



**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**

SO60-211179 - SOLID WASTE COMPOSTING

WT60-211205 - WASTE TIRE STORAGE

SO60-211182 - M.R.F.

SF60-211255 - LONG-TERM CARE

SC60-211181 - LEACHATE TREATMENT

PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

4060.C 00092 N

MAY 29, 1992

92-1100.00

Springstead Engineering, Inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street

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222 EAST McCOLLUM AVENUE D. E. R.
BUSHNELL, FLORIDA 33513**

MAY 29 1992

**SOUTHWEST DISTRICT
TAMPA**

PREPARED BY



**Springstead
Engineering, inc.**

LEESBURG, FLORIDA

MAY 29, 1992

92-1100.00

D.E.R.

May 29, 1992

MAY 29 1992

SOUTHWEST DISTRICT
TAMPA

Mr. Kim B. Ford, P.E.
Solid Waste Section
Division of Waste Management
Florida Department of Environmental Regulation
4520 Oak Fair Boulevard
Tampa, Florida 33610-7347

RE: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
PERMIT NO.:

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Dear Mr. Ford:

We are in receipt of your letter dated April 28, 1992 in regards to the above referenced project. Please review the following responses:

1. Proof of publication of notice of application as per F.A.C. Section 17-701.030(6), see attachment.

Proof of publication of notice of application was published in the Sumter County Times on Thursday, May 14, 1992 and on Thursday May 21, 1992. A copy of the advertisement and a notarized letter from the publisher are presented in Appendix A.

2. Provide documentation of Sumter County's possession of an approved Comprehensive Quality Assurance Plan (ComQAP) for the sampling and analysis as required for the facility. You are requested to work directly with Ms. Sylvia Labie of the QA Section in Tallahassee to obtain approval of the quality assurance plan.

Sampling of groundwater, leachate and compost is currently being performed under the Quality Assurance Project Plan for a Preliminary Chemical Assessment of Landfill Compost and Leachate for the Sumter County Landfill prepared by Envirolab, Inc. of Ormond Beach, Florida.

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Sampling of groundwater, leachate and compost will be done by Springstead Engineering, Inc. in accordance with Springstead Engineering, Inc.'s (SEI) Comprehensive Quality Assurance Plan (ComQAP) #920119G. A letter dated May 1, 1992 from Sylvia S. Labie, QA Officer, Quality Assurance Section, FDER, Tallahassee states that ComQAP #920119G has an approved pending status and that work may be performed for the following sampling activities: **Groundwater, Surface Water, Wastewater, Potable Water, Soil, Sediment and Domestic Waste Sludges.** A copy of the letter is presented in Appendix B.

Analysis of the samples shall be performed under Flowers Chemical Laboratories' (FCL) approved ComQAP #860008G.

A compost sampling and analysis QAPP is currently being completed by SEI and FCL.

3. Updated financial responsibility cost estimates for long-term care of the closed landfill. Approved cost estimates will be forwarded to Mr. Fred Wick of the Solid Waste Section in Tallahassee. You are requested to work directly with him to obtain approval of Sumter County's financial responsibility documents.

The closed Class I Landfill located at the Sumter County Solid Waste Management Facility was closed in three (3) phases. Certification of closure, closure meaning the cessation of operation (see Rule 17-701.020 (12), F.A.C.), for the separate phases were issued as follows:

Phase I - December 11, 1989;

Phase II - May 24, 1990;

Phase III - March 5, 1990.

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The site of the existing closed landfill is currently an active site which accommodates the Sumter County Solid Waste Management Facility, including the composting pads and the resource/recovery facility. The operation and maintenance of the site is an ongoing activity which is taken care of by the staff of the facility. The Sumter County Board of County Commissioners allocates funds for operation and maintenance of the facility on a yearly basis and will continue to fund the operation of this facility in the future.

The owners, being the Sumter County Board of County Commissioners are required to provide the Florida Department of Environmental Regulation (FDER) proof of financial responsibility. Since the Class I Landfill is closed, only long-term care cost need to be considered. Long-term care cost include:

1. Land surface care;
2. Gas monitoring;
3. Groundwater monitoring, collection and analysis.

Estimates are not being prepared for providing the above services on a third-party basis since the site is currently active and maintenance and operation is funded yearly by the Board of County Commissioners.

4. Your response to Mary Yeargan's April 28, 1992 attached memorandum. Ms. Yeargan may be contacted at (813) 620-6100, extension 376. Please submit a revised updated groundwater monitoring plan that complies with F.A.C. Rule 17-28.700.

The previously submitted Groundwater Monitoring Plans have been reviewed. The data presented below is new,

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most being collected since the most recent plan was submitted.

- a. Monitor well construction details and lithology logs, including elevations, should be provided. Geologic cross-sections, from east to west and north to south, should be constructed that illustrate the various lithologies and their relationships.

A diagram of monitoring well construction details and lithology logs, including elevations, is provided in Appendix C. Also cross-sections, from east to west and north to south, have been constructed that illustrate the various lithologies and their relationships and are presented in Appendix D.

- b. Water level information for each monitor well for each sampling event should be provided in tabular form (including top of casing elevations, depth to water, monitoring interval length, and corresponding water level elevations) and in graphic form showing the interpretation of the groundwater flow direction to verify the direction of groundwater flow and to estimate fluctuations in the water table.

Depths to the groundwater table and elevations of top of pipe have been reduced to provide elevations of the groundwater table as measured during the several sampling events. These data are presented in tabular form in Appendix E and graphically in Appendix F.

- c. A recent potentiometric map for the Floridan aquifer must be provided.

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A copy of the map titled Potentiometric Surface of the Upper Floridan Aquifer, West Central Florida, September 1990 was obtained from the Southwest Florida Water Management District. A copy of the map is presented in Appendix G. Contours indicate the regional direction of groundwater flow in the Upper Floridan Aquifer to be in a general north-northwest direction.

- d. The depth(s) of the trenches within the Closed Class I landfill was not discussed or provided.

The depth of the trenches was to be discussed on page 3 of 15 in The Application for Long-Term Care Permit for the Closed Class I Sanitary Landfill. A typographical error was found and is corrected below.

Landfilling was accomplished by the trench fill method of disposal. Trench work began on the eastern side of the property in June, 1975 and progressed westward. Cells were opened from the north to the south as needed. The trenches were opened to a width of approximately 35 feet with a width depth varying between 15 and 25 feet.

- e. Land use information for the area surrounding the landfill should be provided. A current well survey should be provided.

A map showing the land use for the area surrounding the landfill is presented in Appendix H. A well survey for the surrounding area was requested from the Southwest Florida Water Management District. A copy of the well survey is presented in Appendix I.

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- f. A summary of analytical data for all sampling periods should be provided in tabular form. All parameters which have exceeded maximum contaminant levels should be graphically displayed over time to evaluate the trends. Analytical data for leachate indicator parameters should also be graphically displayed over time to evaluate the trends. Once this information is provided, monitoring parameters can be evaluated.

A summary of the analytical data has been prepared and is presented in tabular form in Appendix J. Parameters exceeding the maximum contaminate level are presented graphically in Appendix K.

- g. Are there to be monitor wells associated with the new leachate collection system?

After our evaluation of the existing facility improvements, we see no need for additional monitoring wells, as the existing monitoring well system is adequate. At this time no new monitoring wells are proposed for the leachate treatment system. Based on the location of the existing site monitoring wells, if a contaminant was introduced in the groundwater, it should be detected in the data gathered from existing wells.

- h. The Material Safety Data Sheet (MSDS) for the B.D. Compost Starter should be provided.

Currently, the B.D. Compost Starter is no longer being used at this facility. Our experience has shown that starter is not necessary to initiate the composting process. Sumter County chose not to utilize a starter compound due to the high operation costs associated with these compounds. We have requested a MSDS for the starter but our

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request was denied by Ecology Concepts. It is our understanding that Ecology Concepts is anticipating providing starter compound for other facilities in the state. DER should be able to obtain the requested information from a MSDS provided to the other facilities. If DER does obtain this information, we respectfully request that Sumter County be forwarded a copy.

- i. Within Section 3, Leachate Treatment Facility, there was no discussion concerning the testing and disposal of sludges generated in the leachate treatment facility. There was no discussion regarding the testing and monitoring of effluent from the leachate treatment facility. There was no discussion concerning the quantity of treated leachate that will be routed to the existing stormwater retention area and whether the pond can handle the additional flow.

The bio-residuals generated from the leachate treatment process will be blended with the fluff and allowed to compost for processing and sale. Testing and monitoring of leachate effluent exiting the treatment plant will be tested for primary and secondary standards as stated in the response to Mr. Ford's question No. 9. The quantity of treated effluent routed towards the retention pond will vary with weather conditions. In the rainy season, the treatment plant will operate at full capacity with a lesser capacity during normal operation except immediately after rainfall events. The stormwater retention pond was originally designed to hold the runoff from the covered Class I landfill (assumed impervious), and has been enlarged during site improvements to hold the volume of runoff generated from the entire site. The quantity of water directed to the pond from the leachate

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treatment is essentially the runoff from the impervious composting pads and lined ponds, therefore, it will not be necessary to increase the capacity of the existing retention pond.

- j. All sampling and analyses should be conducted in accordance with a Department approved Comprehensive Quality Assurance Plan (ComQAP) to comply with the requirements of Chapter 17-160, F.A.C. Documentation of a Department approved ComQAP for all sampling and analyses should be provided.

As previously stated in question 2, above, sampling of groundwater, leachate and compost will be done by Springstead Engineering, Inc. in accordance with Springstead Engineering, Inc.'s Comprehensive Quality Assurance Plan (ComQAP) #920119G.

Analysis of the samples shall be performed under Flowers Chemical Laboratories approved ComQAP #860008G

- k. Section 17-4.050(3), F.A.C., states that where required by Chapter 471 or 492, Florida Statutes (F.S.), applicable portions of permit applications and documents which are submitted to the Department for public record shall be signed, sealed and dated by the professional(s) who prepared or approved them. Geological portions of documents and submittals should be signed, sealed and dated by a Florida registered professional geologist in accordance with Chapter 492, F.S., and engineering portions of documents and submittals should be signed, sealed and dated by a Florida registered professional engineer in accordance with Chapter 471, F.S.

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The applications for the referenced permits were prepared by a team of registered professionals including engineers, surveyors and geologists. The certification of a professional engineer was required on the application forms.

5. A fire safety survey conducted and documented by the local fire protection authorities for the subject facilities.

The fire safety survey was requested on March 25, 1992 and performed on Tuesday May 26, 1992 by the Lake Panasoffkee Fire Department. The results of the survey are being prepared and will be forwarded to you upon receipt. Assistant Fire Chief Mr. Roger Cheatham is the contact person and he can be reached at 904-793-4957.

6. Describe the "temporary contingency" use of the lined cell. Solid waste that is not milled must be covered within 24 hours of transferred to a permanent Class I solid waste disposal facility within 48 hours. This Department required the location of the permanent disposal site for residuals (30% of the total solid waste or 20 tons) not recycled or composted?

All materials stored in the Class I cell are intended to be removed and processed into compost, landfilled, processed into other usable materials or incinerated. Plans are underway for submittal of improvements on the adjacent forty acres south of the existing facility to provide additional facilities for these activities. Submittals for the improvements will be made to DER within 6 months for DER approval and permitting. Sumter County has already approved the zoning change necessary for the proposed improvements.

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Composting

7. How long will it take to empty the lined cell of fluff with use of the existing composting areas only?

It is anticipated that it will take approximately 3 to 4 years to completely empty the lined cell of fluff using the existing composting pads. This time frame can be reduced when the additional composting pad to be built on the forty acre expansion south of the existing facility is approved and constructed. It is anticipated that this additional pad will initially be dedicated to emptying the fluff from the cell. Sumter County recently approved a zoning change for the proposed forty acre expansion allowing for timely design, permitting and construction.

8. Provide surveyed cross-sections of the existing compost pad areas located over the closed landfill.

Surveyed cross-sections of the existing compost pad areas are presented in Appendix M.

Leachate Treatment

9. Describe in detail your plans for effluent discharge. Treated leachate may not go to the percolation pond or surface water management system unless data indicates that the discharge will meet drinking water standards.

The conceptual plan for effluent discharge is to provide treatment to meet drinking water standards and then route the treated effluent through the existing stormwater system for ultimate disposal in the water retention area located at the northeast corner of the site. (See answer 4-i)

10. Provide water balance calculations to show the volume of leachate that can be evaporated by recirculation.

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WATER BALANCE AT SUMTER COUNTY SOLID WASTE FACILITY

General Equation: $P - E - T - CU - R = \Delta S$

Where : P = Precipitation
 E = Evaporation
 T = Transpiration
 CU = Consumptive Use
 R = Runoff
 ΔS = Change in Storage

For the Sumter County Solid Waste Facility, the Precipitation is 51.40 inches/year or 0.141 inches/day and the Evaporation is 59.53 inches/year or 0.163 inches/day. The Consumptive Use is determined based on SWFWMD - Agricultural Consumptive Use as presented in Hydroscope, October 1975. The volume of water evaporated by consumptive use is determined by the following equation:

$$CU_T = (Q_p * Ka) + (CU_c * A)$$

Where: CU_T = Total Consumptive Use (gpd)
 Q_p = Quantity of Water Pumped (gpd)
 Ka = Irrigation Loss Factor
 CU_c = Consumptive Use of Crop (gpd)
 A = Area of Crop (acres)

For leachate treatment, the transpiration and runoff terms of the water budget are equal to zero. In addition, the consumptive use of crop term in the consumptive use equation is also equal to zero. The irrigation loss factor for daytime sprinkling is equal to 0.25 and the irrigation loss factor for night-time sprinkling is equal to 0.10. An average irrigation loss of 0.175 was assumed for calculating a "daily" budget.

