sewers and waterways.

SPILL CONTAINMENT PROCEDURES

A. Spills on Water:

Call for BOOMS or SWEEPS in lengths appropriate to contain spill. All absorbent material will be available to prevent the spill from spreading until help arrives. Skim oil into truck if possible. Determine the direction of the flow of water and set booms in front of flow to dam the oil. If notified help is not sufficient for the volume of spilled oil, call for tankers or vac trucks with skimmers.

B. Spills on Pavement:

Call for BOOMS, PADS and CLAY ABSORBENT (OIL DRY) amounts appropriate for spill. Use booms to contain pill by wiping them in a circular motion. Use truck pump with skimmer to remove oil. If spill is too large for booms: (a) call for sand, and contain spreading oil by using sand to circle the spill; (b) call for vac truck, skimmer and backhoe. Remove oil soaked sand, place on plastic tarps and cover sand with additional plastic or tarps to prevent rain from spreading oil.

C. Spills on Soil:

Call for EARTH-MOVING EQUIPMENT (loader, backhoe, dump truck) and SAND. Determine direction of oil flow, and excavate an area for the oil to flow into. Around spill, contain oil with sand berm. Pump liquid oils into truck. Prepare a plastic tarp and sand berm on an area of clean ground. Prepare a plastic tarp and sand berm on an area of clean ground. Remove oil-soaked soil to trap while making sure that soil is contained by tarp and berm. Have backhoe remove on foot below surface of spill, or until visually clean. Call for further assistance to remove soil for treatment.

D. Removing Oil-Soaked Material:

Place all used absorbent material in 17-H DOT 55 gallon drums. Management will have these picked up and legally disposed of at an appropriate facility.

E. Spills while loading used oil via rail car:

Shuf off pumping operations, close all valves and control spill and containment by containing through booms and absorbents. Call all local authorities and all other personnel on duty for spill responses necessary.

Figure I – Information on discharge (involved parties)

(A) Reporting party	(B) Suspected responsible party
Name	Name
Telephone	Telephone
Company	Company
Position	Organization type:
Address	-Private citizen
Address	-Private enterprise
	-Public utility
	-Local government
	-State government
	-Federal government
City	City
State	State
Zip	Zip

*It is not necessary to wait for all information before calling NRC. National Response Center 1-800-424-8802.
Were materials discharged (Y/N)?
Calling for Responsible Party (Y/N)?

Incident Description

Source and/or Cause of Incident

Date – Time:
Cause:

Incident Address/Location Nearest City
Distance from City
Storage Tank Container Type – Above ground (Y/N) Below ground (Y/N) Unknown

Facility Capacity

Tank Capacity
Latitude Degrees
Mile Post or River Mile

Materials

Discharge Unit of Quantity Measure Discharged Material Quantity in Water

Response Action

Actions Taken to Correct or Mitigate Incident

Number of Injuries / Number of Fatalities
Were there Evacuations (Y/N/U)? Number Evacuated
Was there any Damage (Y/N/U)? Damage in Dollars

Additional Information

Any information about the Incident not recorded elsewhere in the report

Caller Notifications

USCG EPA State Other

B. Facility's Spill Mitigation Procedures:

Oil Spill Check Off List

If a spill is discovered:

1. Report spill to terminal office. The terminal office will notify FDEP.
2. Search for, locate and verify any spill.
3. If casualty related, stabilize the situation (vessel collision/fire/pipeline damage).
4. Immediately STOP, CONTROL or MITIGATE the spill and contain the pollutant.
5. Deploy/apply response equipment carried in tank truck. Call clean-up contractor if needed.
6. Act as on-scene coordinator until relieved of that duty by:

    (a) another authorized terminal employee
    (b) on scene coordinator designed by terminal manager.

7. Verify with terminal manager/office that required notifications have been made.
8. While acting as on-scene coordinator, the driver has the authority to summon clean-up contractors. This will normally be accomplished through the terminal manager, unless he/she cannot be immediately reached.

