



County of Volusia

PUBLIC WORKS SERVICES CENTER SOLID WASTE SERVICES GROUP

1990 Tomoka Farms Road • Daytona Beach, Florida 32124
Telephone (904) 947-2952

April 9, 2001

ENV-01-117

2001 APR 11 PM 1:22

Ms. Georgia K. Zern, Outreach Coordinator
Environmental Management
123 West Indiana Avenue
Deland,
Florida 32720-4621

Re: Absorbent Sock Marina Project

Dear Georgia:

Enclosed for your review and information is the laboratory data showing that the absorbent sock is and will be acceptable for landfill disposal.

Now that this product has been certified by a Florida State Laboratory you may want to share this with the manufacture.

Let me know if I can be of any further assistance in making this project a success.

Respectfully submitted,

Susan M. Gaze, Environmental Specialist III
Solid Waste Service Group

Enclosure(s)

C: Josef Grusauskas, Director of Solid Waste Service Group



Printed On
Recycled Paper

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 1

Submission Number: 103000362 Client's P.O. Number: PA75233
Date Received: 03/14/01 Project Number:
Date Reported: 03/26/01 Project Name:
Elab Report Name: Finalnew->Final2.RP1

Lab Sample Number: 0303362 1 Date Sampled: 03/14/01
Client Sample Number: Sample Matrix: SOLID
Sample Description: LIGHT COLOR DIESEL OIL

Method	Analyte	Result	Q	Units	Reporting		Date Analyzed	Prepared
					Limit	Analyst		
1311/7470	MERCURY (TCLP)	2.0	U	ug/L	2.0	EM	03/20/01	
1311/6010	ARSENIC (TCLP)	50	U	ug/L	50	EM	03/19/01	
1311/6010	BARIUM (TCLP)	100	U	ug/L	100	EM	03/19/01	
1311/6010	CADMIUM (TCLP)	10	U	ug/L	10	EM	03/19/01	
1311/6010	CHROMIUM (TCLP)	100	U	ug/L	100	EM	03/19/01	
1311/6010	LEAD (TCLP)	50	U	ug/L	50	EM	03/19/01	
1311/6010	SELENIUM (TCLP)	50	U	ug/L	50	EM	03/19/01	
1311/6010	SILVER (TCLP)	100	U	ug/L	100	EM	03/19/01	
	<u>TCLP VOLATILE ORGANIC</u>							
1311/8260	BENZENE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	CARBON TETRACHLORIDE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	CHLOROBENZENE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	CHLOROFORM	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	1,2-DICHLOROETHANE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	1,1-DICHLOROETHENE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	METHYL ETHYL KETONE	0.20	U	mg/L	0.20	JSA	03/24/01	
1311/8260	TETRACHLOROETHYLENE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	TRICHLOROETHYLENE	0.010	U	mg/L	0.010	JSA	03/24/01	
1311/8260	VINYL CHLORIDE	0.010	U	mg/L	0.010	JSA	03/24/01	
	<u>TCLP ZNE VOC EXTRACTION</u>							
	TCLP ZNE LEACHATE PREP.					RRR	03/21/01	
	<u>TCLP EXTRACTION (METALS ONLY)</u>							
	TCLP METALS LEACHATE GENERATION					HB	03/15/01	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Mailing - P.O. Box 468 • Ormond Beach, Florida 32175-0468 • Shipping - 8 East Tower Circle • Ormond Beach, Florida 32174
(386) 672-5668 • Fax (386) 673-4001

Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4683

MS. SUSAN GAZE
VOLUSIA CTY SOLID WASTE MGMT
1990 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 2

Submission Number: 103000362 Client's P.O. Number: PA75233
Date Received: 03/14/01 Project Number:
Date Reported: 03/26/01 Project Name:
Elab Report Name: Finalnew->Final2.Rpt

Lab Sample Number: 0103362 2 Date Sampled 03/14/01
Client Sample Number: Sample Matrix: SOLID
Sample Description: DARK COLOR LIQUID HEATING OIL