The budget general equation reduces to

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$$(0.141 - 0.163) \text{ in/day} - (Q_p * 0.175) \text{ gal/day} = \Delta S$$

or

$$-0.022 \text{ in/day} - (Q_p * 0.175) \text{ gal/day} = \Delta S$$

Using the defined terms, the volume of water lost to consumptive use would be based on the number of gallons of leachate pumped per day times 0.175.

Using recirculation at a pumping rate of 150 gallons/minute and assuming that the leachate pond is full and that the composting pad is completely covered with a layer of water, the losses are as follows:

EVAPORATION

$$\begin{aligned} \text{Existing pad area} &= 190' * 320' = 60,800 \text{ ft}^2 \\ \text{Existing pond area} &= 250' * 50' = \frac{12,500 \text{ ft}^2}{73,300 \text{ ft}^2} \end{aligned}$$

$$73,300 \text{ ft}^2 * 0.00183 \text{ ft/day} = 134.4 \text{ ft}^3/\text{day}$$

CONSUMPTIVE USE

$$216,000 \text{ gal/day} * 0.175 = 37,800 \text{ gal/day}$$

$$\text{or } 5,053.5 \text{ ft}^3/\text{day}$$

The total volume of leachate that can be evaporated by recirculation is 5,187.9 ft³/day or 38,800 gallons/day.

This calculation does not include a transpiration loss due to the composting process. The volume lost to evaporation would increase if the additional composting pads and ponds are implemented due to an increase in wetted plan area and an increase in the pumping rate of leachate required to cover the three pads.

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11. Provide calculations indicating the time required to remove and eliminate leachate stored in the existing lined pond and cell by recirculation only.

The volume of leachate which can be evaporated through recirculation, based on a water budget, was calculated in the previous question. The exact volume of leachate in the existing lined pond and cell is unknown. The volume of the existing leachate pond, if filled to the overflow, is 49,761 ft³. Assuming that the lined cell has a volume of leachate equal to one third of the volume of the leachate pond, a total volume of 66,348 ft³ would be present in the cell and pond. Using these values, the time required to remove and eliminate the leachate in the lined cell and existing leachate pond by recirculation is as follows:

$$66,348 \text{ ft}^3 / 5187.9 \text{ ft}^3/\text{day} = \underline{12.8 \text{ days}}$$

12. Describe how the planned leachate equalization basin will meet the current requirements for a double liner as specified in F.A.C. Rule 17-701.050.

The leachate equalization basin will be designed as a composite liner system having a 60-mil flexible membrane liner overlying an 18-inch thick layer of compacted soil as shown in Figure 1.

Waste Tire Storage

13. Indicate the location for waste tire storage on a drawing.

The location of the waste tire storage area is indicated on the drawing presented in Appendix N.

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14. Describe how waste tires are transported. Are the waste tires processed before transporting? Where are the waste tires taken for processing and/or disposal?

The tires are transported by truck. The truck bears Florida Registered Waste Tire Collector decal No. 1252. Photographs of the vehicle and a letter dated April 15, 1992 from Bill Parker, Solid Waste Section, FDER, Tallahassee, detailing specific conditions to follow for waste tire collectors, are presented in Appendix O.

The last load of waste tires was transported to Geotech - F.C.S. Fuel Preparation Facility (Permit #WT27-175366) in Brooksville, Florida. Other permitted Waste Tire Processing Centers may be used in the future due to time and cost considerations.

Waste tires are not processed at the Sumter County Solid Waste Management Facility before transporting.

Long-Term Care

15. Please provide professional conclusions and recommendations regarding the evaluation of the landfill closure including:

- a. Effectiveness and results of a groundwater investigation.

The groundwater has been monitored on a continuing basis. Turbidity and color were consistently above the Maximum Contaminant Level (MCL) given in Rule 17-500, F.A.C. Elevated results were also reported for the background well (Well No. 2) for these two (2) parameters. Cadmium, chromium, and sometimes nitrates occasionally were reported close to above MCL. Again, the background well showed the elevated levels.

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It is our opinion that the results of the groundwater monitoring program indicate that contaminants are not appreciably being introduced into the groundwater as a result of the operation of this facility.

b. Effects of surface water runoff, drainage patterns and existing stormwater controls.

It is our opinion that the drainage patterns and existing stormwater controls are suitable for the site and that the surface water management system is performing satisfactorily and is not in need of modification or improvements.

c. Extent and effects of methane gas migration.

The purpose of measuring methane gas generated at the Sumter County Landfill site was to determine if landfill gas was moving laterally, possibly causing a threat of explosion due to a buildup of gas in nearby structures or migration to off-site locations.

Porous soils formerly used for daily cover in the closed portions of the landfill allow generated gas to easily move vertically. These soils do not indicate the possibility for the creation of a trap or seal forcing the generated gas to move laterally.

In conjunction with the closure process, a passive gas venting system was designed and installed to allow the vertical release of any gases generated. This system is working satisfactory at this time.

The results of a field test for gas migration were given in a report dated February 2, 1988. This

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report is presented in Appendix K of the Appendices accompanying the Applications for Permit to Operate Composting Facility, Permit to Operate Resource Recovery Facility, Waste Tire General Permit and Permit to Maintain Closed Class I Sanitary Landfill submitted March 30, 1992. The gas readings were reported negative; therefore, it is concluded that any gases being generated by decomposing materials are being liberated vertically through porous soils and not migrating laterally.

- d. Type and condition of existing cover and its effectiveness as a leachate control mechanism.

All cover materials were installed in accordance with FDER regulations with impermeable materials or asphalt and have been maintained in their original condition. The cover is acting as designed and is effective in preventing the vertical percolation of surface water into the closed fill. It is our opinion that the existing cover is an effective leachate control mechanism.

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Closure

Applications for five separate permits have been submitted simultaneously in the original report and have been addressed in this request for additional information. We request that each permit be issued individually after all the requested information is reviewed and approved.

In particular, we request that the permit for leachate treatment be processed as expediently as possible so that we can begin the necessary tasks to put a system in operation. As you know, existing facilities are not in operation at this time pending the permitting, design and construction of the proposed system. Your help in facilitating this permit would be greatly appreciated.

We hope that the provided information meets your needs at the present time. Should you have any additional questions, or if you require additional information, please contact our office.

Very truly yours,

SPRINGSTEAD ENGINEERING, INC.

John W. Springstead, P.E.
President
Florida Reg. No. 8579

David W. Springstead
Project Geotechnical Engineer

JWS:JAD:DWS:RWW/jad

James A. Dunaway, P.G.
Engineering Geologist
Florida Reg. No. 9395

Ralph W. Wernock, Jr., R.L.S.
Project Engineer
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Springstead Engineering, inc.

Consulting Engineers — Planners — Surveyors

727 South 14th Street

Leesburg, Florida 34748

Lake (904) 787-1414

Sumter (904) 793-3639

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JOB SUMTER COUNTY RAI

SHEET NO. _____ OF _____

CALCULATED BY _____ DATE _____

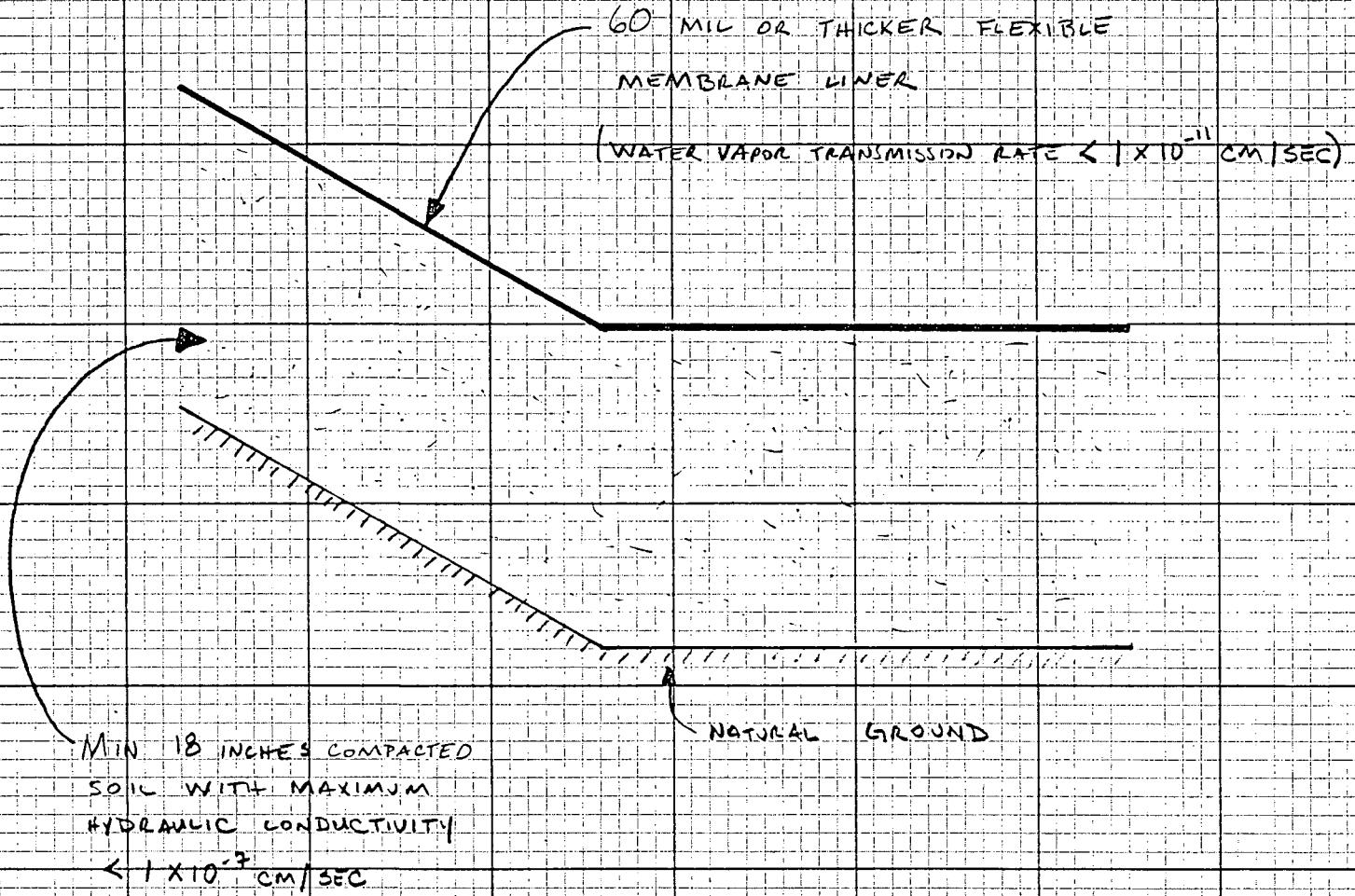
CHECKED BY _____ DATE _____

SCALE _____

FIGURE 1

QUESTION 12

COMPOSITE LINER SYSTEM



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SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
WT60-211205 - WASTE TIRE STORAGE
SO60-211182 - M.R.F.
SF60-211255 - LONG-TERM CARE
SC60-211181 - LEACHATE TREATMENT
PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX A
PROOF OF PUBLICATION**

MAY 29, 1992

92-1100.00

Proof of Publication

from the
SUMTER COUNTY TIMES
Bushnell, Sumter County, Florida
PUBLISHED WEEKLY

FILED

MAY 27 1992

IN THE OFFICE OF
BOARD COUNTY COMMISSIONERS
SUMTER COUNTY
BUSHNELL, FLORIDA

STATE OF FLORIDA
COUNTY OF SUMTER

Before the undersigned authority personally appeared

ROBERT REICHMAN

of the Sumter County Times, a newspaper published weekly on Thursday at Bushnell in Sumter County, Florida; that the attached copy of advertisement being a public notice in the matter of

NOTICE OF APPLICATION SOLID WASTE

Court, was published in said newspaper in the issues of
MAY 14, 21, 1992 635

Affiant further says that the Sumter County Times is a newspaper published at Bushnell in said Sumter County, Florida, and that the said newspaper has heretofore been continuously published in Sumter County, Florida, each week and has been entered as second class mail matter at the post office in Bushnell in said Sumter 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/she 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.



PERSONALLY KNOWN TO ME
BRENDA G. LOCKLEAR

NOTARY PUBLIC STATE OF FLORIDA
MY COMMISSION EXPIRES JUNE 12, 1992
CONDUCE. CHUR CHURCH
JANET R. REICHMAN

Sworn to and subscribed before me this 21st
day of MAY A.D. 19 92

(SEAL) Notary Public



SCT-635-0521
PUBLIC NOTICE
State of Florida
Department of
Environmental Regulation
Notice of Application
The Department announces
receipt of an application for permit from Sumter County Public
Works for permits for solid waste
composting, waste tire storage,
materials recovery, long-term
care, and leachate treatment at
the closed Sumter County Landfill,
located near I-75 and C.R. 470,
north of Bushnell, Sumter County,
Florida.
This application is being pro-
cessed and is available for public
inspection during normal business
hours, 8:00 a.m. to 5:00 p.m., Mon-
day through Friday, except legal
holidays, at the Department of En-
vironmental Regulation, South-
west District Office, 4520 Oak Fair
Boulevard, Tampa, Florida 33610-
7347.
Published two (2) times in
The Sumter County Times:
May 14 and 21, 1992.