SPILL SCENARIOS

E.M.C. Oil Corporation operates a 3 compartment tank truck totaling 3,500 gallons. Compartment #1 holds 500 gallons; Compartment #2 holds 500 gallons and Compartment #3 holds 2,500 gallons for over water transfers of spent petroleum products at a time.

The average most probable discharge would occur during hook-up of transfer hoses from one compartment. The volume of product discharge for this type of spill would be less than 35 gallons.

The maximum most probable discharge would be 350 gallons.

Scenario (A)

To prevent a spill of this kind, make sure hose are empty of product before transfer operations begin! After locking couplings together tie an absorbent pad around the ears of the coupling for incidental leaks. Place absorbent materials at all connections. If a spill should occur during hook-up – immediately put hose end in a 5 gallon bucket. Engage PTO and drain hoses of product. While PTO is engaged pump onto tanker any free product that may have spilled. Assess situation and act accordingly.

Scenario (B)

To prevent a spill of this kind, BEFORE PUMPING OPERATION BEGINS, inspect all hoses and connections for cracks, broken straps and worn areas. Place around truck and hoses booms that are supplied on each truck. At all times during pumping be alert to mechanical problems. During pumping operations look at pump and connections to spot potential problems. Check volume often during pumping operations.

If a spill should occur during pumping operations, immediately shut down pumping operations. Do this by shutting off the PTO, located on the floor in the cab of the truck. Contain spill if not already done by using the booms. If the problem can be fixed or solved restart PTO and pump a free product back onto the tanker. Assess situation and act accordingly.

Scenario (C)

The worst case probable discharge would be at least 3,500 gallons.

This is the worse case spill for E.M.C. Oil Corporation. Each driver must inspect his tanker daily. Look for weeping product from any stress cracks are detected immediately WRITE IT UP ON YOUR DAILY INSPECTION REPORT FORM AND (OOS) OUT OF SERVICE THE TANKER, NEVER USE AN UNPREPARED TANKER FOR OVER WATER TRANSFER OR ANY TRANSFER.

If a spill of this kind occurs immediately STOP all pumping activities by shutting off the PTO and give all attention to the problem at hand.

Refer to notifications procedures:

The size and location of the spill and the threat of any further discharge will determine the equipment and response needed to quickly and correctly respond to, contain and recover the pollutant.

The amount, type and characteristics of the pollutant must be quickly verified and reported to the Terminal Manager who will summon appropriate equipment and personal resources.

E.M.C. Oil Corporation has contracted with the clean-up form of Coffin Marine to quickly respond to any spill. They can be on scene with at least 200 feet of containment boom and the means of commencing deploying and anchoring the boom available at the spill site within 1 hour of the detection of a spill to respond to the average most probable discharge upon receiving a telephone report of the spill. There is adequate absorbent material at the facility for initial response to an average probable discharge.

E.M.C. Oil secures pump valves systems, secure hoses where it may be leaking. Immediately lays out absorbent and booms especially leading to any drainage or waterways. Start picking up booms and absorbents to start fluid into water/ocean – pump absorbent floating product off waterway with either boom, pads, vacuum truck or pump truck. We use biodegradable degreaser to clean up any spots on asphalt and concrete and dispose of properly.

Call all supervisors of base of facility, report if its more you can control and contact our sub-contractor, Coffin Marine Services, Inc.

DO NOT HESITATE TO CALL THE CLEAN UP CONTRACTOR IF WARRANTED!

It is the responsibility of the driver of the tanker to act as person in charge, until relieved of that duty by the Terminal Manager.