Method	Analyte	Result	Q	Units	Reporting		Date Analyzed	Prepared	
					Limit	Analyst			
1311/7470	MERCURY (TCLP)	2.0	U	ug/L	2.0	EM	03/20/01		
1311/6010	ARSENIC (TCLP)	50	U	ug/L	50	EM	03/19/01		
1311/6010	BARIUM (TCLP)	100	U	ug/L	100	EM	03/19/01		
1311/6010	CADMIUM (TCLP)	10	U	ug/L	10	EM	03/19/01		
1311/6010	CHROMIUM (TCLP)	100	U	ug/L	100	EM	03/19/01		
1311/6010	LEAD (TCLP)	50	U	ug/L	50	EM	03/19/01		
1311/6010	SELENIUM (TCLP)	50	U	ug/L	50	EM	03/19/01		
1311/6010	SILVER (TCLP)	100	U	ug/L	100	EM	03/19/01		
<u>TCLP VOLATILE ORGANICS</u>									
1311/8260	BENZENE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	CARBON TETRACHLORIDE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	CHLOROBENZENE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	CHLOROFORM	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	1,2-DICHLOROETHANE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	1,1-DICHLOROETHENE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	METHYL ETHYL KETONE	0.20	U	mg/L	0.20	JSA	03/24/01		
1311/8260	TETRACHLOROETHYLENE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	TRICHLOROETHYLENE	0.010	U	mg/L	0.010	JSA	03/24/01		
1311/8260	VINYL CHLORIDE	0.010	U	mg/L	0.010	JSA	03/24/01		
<u>TCLP SHE VOC EXTRACTION</u>									
TCLP SHE LEACHATE PREP.							BBR	03/21/01	
<u>TCLP EXTRACTION (METALS ONLY)</u>									
TCLP METALS LEACHATE GENERATION							HB	03/15/01	

Data Qualifier Code Key:

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

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Puerto Rico: Office (787) 787-0866 • Cellular (787) 390-3505 or (787) 399-4663

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1390 TOMOKA FARMS ROAD
DAYTONA BEACH, FL 32114



ANALYTICAL REPORT

Page 3

Submission Number: 103000362
Date Received: 03/14/01
Date Reported: 03/26/01

Client's P.O. Number: PA75233
Project Number:
Project Name:
Elab Report Name: Finalnev->Final2 RPI

CERTIFICATION: All analytical data reported above were obtained using the specified methods and were validated by our laboratory quality control system. This laboratory follows an approved quality assurance program.

Respectfully submitted:

A handwritten signature in black ink, appearing to read 'Paul K. Canevaro', written over a horizontal line.

Paul K. Canevaro
Laboratory Director

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Elab, Inc.
8 East Tower Circle
Ormond Beach, FL 32174
(904)672-5668 • FAX (904)673-4001

CHAIN OF CUSTODY RECORD

No. E 43733

Page ___ of ___

(INSTRUCTIONS ON BACK OF THIS FORM)

FOR LAB USE ONLY

Condition of Contents: _____

FOR LAB USE ONLY

Submission No. **03-362**

Temp. of Contents: _____

C (or Received on Ice, ROI)

Condition of Seals: _____

1 Client: (Company or Individual)

Volusia Co. Solid Waste Man.

Address: _____ Phone: () _____

City: _____ State: _____ Zip Code: _____

Fax: () _____

18. Report Type:

Routine
 Standard QC
 Data/package

2 Report to: (Address from above)

Susan Gaze

Address: _____ Phone: () _____

City: _____ State: _____ Zip Code: _____

Fax: () _____

19. Turnaround Time

Standard **ASA**
 Rush: / /

3. Client Project Name

Water Sample Codes (for Item 13)	Container Codes (for Item 16)
DW = Drinking Water	V = VOA vial
GW = Ground Water	G = glass
SW = Surface Water	P = plastic
PW = Processed Water	M = micro bag/cup
WW = Waste Water	O = other

14. _____

15. _____

17. _____

No. of Containers: _____
Analyses Requested: **T, C, P, Metals and Volatiles.**

Preservative Codes

(for Item 15)
C = Cool Only
H = Hydrofluoric Acid
M = Monochloroacetic Acid
N = Nitric Acid
OH = Sodium Hydroxide
S = Sulfuric Acid
T = Sodium Thiosulfate

4 Client Project No.

5. P.O. No.

6. Custody Seal No.

7. Sampled By

8. Shipping Method

10. Sample ID or No

Description

11. Date

12. Time

13. Temp

Wash

Water

Color

Air

Soil

Solids

Sludge

Other

20. REMARKS

LAB USE ONLY
LAB SAMPLE NO.

Item

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

RELINQUISHED BY

DATE

TIME

RECEIVED BY

DATE

TIME

FOR LAB USE ONLY

Sampling Fee _____ \$/rs

Equipment Rental Fee _____

Profile No.:

Quote No.:

537/538

1039

DISTRIBUTION: White with report; Blue, Green, Yellow to labs; Gold to submitter

Revised: 1/99