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**

SO60-211179 - SOLID WASTE COMPOSTING

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PREPARED FOR

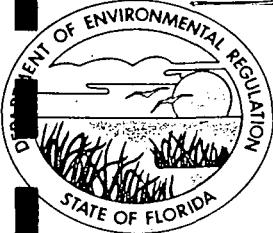


**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX B
FDER QA LETTER TO
SPRINGSTEAD ENGINEERING, INC.**

MAY 29, 1992

92-1100.00



Florida Department of Environmental Regulation

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

Lawton Chiles, Governor

May 1, 1992

Carol M. Browner, Secretary

RECEIVED
MAY 11 1992

SF,

James A. Dunaway
Springstead Engineering, Inc.
727 South 14th Street
Leesburg, FL 34748

SUBJECT: Quality Assurance Review; Springstead Engineering, Inc.
Comprehensive QA Plan #920119G
First Submittal

Dear Mr. Dunaway:

The Statement of Intent for the referenced Comprehensive QA Plan was received on April 30, 1992. The CompQAP for your organization has limited approved pending status for the following sampling activities: Groundwater, Surface Water, Wastewater, Potable Water, Soil, Sediment and Domestic Waste Sludges. This means that your organization may begin performing work for these specific activities in DER programs or activities that have been designated as Category 2 or 3 by the QA Rule.

Sections 6, 9 and 11 must be revised to reflect the use of the DER Interim SOPs. The instructions on how to revise your document are discussed in DER QAS #91-06 (attached). Before you submit these changes, please review your entire document to assure that all relevant CompQAP Review Checklist requirements for the other 13 sections have been discussed and make any additional corrections.

The revisions to the CompQAP must be received by the QA Section on or before August 7, 1992. Approval pending will automatically expire on that date unless you advise the QA Sections of any delays.

The DER Quality Assurance Section will schedule the laboratory portion of your QA Plan for review and will be issuing separate approvals for sampling and analysis capabilities.

If you have any questions concerning this matter, please call John Watts at (904) 488-2796.

Sincerely,

Sylvia S. Labie, QA Officer
Quality Assurance Section

SSL/dsk

Attachments (2): DER QAS # 91-06
CompQAP Review Checklist Full Service

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**

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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX C
MONITORING WELL CONSTRUCTION
DETAILS AND BORING LOGS**

MAY 29, 1992

92-1100.00

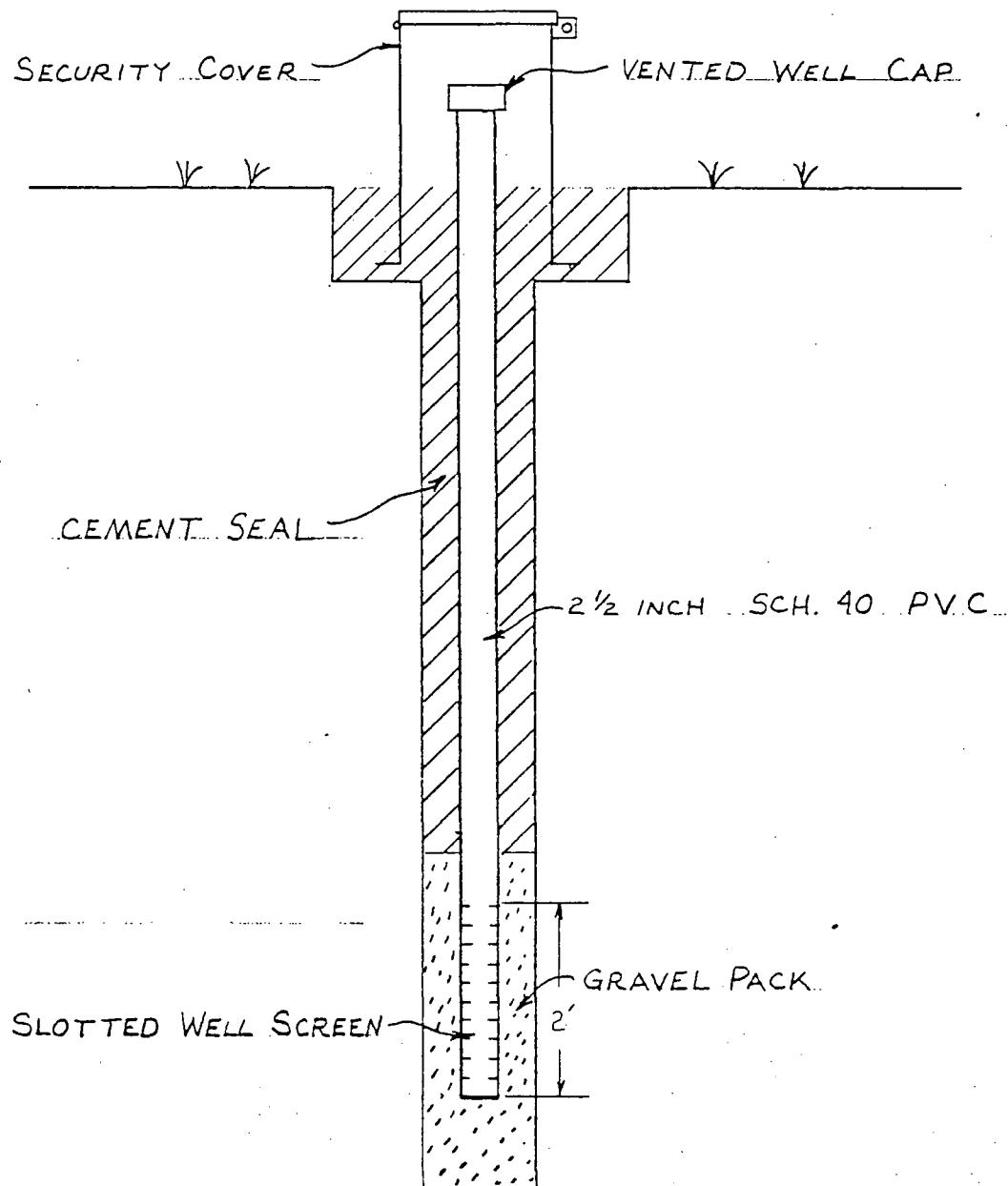
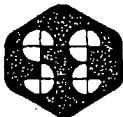


FIG. 20

TYPICAL MONITORING WELL

BORING LOG

BORING NO. TH1

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: TH1

ELEV.: 64.23

DATE: 4-18-84

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 440' NORTH, 375' EAST

BORING METHOD: ASTM D 1452

DRILLER: OPSHAL

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NONE

DEPTH OF COLLAPSE: NONE

ELEV. DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
65 60 55 50 45 40 25		POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES	GRAYISH BROWN TO YELLOWISH BROWN SAND PERMEABILITY $K = 1.40E-02$ ft/min
35 30 20		SILTY SANDS SAND-SILT MIXES	@ 9' BROWN SILTY SAND PERMEABILITY $K = 5.37E-04$ ft/min
15			
10			
5			
0			
65 60 55 50 45 40 25		POORLY GRADED SANDS OR GRAVELLY SANDS LITTLE OR NO FINES	@ 16' LIGHT BROWN SAND
20		CLAYEY SANDS SAND-CLAY MIXES	@ 19' WHITE CLAYEY SAND

PAGE NO. C 1

Central Testing Laboratory

BORING LOG

BORING NO. TH2

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: TH2

ELEV.: 56.19

DATE: 5-25-84

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 1220' NORTH, 1085' EAST

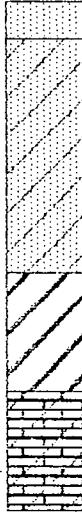
BORING METHOD: ASTM D 1452

DRILLER: OPSHAL

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: 12.06

DEPTH OF COLLAPSE: NONE

ELEV.	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
78			
65			
60			
55			
50			
45			
40			
35			
30			
25			
20			
15			
10			
5			
0		Poorly Graded Sands Or Gravelly Sands Little Or No Fines Clayey Sands Sand-Clay Mixes	Brown Sand @ 1' Blueish-Gray Sandy Clay
-5			
-10			
-15			
-20			
-25			
-30			
-35			
-40			
-45			
-50			
-55			
-60			
-65			
-70			
-75			
-80			
-85			
-90			
-95			
-100			

DEPTH TO GROUNDWATER TABLE MEASURED JANUARY 1984.

PAGE NO. C 2

Central Testing Laboratory

BORING LOG

BORING NO. TH3

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: TH3

ELEV.: 57.94

DATE: 5-25-84

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 20' SOUTH, 1310' EAST

BORING METHOD: ASTM D 1452

DRILLER: OPSHAL

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NONE

DEPTH OF COLLAPSE: NONE

ELEV DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
60			
59		POORLY GRADED SANDS	DARK BROWN SAND
55		CLAYEY SANDS	@ 3' GRAY CLAYEY SAND
54		CLAY	@ 4' RED CLAY
53		SANDY CLAY	@ 5' LIGHT BROWN SANDY CLAY
50			
49		POORLY GRADED SANDS	@ 9' LIGHT BROWN SAND
45		SANDY CLAY	@ 13' PINK SANDY CLAY
40			
35		CLAY	PINK CLAY
30			
25			

BORING LOG

BORING NO. TH4

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

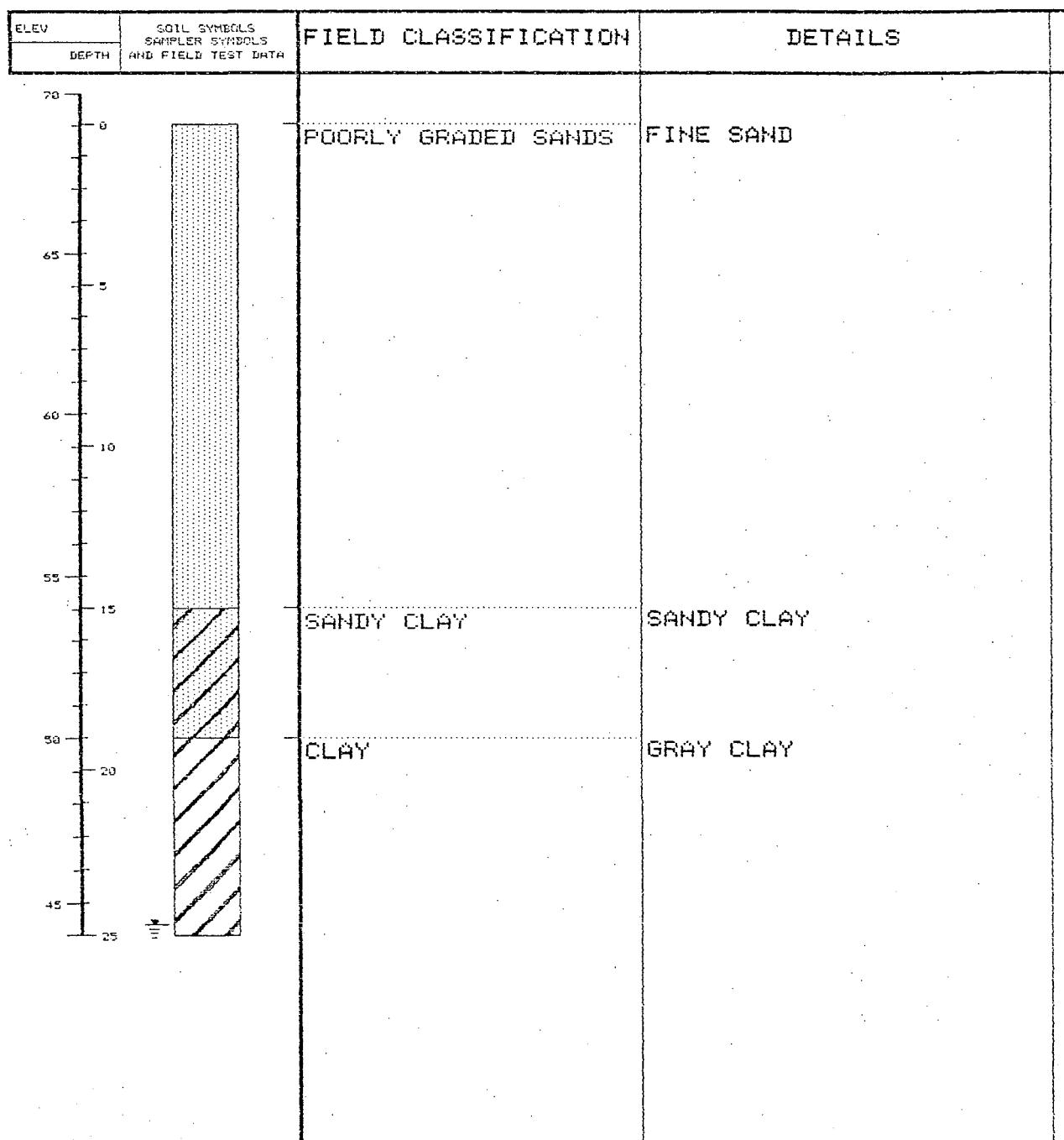
BORING NO.: TH4 ELEV.: 69.84 DATE: 5-25-84

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 940' NORTH, 100' EAST

BORING METHOD: ASTM D 1452 DRILLER: OPSHAL

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: 24.68 DEPTH OF COLLAPSE: NONE



PAGE NO. C-4

Central Testing Laboratory

BORING LOG

BORING NO. TH5

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

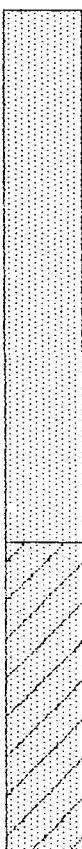
BORING NO.: TH5 ELEV.: 68.11 DATE: 5-25-84