Oil Response Organization/OSRO:

Cliff Berry Inc. = 24 hour emergency response
1800-899-7745
P.O. Box 13079
Port Everglades Station
Ft. Lauderdale, Florida 33316
Office: 954-763-3390 Fax: 954-764-0415

SWS Environmental
Ft. Lauderdale Office
6900 Northwest 12th Avenue
Fort Lauderdale, Florida
Tel: 1-954-957-7271

Any spent products as a result of a spill or discharge (absorbents) will be drummed and taken to an EPA approved disposal facility:

Triumvirate of Florida
Ft. Lauderdale, Florida
Attn: Orlando
Tel: 954-583-3795

All materials will be manifested and disposed of according to EPA guidelines.

OPERATIONS MANUAL
TRAINING AND EMERGENCY RESPONSE MANUAL

George L. Vicente, PIC conducted said training on E.M.C. Oil Corp.'s Operation Manual and Emergency Response Manual and the following was affirmed:

1. **Notification Procedures** – Office notifies 4 hours prior to debunkering and driver needs to have a copy of said notification of debunkering.
2. **Declaration of Inspection** – Upon PIC's arrival, they must meet and greet the commander in chief engineer at said port and must go over what is expected at the debunkering.
3. **Emergency Notification Forms** – Form gets filled out if there was an emergency spill while transferring.
4. **PIC** – Means that you are authorized to make transfers and decisions in case of emergency spill to contact OSRO and make decisions(financials).
5. **Hoses** – All hoses must have all proper markings as said in the Operations Manual. Unmarked hoses are not permissible.
6. **Extinguishers** – Two fire extinguishers need to be on trucks at all times.

7. **Loading & Offloading** – PICs are aware where shutoff valves are located in case of emergency procedures.
8. **Emergency Numbers** – We went over emergency numbers and location in Manual.
9. **Emergency Response Manual** – All manual was covered

Attendees:

Maria E. Perez Leon

George L. Vicente

Helys Abraham-Solana

Evelio Perez

Alfredo Garcia

Osvaldo Betancourt

Dated 1/10/2019

Appendix B

Appendix B

APPENDIX B

SPILL RESPONSE PLAN

SPILL RESPONSE

The above ground tank is secondarily contained in the diked area and the dike is large enough to hold 110% of the volume of the tank (calculations shown else where), any spilled product will be pumped out or removed with an absoebent material and disposed off properly. The facility to be maintained per applicable Miami-Dade County, regulations, Florida Administrative Code - Chapters 62-770, 62-761 and 62-762 regulations.

The facilty will maintain adequate supplies of equipment/material to handle all spills. The list of equipment is included in Appendix A.

FACILITY INSPECTIONS

The facility will be inspected by operators/management per schedule described in the SPCCP. A record of quarterly inspections will be maintained in the SPCCP.

CERTIFICATION

I hereby certify and attest that the information contained herein is true, correct and complete to the best of my knowledge. Furthermore, I agree to maintain and operate this facility in compliance with all local, state and federal codes and in compliance with this plan

Ms. Maria E. Leon - Owner

Sworn to and subscribed before me this 18TH day of February 2019

Seal

GRACE CLEMENS
Notary Public – State of Florida
Commission # GG 156524
My Comm. Expires NOV 1, 2021
Bonded through National Notary Assn.

Notary Public

FACILITY INSPECTION CHECKLIST

Instructions: This inspection record is for quarterly inspection to be carried out by a person who is familiar with the facility. If any responses require elaboration it should be done in the comments column.

Date of Inspection: Name of Inspector:

	Yes	No	Comments
1. Tank surface shows signs of corrosion			
2. The tank containment damaged			
3. Level Gages are operational			
4. Pipes, hoses etc. in working condition			
5. Stains observed on the ground/concrete			
6. The maintenance shop is in working condition			
7. Drainage facility is working			
8. The overall facility is clean			
9. Fencing, lights & security is maintained			
10. All vehicals/forklifts are maintained			

Remarks:

Signature of the inspector:

APPENDIX C

SPILL PREVENTION AND RESPONSE PLAN

Appendix C

FACILITIES SPILL COUNTERMEASURE PLAN

1. Leak at pump: hoses/couplings:

   Shut down all power to unit b disengaging PTO. Contain any spillage that has occurred. Once contained, form a dike around the spill with absorbent boom, dry absorbent or sand. The recover oil and absorbent with shovel or absorbent pads. After material is recovered store and dispose of properly.

