

39859

KEN ✓

Coordinate with
B. Clark & prepare response

July 6, 1977

D. E. R.

JUL 8 1977

SOUTH WEST DISTRICT
ST. PETERSBURG

Major John W. Walker
Florida Marine Patrol
Department of Natural Resources
Crown Building
Tallahassee, Florida 32304

Dear Major Walker:

In response to your recent letter regarding your request for predesignated disposal sites for oil spill materials, we offer the following information.

Many approved disposal sites that are satisfactory for the disposal of normal residential solid waste may not be suitable for disposing of oil spill materials. Therefore, we do not maintain a separate inventory for such sites.

However, since you need information available for emergency disposal operations, I am requesting our district personnel to investigate potential sites and to clear their use for this purpose with the local operating authorities. The compilation of this information will be forwarded to you.

This activity is likely to take at least 60 days for completion. In the meantime, please contact Mr. Banks Vest, head of our Enforcement Section here in Tallahassee, at 904/487-1980 to coordinate any requests for disposal site locations. Since certain situations may dictate contacting our district offices for specific information, I am enclosing a map outlining district boundaries and the names and telephone numbers of the district managers.

I sincerely hope that this delay will not cause you any inconveniences but I believe the end product will definitely be more

Major John W. Walker
Page two
July 6, 1977

satisfactory than any list we could supply at the present time. As soon as this information has been supplied, we will furnish the site list.

Sincerely,

Joseph W. Landers, Jr.
Secretary

JWLjr/ms
Enclosure

cc: John C. Bottcher
Ralph H. Baker, Jr.
Banks Vest

bc: J. B. Druse
District/subdistrict
Managers



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
(813) 985-7402

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

August 8, 1977

Mr. Leonard Joerris
Environmental Specialist
Hillsborough County Department
of Environmental Control
1015 Orient Road
Tampa, Florida 33619

Dear Mr. Joerris:

Attached is the information that was promised earlier regarding disposal of pollutants following an oil spill. If you believe the Northwest Landfill, or other landfill in Hillsborough County, could be used for such disposal, should an oil spill occur in your area, please let us know.

Sincerely,

Ken Albritton
Pollution Control Specialist

KA:en

IMPORTANT CONSIDERATIONS IN
LANDFILLING/FARMING OIL SPILL EMULSIONS

I. Site Selection and Preparation

A. Topography and hydrology

1. Slope or grade, maximum 5%
2. Not contiguous with surface waters, i.e., not near rivers, lakes, estuaries, etc.
3. Not contiguous with ground waters, e.g., may need perimeter ditch if in areas of high water table
4. Not contiguous with underground potable water supplies, i.e., good aquiclude
5. Initial tilling - disk or harrow to depth of 6 inches

B. Soils

1. Adequate aeration, good particle size
2. Adequate structure, approximately 10^{-4} cm/sec permeability
3. Ability to maintain good friability
4. Sandy loam soils recommended

C. Soil Enrichment

1. Chemical fertilizers
 - a. phosphate - K_3PO_4 -0-10-0 (approximately 2000 kg/acre)
 - b. nitrogen - urea (45%) NH_2CONH_2 (approximately 5000 kg/acre)
 - c. lime, slaked - $Ca(OH)_2$, approximately 1800 kg/acre)
2. Moisture - approximately 25 inches/year minimum rainfall
3. Tilling - disk or harrow in nutrients to depth of 5 inches

II. Application

- A. Rate - suggested; 1000 gallons oil per acre per 6 inches soil depth (does not include water content of emulsion)
- B. Method - suggested; 6 x 6 tanker truck with gravity feed splash discharge, i.e., type used for road dust control vehicles
- C. Tilling - rototill or harrow to depth of 5 inches

III. References

- A. Residual Management by Land Disposal; EPA-600/9-76-015; 1976
- B. Oily Waste Disposal by Soil Cultivation Processes; EPA-R2-12-110; 1972
- C. Pollution Engineering Practice Handbook; Ann Arbor Science Publishers; 1975



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
(813) 985-7402
Sarasota County SW

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

August 10, 1977

Mr. Norman Thomas, Director
Sarasota County Mosquito Control
5355 Pinckney Avenue
Sarasota, Florida 33581

Dear Mr. Thomas:

Attached is the information that was promised earlier regarding disposal of pollutants resulting from oil spills. If you believe that either or both of the Sarasota County Sanitary Landfills could be used for such disposal, please let us know.

Sincerely,

A handwritten signature in cursive script that reads "Ken Albritton".

Ken Albritton
Pollution Control Specialist

KA:en

Attachment



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
(813) 985-7402

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

August 8, 1977

Mr. Glen Stone, Director
Hernando County Landfill
201 Summit Road
Brooksville, Florida 33512

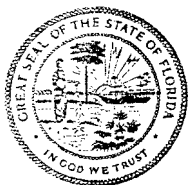
Dear Mr. Stone:

Attached is the information that was promised earlier regarding disposal of pollutants resulting from oil spills. If you believe that the Croom Sanitary Landfill could be used for such disposal, please let us know.

Sincerely,

Ken Albritton
Pollution Control Specialist

KA:en



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
(813) 985-7402

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

August 8, 1977

Mr. Richard Radacky, Director
Pasco County Environmental Control
509 E. Indiana Avenue
New Port Richey, Florida 33552

Dear Mr. Radacky:

Attached is the information that was promised earlier regarding disposal of pollutants following an oil spill. If you believe that the East Pasco Landfill could be used for such disposal, should an oil spill occur in your area, please let us know.

Sincerely,

A handwritten signature in black ink, appearing to read "Ken Albritton".

Ken Albritton
Pollution Control Specialist

KA:en



STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL REGULATION

SOUTHWEST DISTRICT
7601 HIGHWAY 301 NORTH
TAMPA, FLORIDA 33610
(813) 985-7402

REUBIN O'D. ASKEW
GOVERNOR

JOSEPH W. LANDERS, JR.
SECRETARY

August 8, 1977

Mr. Chuck Vessa, Director
Citrus County Landfill Department
P. O. Drawer 306
Lecanto, Florida 32661

Dear Mr. Vessa:

Attached is the information that was promised earlier regarding disposal of pollutants following an oil spill. If you believe that the Citrus Central Sanitary Landfill could be used for such disposal, should an oil spill occur in your area, please let us know.

Sincerely,

A handwritten signature in black ink that reads "Ken Albritton".

Ken Albritton
Pollution Control Specialist

KA:en