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 25' NORTH, 275' EAST

BORING METHOD: ASTM D 1452 DRILLER: OPSHAL

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: 23.25 DEPTH OF COLLAPSE: NONE

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
60 55 50 45 40		CLAYEY SANDS	CLAYEY SAND

PAGE NO. C 5

Central Testing Laboratory

BORING LOG

BORING NO. MW1

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW1

ELEV.: 69

DATE: 9-16-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 550' NORTH

BORING METHOD: ROTARY

DRILLER: SIGLIN / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV.	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
70			
60			
50			
40			
30			
20			
10			
0			
		POORLY GRADED SANDS SANDY CLAY CLAY LIMESTONE	BROWN SAND @ 10' BROWN SANDY CLAY @ 15' BROWN CLAY @ 22' WHITE LIMESTONE

PAGE NO. C 6

Central Testing Laboratory

BORING LOG

BORING NO. MW2

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW2 ELEV.: 72.47 DATE: 9-19-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 15' NORTH, 330' EAST

BORING METHOD: ROTARY DRILLER: SIGLIN / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED DEPTH OF COLLAPSE: NONE

ELEV DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
68			
69			
70			
71			
72			
73			
74		Poorly Graded Sands	Brown Sand
75			
76			
77			
78			
79			
80			
81			
82			
83			
84			
85			
86			
87			
88			
89			
90			
91			
92			
93			
94			
95			
96			
97			
98			
99			
100			
101			
102			
103			
104			
105			
106			
107			
108			
109			
110		Sandy Clay	@ 10' Brown Sandy Clay
111			
112			
113			
114			
115			
116			
117			
118			
119			
120		Clay	@ 18' Brown Clay
121			
122			
123			
124			
125			
126			
127			
128			
129		Limestone	@ 30' White Limestone
130			
131			
132			
133			
134			
135			
136			
137			
138			
139			
140			
141			
142			
143			
144			
145			
146			
147			
148			
149			
150			

PAGE NO. C 7

BORING LOG

BORING NO. MW3

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW3

ELEV.: 67.14

DATE: 9-20-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 1010' NORTH, 900' EAST

BORING METHOD: ROTARY

DRILLER: SIGLIN / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
78			
68		SAND, GARBAGE, METAL, GLASS AND ETC	BROWN SAND WITH GARBAGE
60			
58		SANDY CLAY AND GARBAGE	@ 10' BROWN SANDY CLAY AND GARBAGE
50		CLAY AND GARBAGE	@ 15' BROWN CLAY AND GARBAGE
40		LIMESTONE	@ 20' WHITE LIMESTONE
30			
20			
10			
0			

PAGE NO. C 8

Central Testing Laboratory

BORING LOG

BORING NO. MW4

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW4

ELEV.: 68.48

DATE: 9-28-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 1000' NORTH, 365' EAST

BORING METHOD: ROTARY

DRILLER: SIGLIN / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV.	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
70			
60			
50			
40			
30			
20			
10			
0			
		POORLY GRADED SANDS	BROWN SAND
		SANDY CLAY	@ 10' BROWN SANDY CLAY
		CLAY	@ 20' BROWN CLAY
		LIMESTONE	@ 30' WHITE LIMESTONE

BORING LOG

BORING NO. MWS

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MWS

ELEV.: 63.10

DATE: 9-30-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 2600' NORTH, 640' EAST

BORING METHOD: ROTARY

DRILLER: RABOLD / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV. DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
60			
40		POORLY GRADED SANDS	DARK GRAY SAND
20		CLAY	@ 20' DARK GRAY AND WHITE CLAY
0		LIMESTONE	@ 70' HARD WHITE LIME- STONE @ 80 SOFT BROWN LIME- STONE
-20			
-40			

Boring continues.

BORING LOG

BORING NO. MWS

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MWS

ELEV.: 63.18

DATE: 9-30-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 2600' NORTH, 640' EAST

BORING METHOD: ROTARY

DRILLER: RABOLD / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV. DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
-40 -60 -80 -100 -120 -140 -160		SANDY CLAY LIMESTONE	@ 105' BLACK SANDY CLAY @ 120' BROWN SANDY CLAY @ 140' BROWN LIMESTONE @ 149' BROWN AND WHITE HARD LIMESTONE @ 169 BROWN AND WHITE SOFT LIMESTONE

PAGE NO. C 11

Central Testing Laboratory

BORING LOG

BORING NO. MWS

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MWS

ELEV.: 77.36

DATE: 9-85

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 450' NORTH, 1135' EAST

BORING METHOD: ROTARY

DRILLER: RABOLD / TOWNSEND

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

ELEV.	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
60			
50			
40			
30			
20			
18		POORLY GRADED SANDS	BROWN SAND
10		SANDY CLAY	@ 10' BROWN SANDY CLAY
20		CLAY	@ 20' BROWN CLAY
30		LIMESTONE	@ 30 WHITE LIMESTONE

BORING LOG

BORING NO. MW6A

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW6A ELEV.: 0 DATE: 5-4-89

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 1020' NORTH, 1380' EAST

BORING METHOD: ROTARY DRILLER: STURDEVANT

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED DEPTH OF COLLAPSE: NONE

ELEV. DEPTH	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
0		POORLY GRADED SANDS	TAN SAND
10			
20		CLAY WITH LIMESTONE FRAGMENTS	@ 20' GRAY CLAY AND LIMESTONE
30		LIMESTONE	@ 29 LIMESTONE
40			
50			

BORING LOG

BORING NO. MW7

PROJECT: SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY, SUMTER CO., FL

BORING NO.: MW7

ELEV.: 8

DATE: 5-3-89

BORING LOCATION: FROM SW CORNER, APPROXIMATELY 1330' NORTH, 900' EAST

BORING METHOD: ROTARY

DRILLER: STURDEVANT

CLIENT: THE SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

DEPTH TO - Water: NOT NOTED

DEPTH OF COLLAPSE: NONE

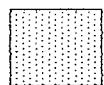
ELEV.	SOIL SYMBOLS SAMPLER SYMBOLS AND FIELD TEST DATA	FIELD CLASSIFICATION	DETAILS
DEPTH			
0		POORLY GRADED SANDS	TAN SAND
10			
20		CLAYEY SANDS	@ 20' TAN SAND AND CLAY
30		LIMESTONE	@ 25' WHITE CLAY AND SAND @ 28 LIMESTONE
40		CLAY	@ 31 GRAY CLAY
50		LIMESTONE	@ 34' LIMESTONE
56			

PAGE NO. C 14

Central Testing Laboratory

Legend:

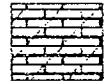
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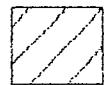
POORLY GRADED SANDS
OR GRAVELLY SANDS
LITTLE OR NO FINES



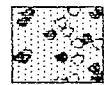
CLAYEY SANDS
SAND-CLAY MIXES



CLAY WITH
LIMESTONE FRAGMENTS



SANDY CLAY



SAND, GARBAGE,
METAL, GLASS AND ETC

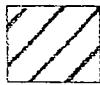


CLAY AND GARBAGE

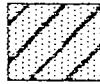
Symbol: Description:



SILTY SANDS
SAND-SILT MIXES



INORGANIC CLAYS OF
HIGH PLASTICITY



SANDY CLAY



LIMESTONE



SANDY CLAY AND
GARBAGE



GROUNDWATER TABLE MEASURED
AT THE COMPLETION OF
THE BORING

Notes:

1. BORINGS DRAFTED FROM BORING LOGS SUBMITTED WITH GROUNDWATER MONITORING PLAN DATED JUNE 14, 1984 AND FROM BORING LOGS SUBMITTED WITH THE MONITORING WELL PERMITS.

**FOR LOCATIONS OF THE BORINGS AND MONITORING WELLS, SEE
THE MAP ENCLOSED IN APPENDIX D.**

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
WT60-211205 - WASTE TIRE STORAGE
SO60-211182 - M.R.F.
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PREPARED FOR