2. Overflow of Tank:

   Shut down all power to unit by disengaging PTO. Put absorbent boom completely around tanker. Proceed with steps outlined above in example 1.

3. Leaking Tank:

   Shut down all transfer operations. Plug if possible. Try to collect any leaks with bucket or drip pan. Recover and spill as outlined in example 1. Call terminal manager for back up tanker.

4. Fire on vessel or tanker:

   Shut down all pumping operations. Use dry chemical CO2 or foam to flight fuel or oil fires. DO NOT use water to fight fire. Call fire emergency 911. Note: All transfer to tanks trucks may be immediately shut down by disengaging PTO, located on driver's side floor in cab.

5. Sensitive Areas:

   The sensitive area which can be impacted by a spill are the catch basins between the building and the tank containment. In case of a large spill, the catch basins will have absorbent booms surround them, so that no oil enters the groundwater Disposal Plan:

6. Disposal Plan:

   All waterways and land areas will be tested to verify completion of clean up operations. Water and soil samples will be sent to certified laboratory stated below. Any spent products resulting from a spill or discharge will be tested at an EPA approval Lab, unless spill or discharge is from virgin sources. If a spill occurs on unpaved areas, impacted soils will be removed and the remaining unaffected soils will be tested. Storm water in the catch basin will be tested.

Summit Environmental Technologies
3310 Win Street
Cuyahoga Falls, OH 44223-3790

7. Explosion Emergency Procedures

   a. Alert people in the immediate area of the fire/explosion and evacuate the area.
   b. If you have been trained and it is safe to do so, you may attempt to extinguish a fire with a portable fire extinguisher. If you have not been trained to use a fire extinguisher, you must evacuate the area.
   c. If the automatic fire alarm has not been activated, activate the building fire alarm system by pulling the handle on a manual pull station.
   d. Evacuate the area following the procedures listed above. The Evacuation Coordinator must call 911 to verify the fire alarm/evacuation signal has been received.

SPILL MANAGEMENT TEAM MEETING

FUNCTIONAL ROLE OF INDIVIDUAL TEAM MEMBER

1. George L. Vicente – Command/control & public information. Responsibilities include public affairs, health and safety. Role is to develop and release information about the incident to the news media, incident personnel, and other appropriate agencies and organizations.

2. Maria E. Perez-Leon – Liason with governmental agencies & finance. Responsibilities include all financial, administrative, and costs analysis regarding aspects of the incident.

3. Evelio Perez – Spill Operations. Responsibilities include responsible for all operations directly applicable to the primary mission of the response.

4. Osvaldo Betancourt – Logistic Support/Spill Operations. Responsibilities are to provide facilities, services, and materials for the incident response.

5. Helys J. Abraham – Safety. Responsibilities are to develop and recommend measures for assuring personnel health and safety and to assess and/or anticipate hazardous and unsafe situations. The Safety Officer also develops the Site Safety Plan, reviews the Incident Action Plan for safety implications, and provides timely, complete, specific, and accurate assessment of hazards and required controls.

6. Alberto Quintero – Logistic Support/Spill Operations. Responsibilities are to provide facilities, services, and materials for the incident response.

7. Nivaldo Delgado – Logistic Support/Spill Operations. Responsibilities are to provide facilities, services, and materials for the incident response.

8. Eduardo Ferrer - Logistic Support/Spill Operations. Responsibilities are to provide facilities, services, and materials for the incident response.

9. Joel Palomino – Logistic Support/Spill Operations. Responsibilities are to provide facilities, services, and materials for the incident response.

Our staff is trained on direction, communication, resources, establish incident priorities, establish response structures, ensure worker and public health and safety and information media.

SPILL PREVENTION AND RESPONSE PLAN
(SPRP)

☒ New ☐ Amendment Effective date: 5/16/03

This plan is required of all sites with aboveground tanks with a capacity greater than 550 gallons that contain regulated substances, hazardous materials, or pollutants as defined in Florida Statute 376.3.

FACILITY NAME: EMC Oil Corporation

FACILITY OWNER: Maria E. Leon

FACILITY OPERATOR (person in charge): George L. Vincent

FACILITY ADDRESS: 8470 NW 68th Street, Miami, Florida 33166

TELEPHONE NUMBER: 305-477-7497 **24 HOUR NUMBER**: 305-345-1371

All aboveground tanks with a capacity greater than 550 gallons containing pollutants shall comply with Chapter 62-762, FAC, and all underground tanks with a capacity of 110 gallons or greater that contain regulated substances shall comply with Chapter 62-761, FAC. Please list in Table I all above (A) or underground (U) storage tanks at this facility and attach a scaled site sketch (8.5"x 11") indicating the location of all tanks and monitoring wells on site. See Figure 1, SPCC Plan.

TABLE I

Tank No.	Installation Date	Tank Capacity (Gallons)	Material of Construction	A U	Product Stored
1	1998	8,000	Steel	A	Used Oil
2	1998	10,000	Steel	A	Used Oil

If more lines are needed, please attach a separate page.

The aboveground tank(s) is/are provided with secondary containment by

_____ a) an FDEP approved doublewalled tank or
__X__ b) an impermeable diked area with a capacity of 110% of the volume of the largest tank within the diked area.

List of Products Stored On Site:

I. Used oil – Temporarily stored in vacuum, pump and tanker trucks, and the 8,000 gallon AST.
II. Drums – Containing used rags and used oil filters.
III. Oily petroleum waters - Temporarily stored in vacuum, pump and tanker trucks.

POTENTIAL SPILL VOLUMES AND RATES - 40 CFR 112.7(b)

Type of Major Failure	Possible Quantity Released	Direction of Flow (relative to storm drainage ditch)	Rate of Flow
Complete failure of a full tank	8000 gallons into secondary containment	N/A – Spill will remain within secondary containment	N/A – Secondary Containment will eliminate the possibility of free flow.
Partial failure of a full	1 to 8000 gallons	N/A – Spill will remain within secondary containment	N/A – Secondary Containment will eliminate the possibility of free flow.
Tank overfill	1 to many gallons	N/A – Spill will remain within secondary containment	N/A – Secondary Containment will eliminate the possibility of free flow.
Pipe failure	N/A – No piping on tank	N/A	N/A
Leaking pipe or valve packing	N/A – No piping on tank	N/A	N/A
Drain plug removed from rupture basin of day tank and tank fails or leaks	N/A	N/A	N/A
Ruptured Drum	~55 gallons	N/A – Contained in Secondary Containment Area	N/A
Spill During Used Oil Transfer	1 to 200 gallons	Spill will flow to 1 of 2 catch basin inlets. Grease interceptor within catch basin will prevent discharge to groundwater	Immediate

UNDERGROUND STORAGE TANKS: No underground storage tanks at this site.

CONTAINMENT AND DIVERSIONARY STRUCTURES- 40 CFR 112.7(c)(1)

I. There is a reinforced concrete impervious secondary containment area surrounding the 8000-gallon tank, as shown in **Figure 1**. The dimensions of the containment area are ~52' x 48' x 1.5', providing a nominal containment volume of 28,000 gallons.

II. Drums are temporarily staged in a covered, secondary containment area ~35'x12'x 4", as shown in **Figure 1**. The drum containment area will provide a nominal containment volume of 1,000 gallons.

III. Vacuum and pump trucks are available on site for immediate spill cleanup as EMC Oil Corp. is a spill cleanup contractor with a spill response plan (**Appendix B**) which can be used on site.