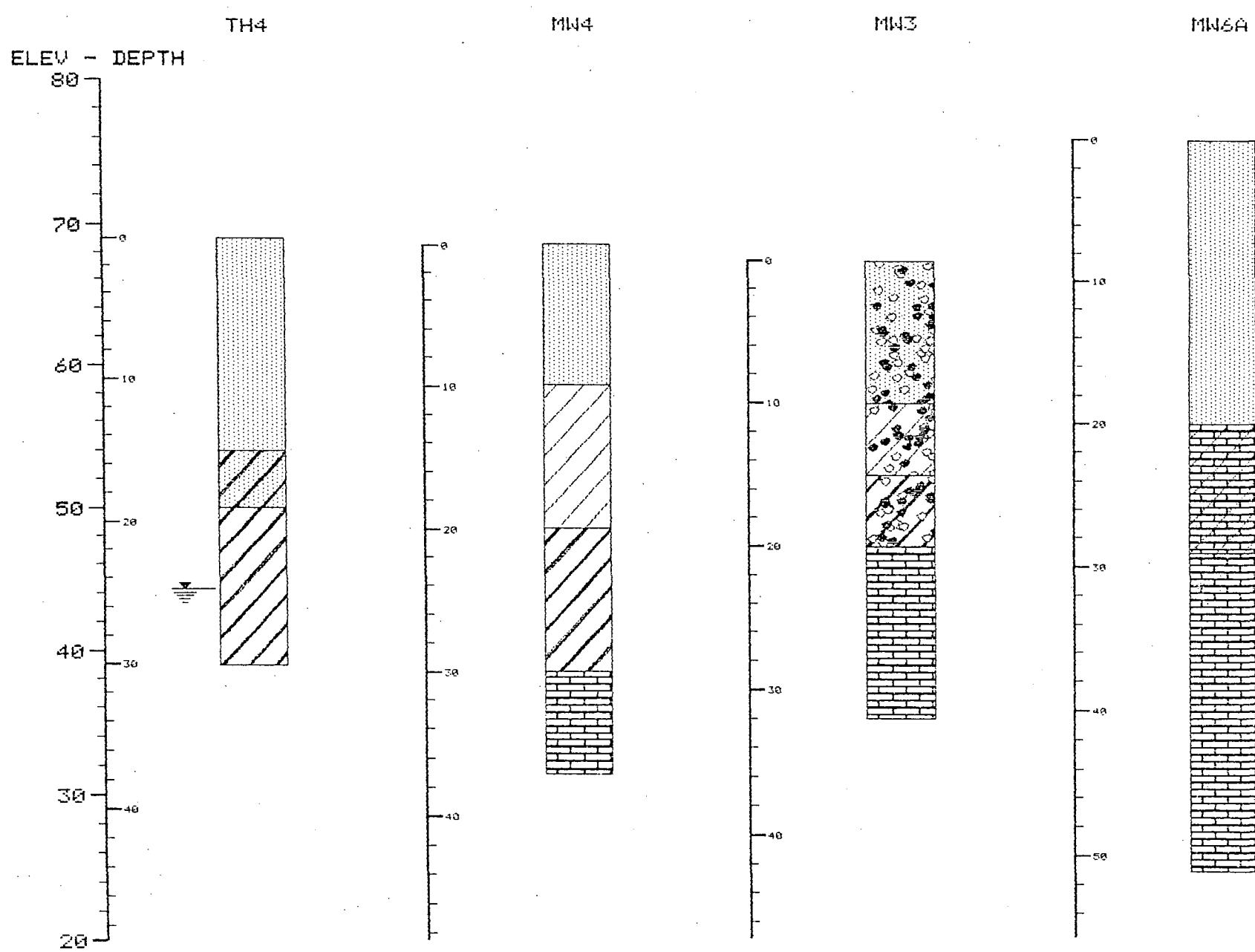


**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX D CROSS-SECTIONS FROM BORING LOGS

MAY 29, 1992

92-1100.00



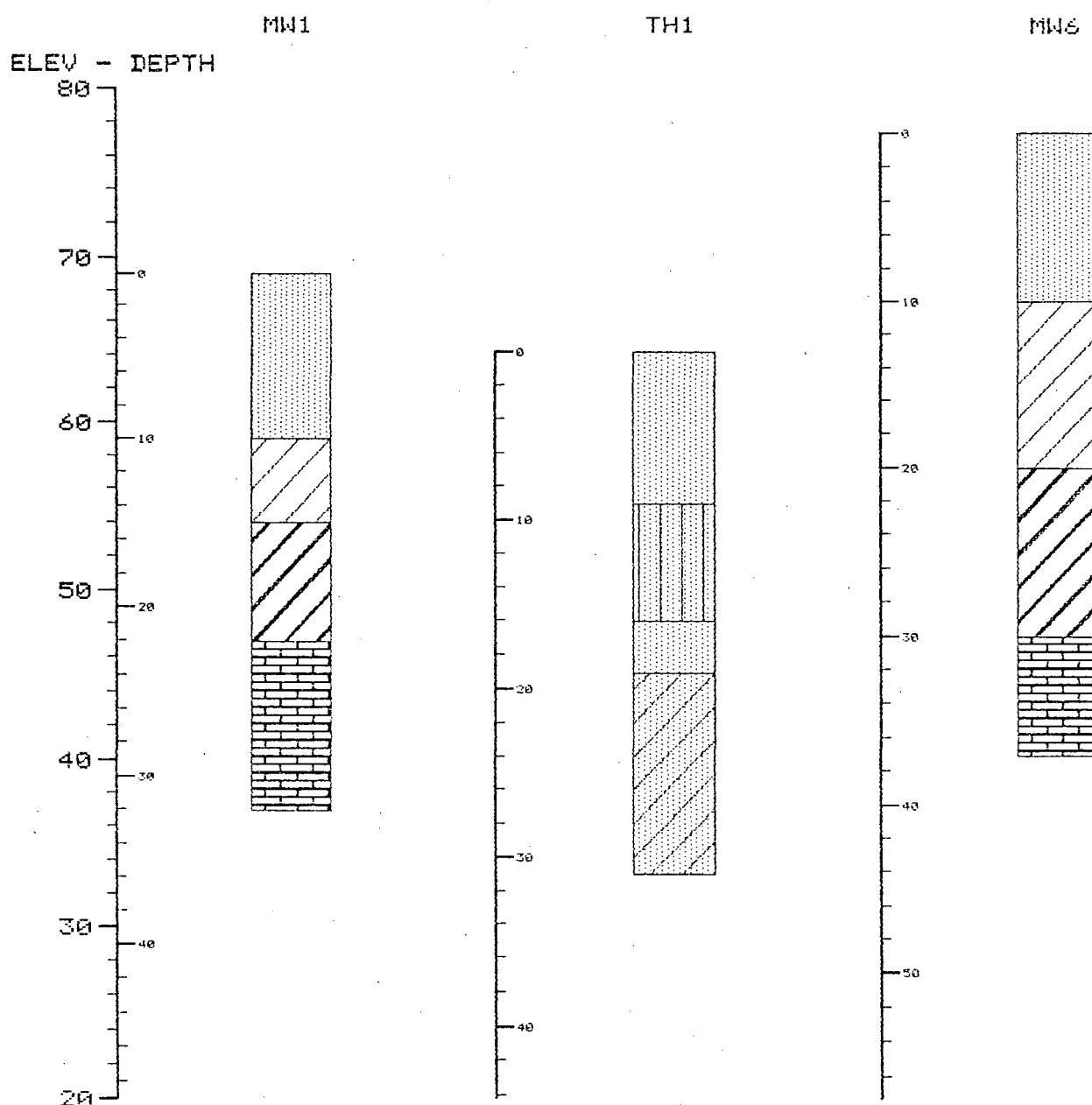
**SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
CROSS-SECTION A - A'**
MAY 29, 1992
92.1100.00

PAGE NO. D1

Project No. 92-1100.00



**Springstead
Engineering, Inc.**



**SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
CROSS-SECTION B - B'
MAY 29, 1992
92.1100.00**

PAGE NO. D-2

Project No. 92-1100.00



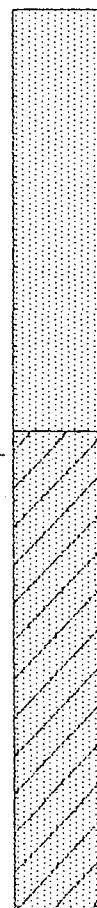
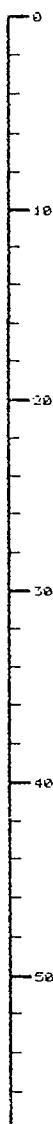
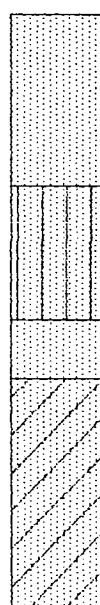
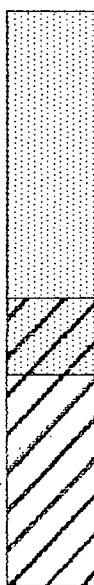
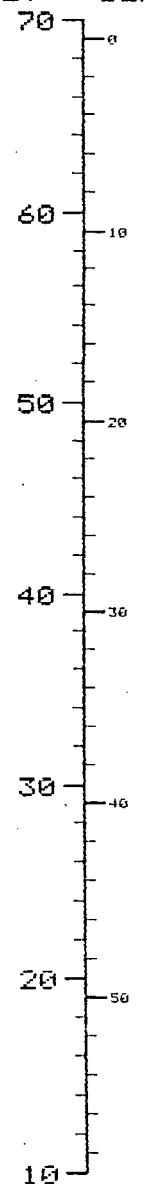
**Springstead
Engineering, inc.**

ELEV - DEPTH

TH4

TH1

TH5



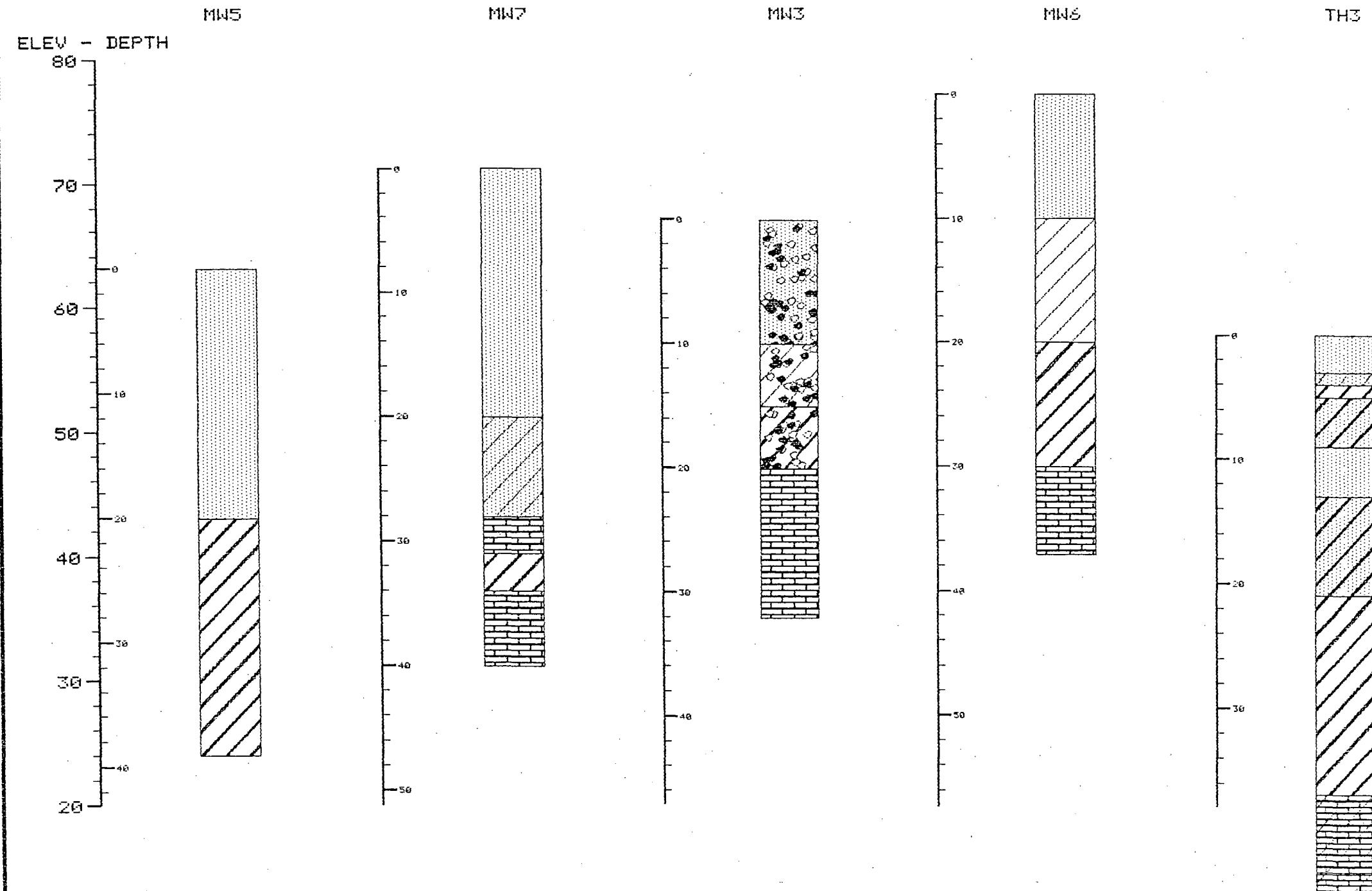
**SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
CROSS-SECTION C - C'**
MAY 29, 1992
92-1100.00

PAGE NO. D-3

Project No. 92-1100.00



**Springstead
Engineering, Inc.**



SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
CROSS-SECTION D - D'
MAY 29, 1992
92.1100.00

PAGE NO. D-4

Project No. 92-1100.00



**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
WT60-211205 - WASTE TIRE STORAGE
SO60-211182 - M.R.F.
SF60-211255 - LONG-TERM CARE
SC60-211181 - LEACHATE TREATMENT
PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX E GROUNDWATER DATA TABLES

MAY 29, 1992

92-1100.00

MW #1 - TOP EL. 70.20, GROUND EL. 69.0, BOTTOM EL. 39.90
 MW # 2 - TOP EL. 74.17, GROUND EL. 72.47, BOTTOM EL. 39.07
 MW # 4 - TOP EL. 70.47, GROUND EL. 68.48, BOTTOM EL. 35.67
MW # 5 - TOP EL 64.57, GROUND EL. 63.10, APPROXIMATELY 175 FEET DEEP
 MW # 6A - TOP EL. 77.47, GROUND EL. 75.67, BOTTOM EL. 26.47
 MW # 7 - TOP EL. 73.08, GROUND EL. 71.27, BOTTOM EL. 22.42

DATE	MW # 1	MW # 2	MW # 4	MW # 5	MW # 6A	MW # 7
7-10-87	23'11"	27'8"	24'	18'2"	N/A	N/A
1-18-88	24'8"	28'5"	24'10"	19'2"	N/A	N/A
4-5-88	22'9"	26'5"	22'11"	17'7"	N/A	N/A
7-11-88	26'5"	30'1"	26'5"	20'6"	N/A	N/A
10-18-88	24'1"	27'6"	24'3"	18'6"	N/A	N/A
1-10-89	26'	29'9"	26'3"	20'	N/A	N/A
4-12-89	26'6"	30'9"	27'3"	20'8"	34'5"	29'10"
7-11-89	26'6"	31'	26'9"	20'6"	33'8"	21'2"
10-10-89	24'8"	29'5"	25'6"	19'8"	32'6"	28'3"
1-9-90	26'4"	30'5"	26'11"	20'5"	30'8"	29'2"
4-3-90	22'2"	30'	26'6"	20'3"	32'10"	28'10"
7-10-90	27'4"	31'5"	27'8"	21'4"	35'2"	30'1"
10-16-90	27'6"	31'8"	28'	21'3"	34'9"	30'6"
1-8-91	28'2"	32'2"	28'7"	22'5"	35'5"	31'1"
4-2-91	25'11"	29'11"	26'4"	19'11"	33'4"	28'6"
7-9-91	25'	28'2"	24'5"	18'10"	31'5"	27'
10-1-91	23'9"	26'10"	23'1"	18'6"	30'2"	26'3"
1-7-92	27'7"	30'10"	27'7"	21'6"	34'4"	30'3"
4-7-92	28'6"	32'9"	26'6"	21'11"	35'	31'

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
DEPTHES TO GROUNDWATER
JULY 10, 1987 THROUGH APRIL 7, 1992

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX F GROUNDWATER ELEVATION CONTOUR MAPS

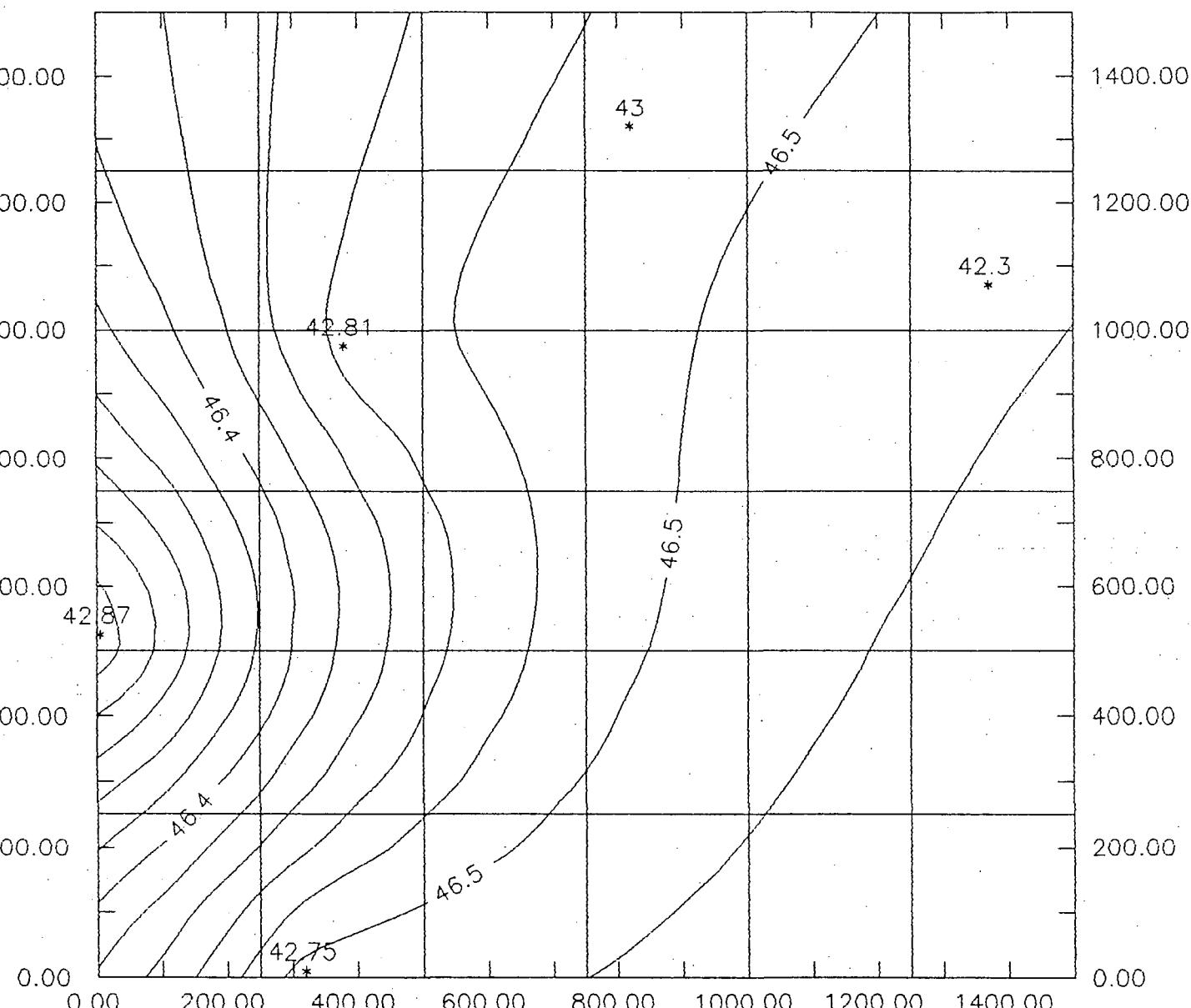
MAY 29, 1992

92-1100.00

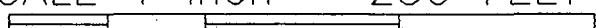
SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS - JUL 10, 1987