IV. Booms or other barriers are available on-site for immediate spill cleanup.

DEMONSTRATION OF PRACTICABILITY - 40 CFR 112.7(d)

I. Secondary containment will hold far in excess of 110% capacity of a full tank – 8,800 gallons.

II. The drum containment area will hold far in excess of 110% capacity of a full drum – 60.5 gallons.

III. Vacuum and pump trucks are available on site for immediate spill cleanup as EMC Oil Corp. is a spill cleanup contractor with a spill response plan (**Appendix B**) which can be used on site.

IV. Booms or other barriers are available on site for immediate spill cleanup.

FACILITY DRAINAGE - 40 CFR 112.7(e)(1)

I. The drainage system consists of two catch basins connected to common exfiltration trenching, as shown on **Figure 1**. Each catch basin contains a grease interceptor designed to prevent the introduction of spilled oil into the drainage system, in the case of a spill in the yard during used oil transferring operations (as outlined in the Facility Operations plan, **Appendix A**). Furthermore, if a spill does occur which may infringe on the drainage system, operations as specified in the spill response plan (**Appendix B**) will be implemented (i.e.: use booms, pads and clay absorbent to dike around drains to contain a spill).

BULK STORAGE TANKS - 40 CFR 112.7(e)(2)

The AST is of UL-142 construction and is compatible with the oils it contains and the conditions of storage.

TRANSFER OPERATIONS and PROCESSES - 40 CFR 112.7(e)(3)
TANK TRUCK LOADING / UNLOADING - 40 CFR 112.7(e)(4)

I. All fuel transfers are attended and are never left unattended. All transfers of product to and from tanks are visually tracked by an EMC Oil Corp. employee, or designate, to observe any spillage (outlined in Facility Operations, **Appendix A**).

II. All truck loading and unloading procedures meet the minimum requirements of the US DOT Hazardous Materials Regulations.

INSPECTION AND RECORDS - 40 CFR 112.7(e)(8)

I. The AST is inspected regularly (daily to weekly) to ensure no leakage is occurring.

II. The vacuum and pump trucks are also inspected regularly (daily) as outlined in **Appendix B** to ensure shut-off valves are tight and no leakage has occurred.

SECURITY - 40 CFR 112.7(e)(9)

I. The facility is surrounded by a steel security fencing and the entrance gate is locked when the facility is unattended.

II. Area lighting is present and located in such a position as to illuminate the area of the AST, and the vacuum and pump trucks.

III. Consideration was given to discovering spills at night and discouraging pilferage and possible sabotage. To date the facility is without incident.

PERSONNEL, TRAINING, AND SPILL PREVENTION PROCEDURES - 40 CFR 112.7(e)(10)

I. EMC Oil Corp. facility operations & maintenance personnel are instructed by management in the operation and maintenance of oil pollution spill response and prevention, and the use of equipment as outlined in the **Appendix A**, Facility Operations and **Appendix B**, Spill Response Plan.

II. Personnel are required to attend 40 hours of training as a job requirement prior to conducting pump off operations (operating pump/vacuum trucks).

III. George Vincent has been designated by management as responsible for oil spill prevention.

IV. Instructions and phone numbers regarding the reporting of a spill to the National Response Center and appropriate state and local entities are listed below and have been publicized and posted in the building at the facility.

Notification are to be made in the following order:

I. Cleanup Contractor – Owner/Manager – EMC Oil Corp. - George Vincent - 305-345-1371 with on-site vacuum and pump trucks, other equipment and absorbent materials to cleanup spills.

II. Additional Cleanup Contractor – Cliff Berry Inc. 305-638-2030; 954-763-3390.

III. **911** - for a major fire, explosion or other similar type situation.

IV. National Response Center (NRC) 1-800-424-8802 for all releases covered under 40 CFR 110, such as cause a sheen upon or discoloration of the surface of the water or adjoining shorelines, etc. In addition, all releases of hazardous substances over CERCLA RQs must also be reported to the NRC.