0.00 200.00 400.00 600.00 800.00 1000.00 1200.00 1400.00

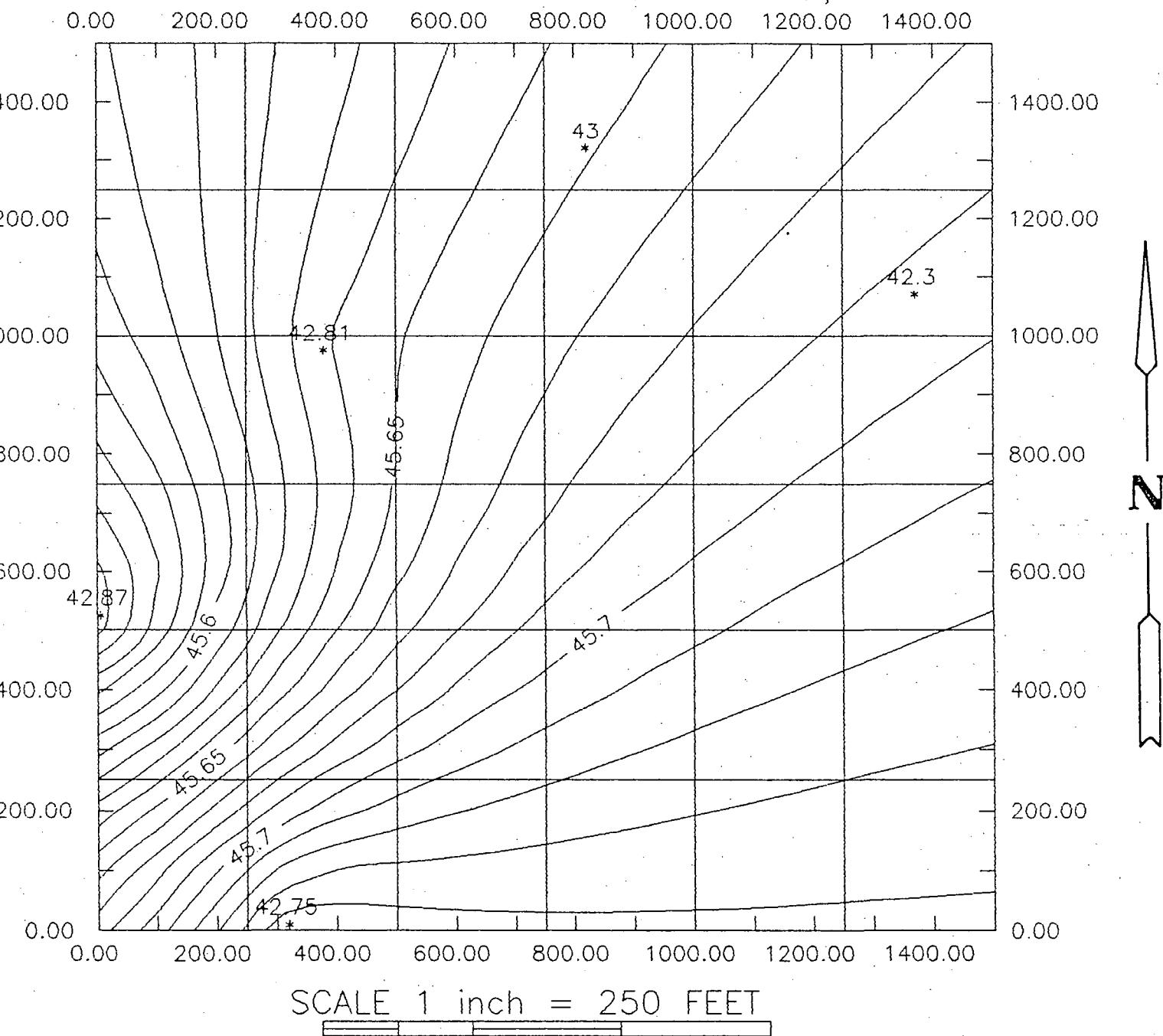


SCALE 1 inch = 250 FEET



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS - JAN 18, 1988

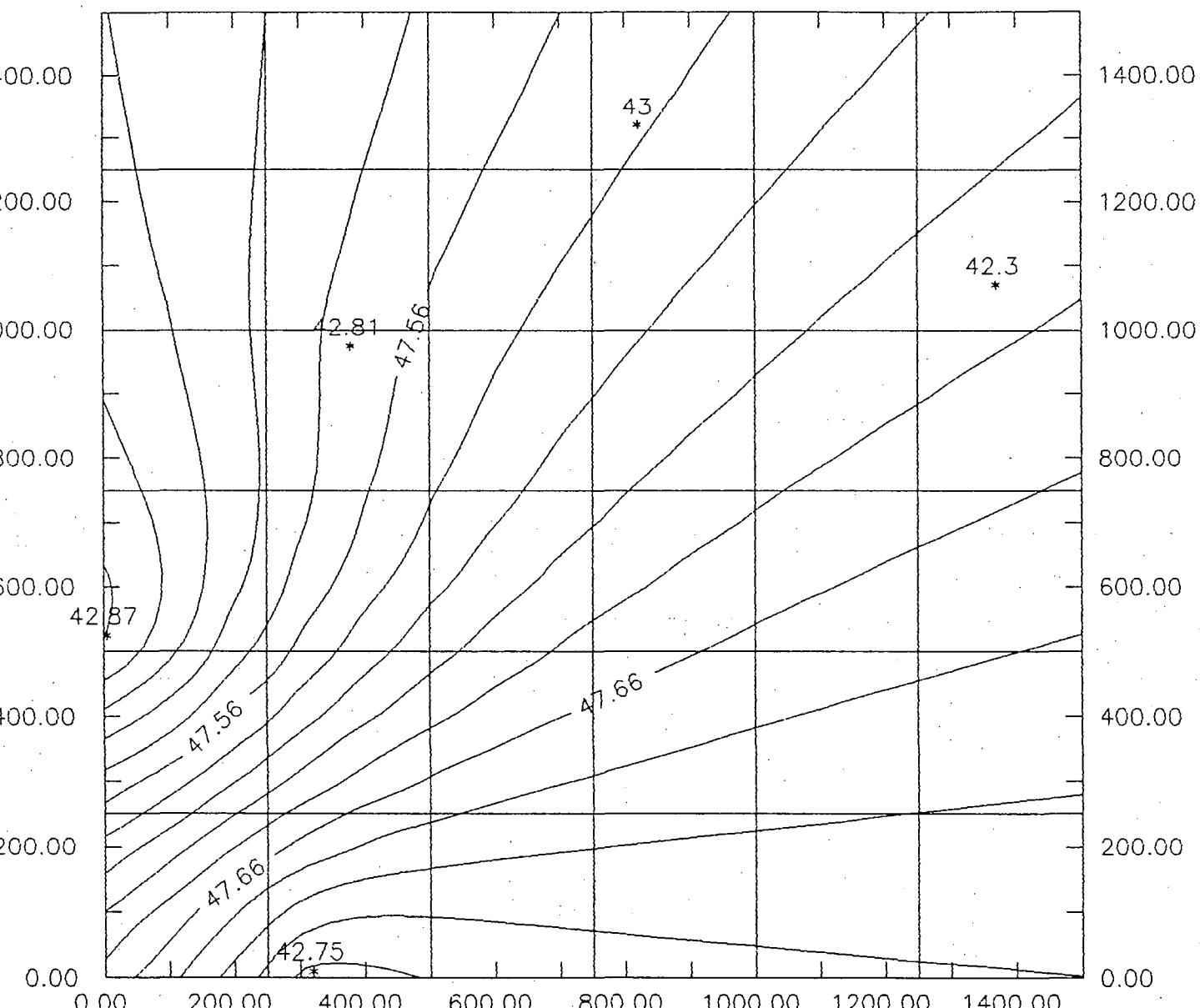


SCALE 1 inch = 250 FEET

SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS - APR 5, 1988

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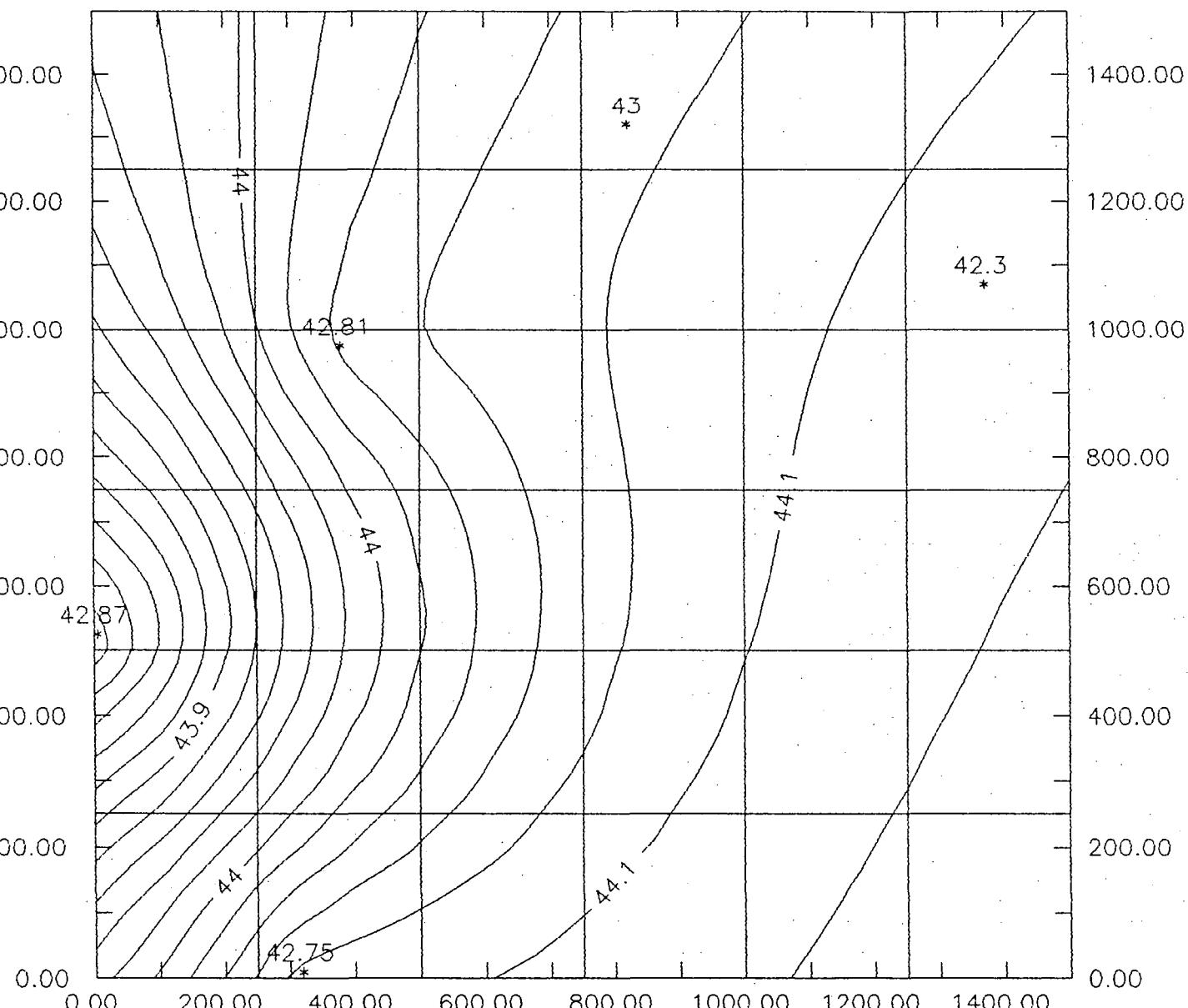


SCALE 1 inch = 250 FEET

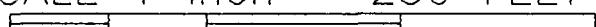
SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – JUL 11, 1988