SPILL PREVENTION AND RESPONSE PLAN (SPRP) – FL Statute 376.3

Per Florida Statute 376.3, a Spill Prevention and Response Plan form provided by the Miami-Dade County Department of Environmental Protection (DERM) has been filled out and is contained in **Appendix C**.

RECOMMENDED IN-HOUSE INSPECTION SCHEDULE

INSPECTION/TEST RECORD	FREQUENCY
Tank integrity - visual	Monthly
Tank supports and foundation - visual	Daily
Liquid sensing devices, interstitial monitoring device or site glass, monitoring wells - visual	Weekly
Aboveground valves, piping, fittings - visual	Daily
Corrective actions, maintenance	As required

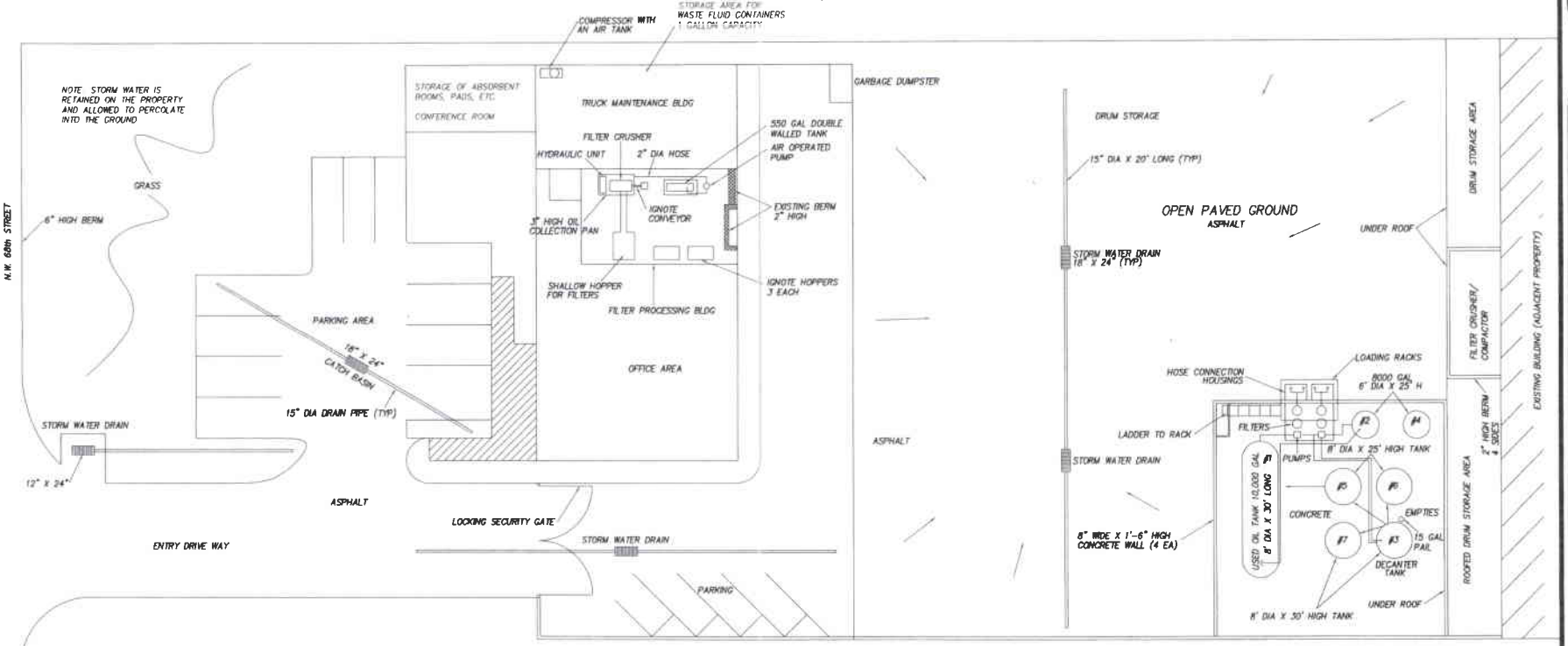
APPENDIX D

SITE PHOTOGRAPHS

Appendix D

STORM WATER MANAGEMENT PLAN

1) STORM WATER COLLECTED IN THE SECONDARY CONTAINMENT AREA IS PUMPED INTO TANK #1 FOR DISPOSAL AT CBI
2) STORM WATER IN THE GRASSY AREA ADJOINING NW 69TH STREET IS CONTAINED BY 6" HIGH BERM AND ALLOWED TO PERCOLATE INTO THE GROUND
3) ALL ASPHALTED AREAS ARE SLOPED TO DRAIN INTO CATCH BASINS



NOTE: ALL VERTICAL TANKS ARE EMPTY EXCEPT THE DECANTER TANK AND ONE (1) 8,000 GAL TANK

NORTH

TANK #	DIMENSIONS	CAPACITY (GALLONS)	CONTENTS	STATUS	INDOOR/ OUTDOOR
1	8'DIA x 30'HT-H	10,000	OILY WATER	IN USE	OUTDOOR
2	8'DIA x 25'HT-V	8,000	OILY WATER	IN USE	OUTDOOR
3	8'DIA x 30'HT-V	11,000	OILY WATER	DECANTER IN USE	OUTDOOR
4	8'DIA x 25'HT-V	8,000	EMPTY	NOT IN SERVICE	OUTDOOR
5	8'DIA x 30'HT-V	11,000	EMPTY	NOT IN SERVICE	OUTDOOR
6	8'DIA x 30'HT-V	11,000	EMPTY	NOT IN SERVICE	OUTDOOR
7	8'DIA x 30'HT-V	11,000	EMPTY	NOT IN SERVICE	OUTDOOR
8	3'DIA x 5'2-H SINGLE WALL W/ CONTAINMENT	550	USED OIL	IN USE	INDOOR

H = HORIZONTAL V = VERTICAL

SECONDARY CONTAINMENT CALCULATIONS FOR FILTER CRUSHING MACHINE

IT HAS A 500 GAL CAPACITY TANK TO HOLD WASTE OIL

THE SPILL OIL WILL BE CONTAINED IN 80' x 12' x 2' HIGH BERMED AREA

THE FOOT PRINT OF THE MACHINE IS APPROX 8' x 16' = 128 sq ft

THE AVAILABLE VOLUME FOR SECONDARY CONTAINMENT WILL BE 832 sq ft or 1037 GALLONS

SECONDARY CONTAINMENT CALCULATIONS FOR THE TANK FARM

CONTAINMENT AREA: 52 X 48 = 2496 sq ft

AREA UNDER VERTICAL TANKS = (4 X 3.14 X 16 + 2 X 3.14 X 9) = 258 sq ft

NOTE THE HORIZONTAL TANK IS ON SADDLES AND ABOVE THE WALL OF THE SECONDARY CONTAINMENT

AVAILABLE AREA FOR SECONDARY CONTAINMENT IS 2496 - 258 = 2238 sq ft

AVAILABLE VOLUME = 2238 X 1.5 X 7.48 = 25110 GALLONS

THE LARGEST TANK IS 11,000 GAL THEREFOR 11,000 X 1.1 = 12,100 GAL SECONDARY CONTAINMENT IS REQUIRED & 25110 GALLONS IS AVAILABLE

NOTE CONSTRUCTION DRAWINGS WERE SUBMITTED TO DERM AND THE BUILDING DEPARTMENT APPROXIMATELY 30 YEARS AGO. THEY WERE APPROVED. THESE DRAWINGS ARE FOR REFERENCE ONLY

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SITE PLAN

SPCCP / DECANTER IN SERVICE

07/17/2018
3/32"=1'-0"
S RUSSELL
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