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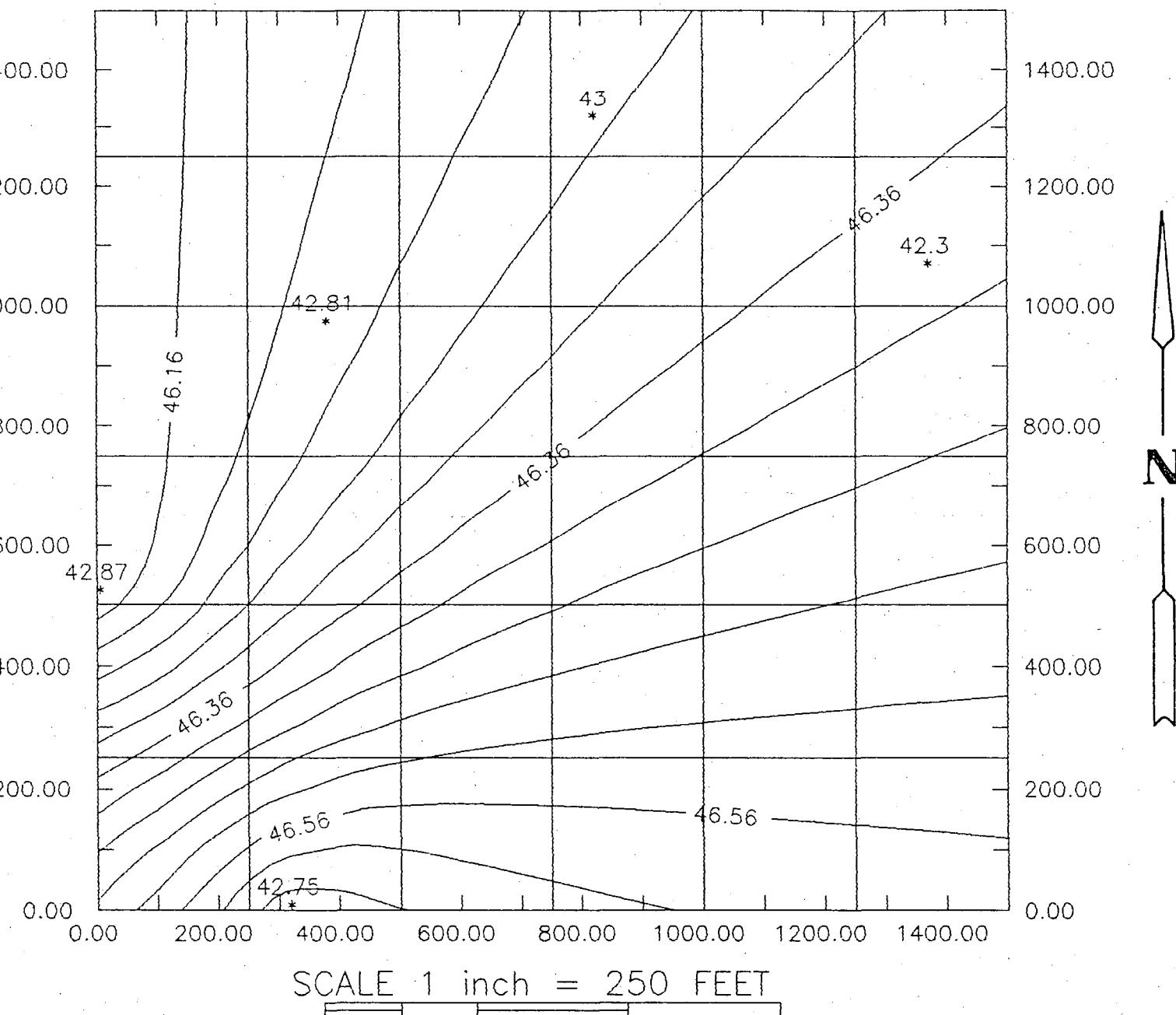
SCALE 1 inch = 250 FEET



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

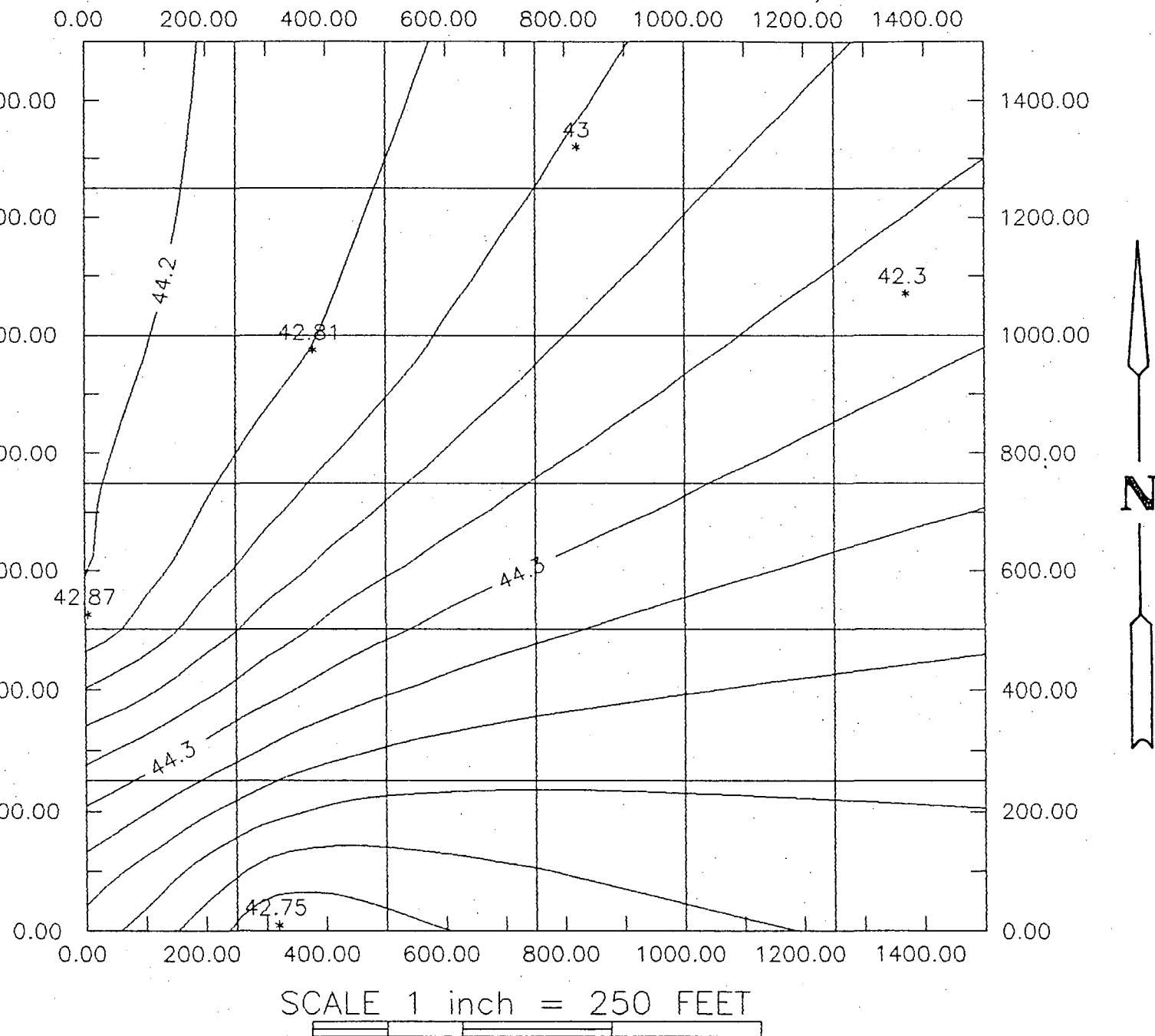
GROUNDWATER ELEVATIONS – OCT 18, 1988

0.00 200.00 400.00 600.00 800.00 1000.00 1200.00 1400.00



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

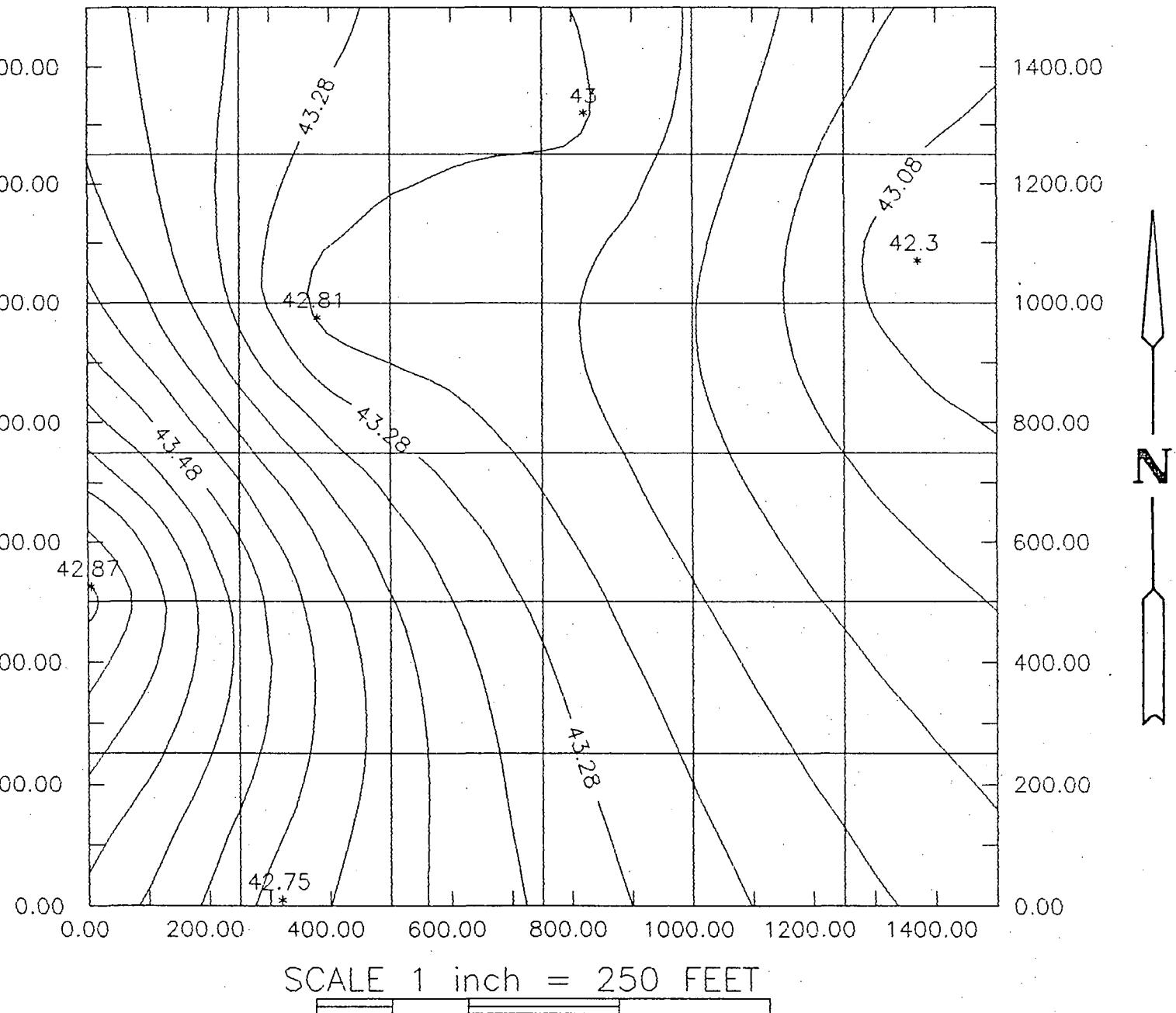
GROUNDWATER ELEVATIONS – JAN 10, 1989



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – APR 12, 1989

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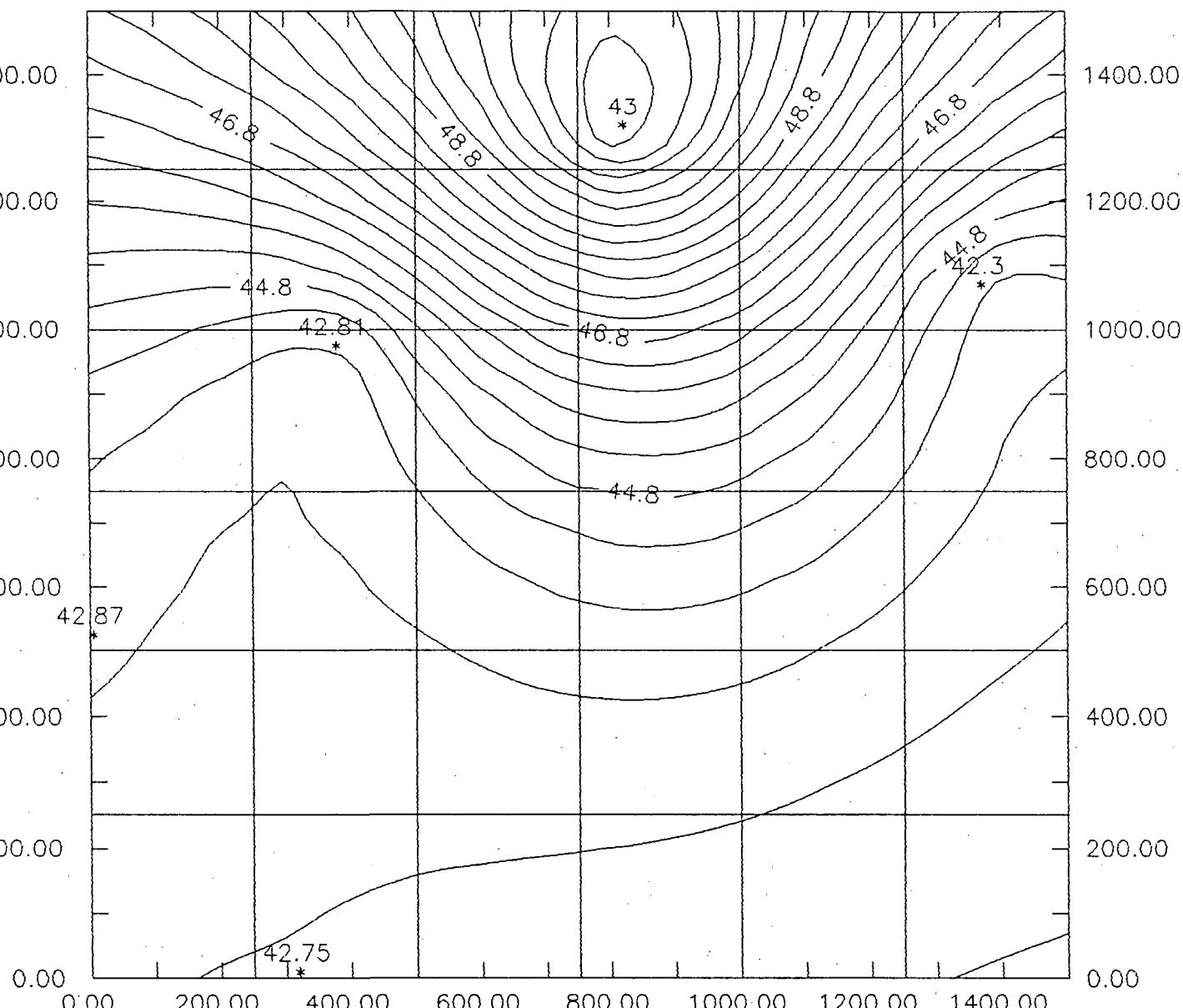


SCALE 1 inch = 250 FEET

SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – JUL 11, 1989

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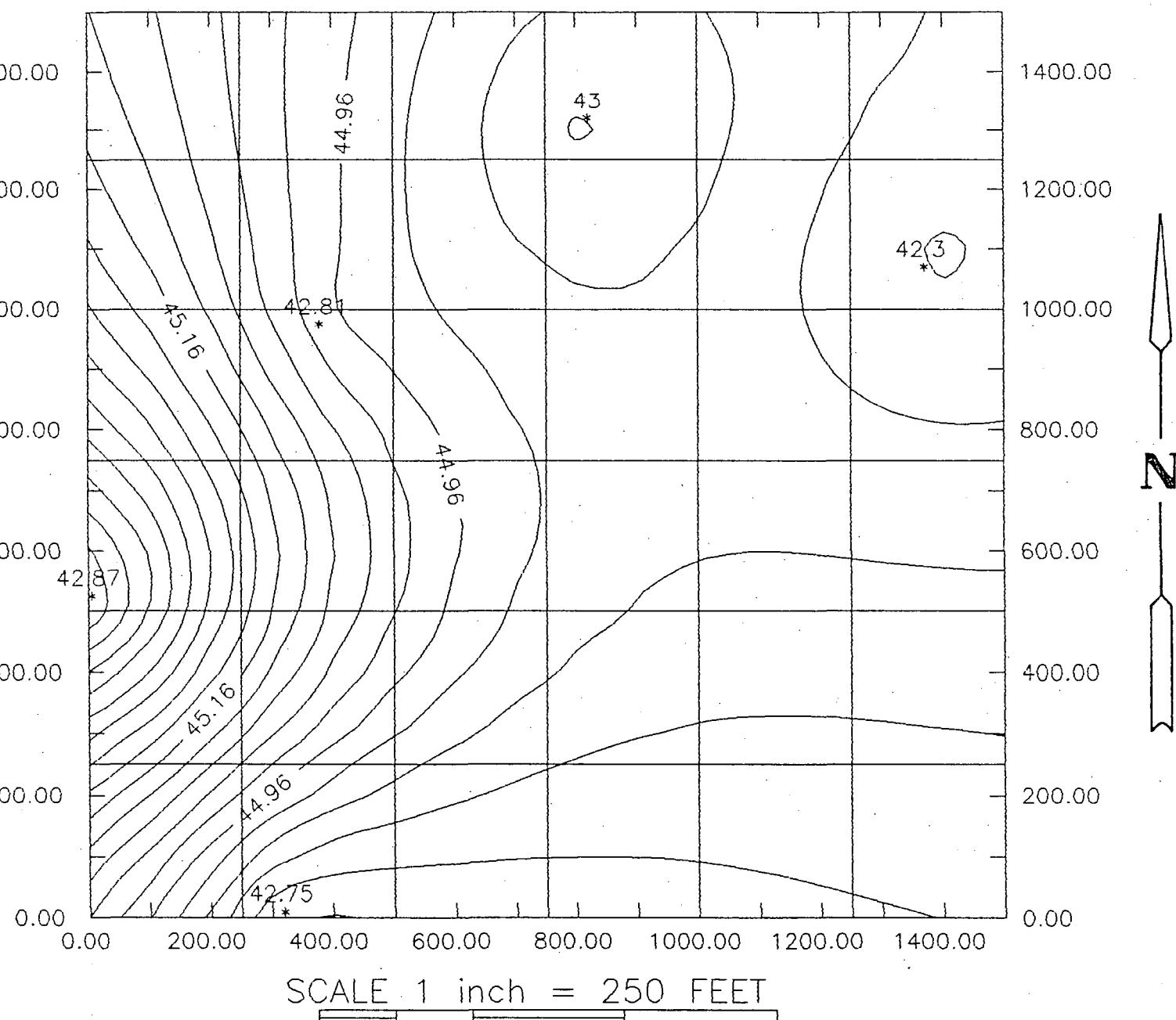
SCALE 1 inch = 250 FEET



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

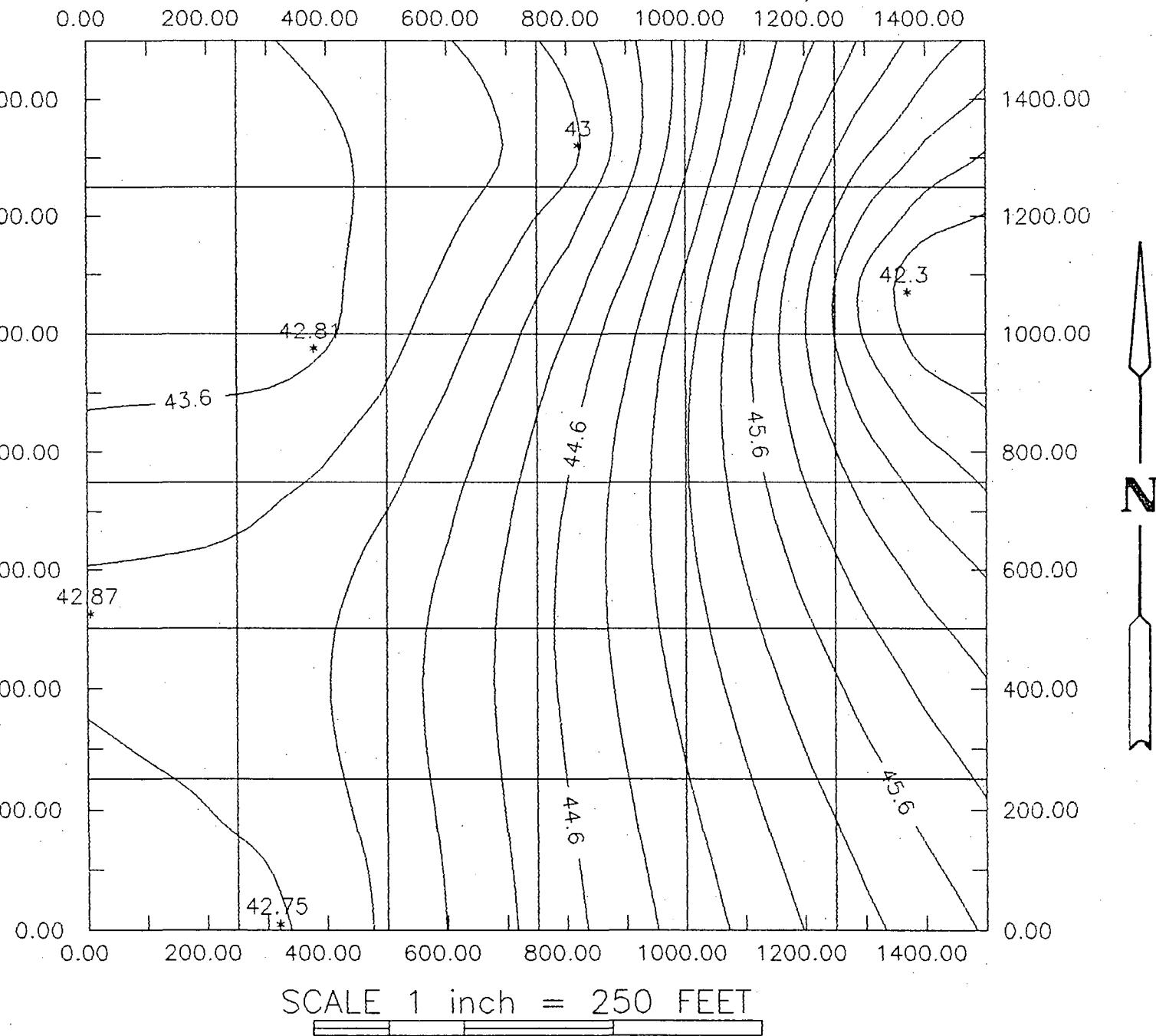
GROUNDWATER ELEVATIONS – OCT 10, 1989

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SUMTER CO. SOLID WASTE MANAGEMENT FAC.

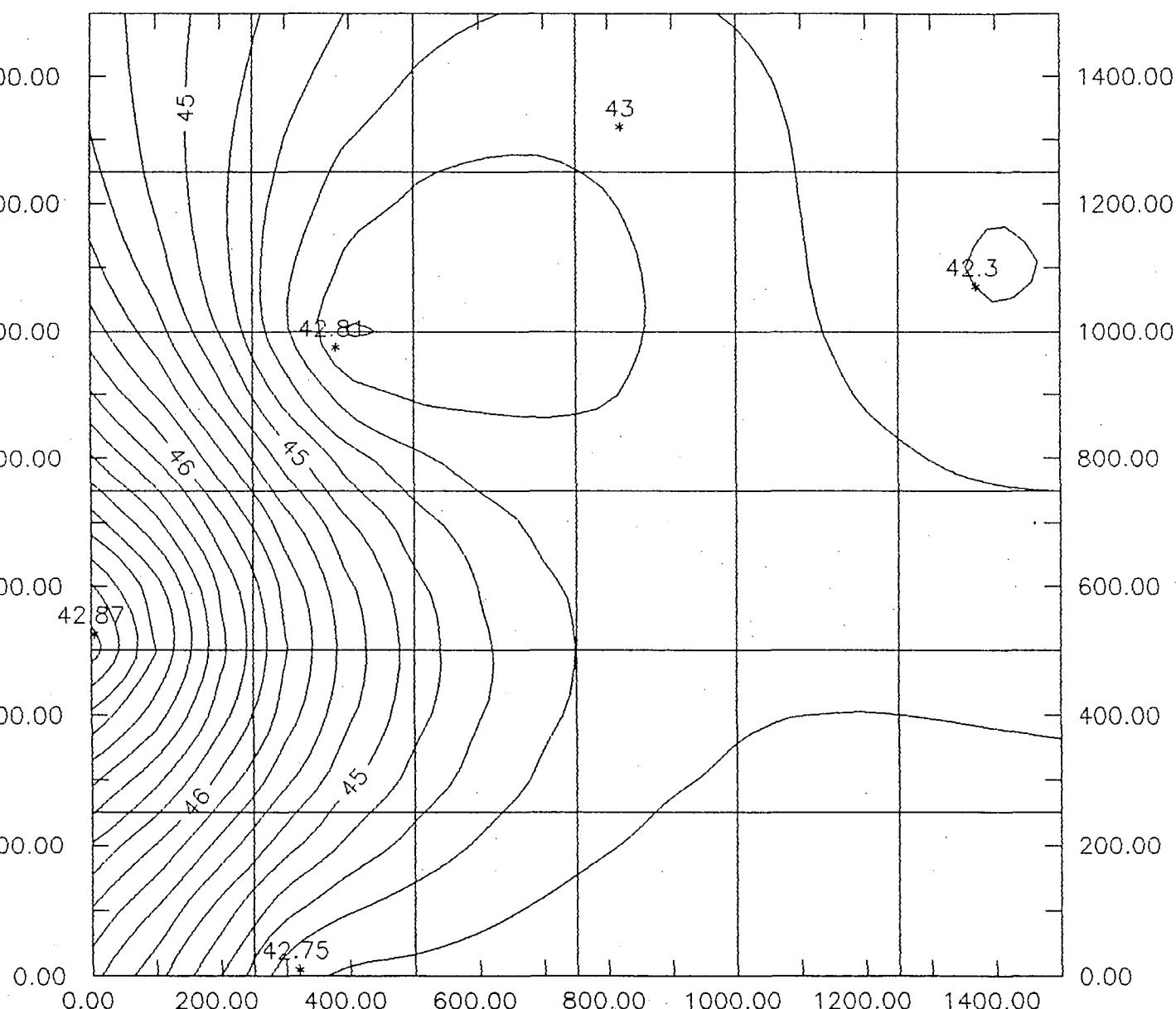
GROUNDWATER ELEVATIONS – JAN 9, 1990



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – APR 3, 1990

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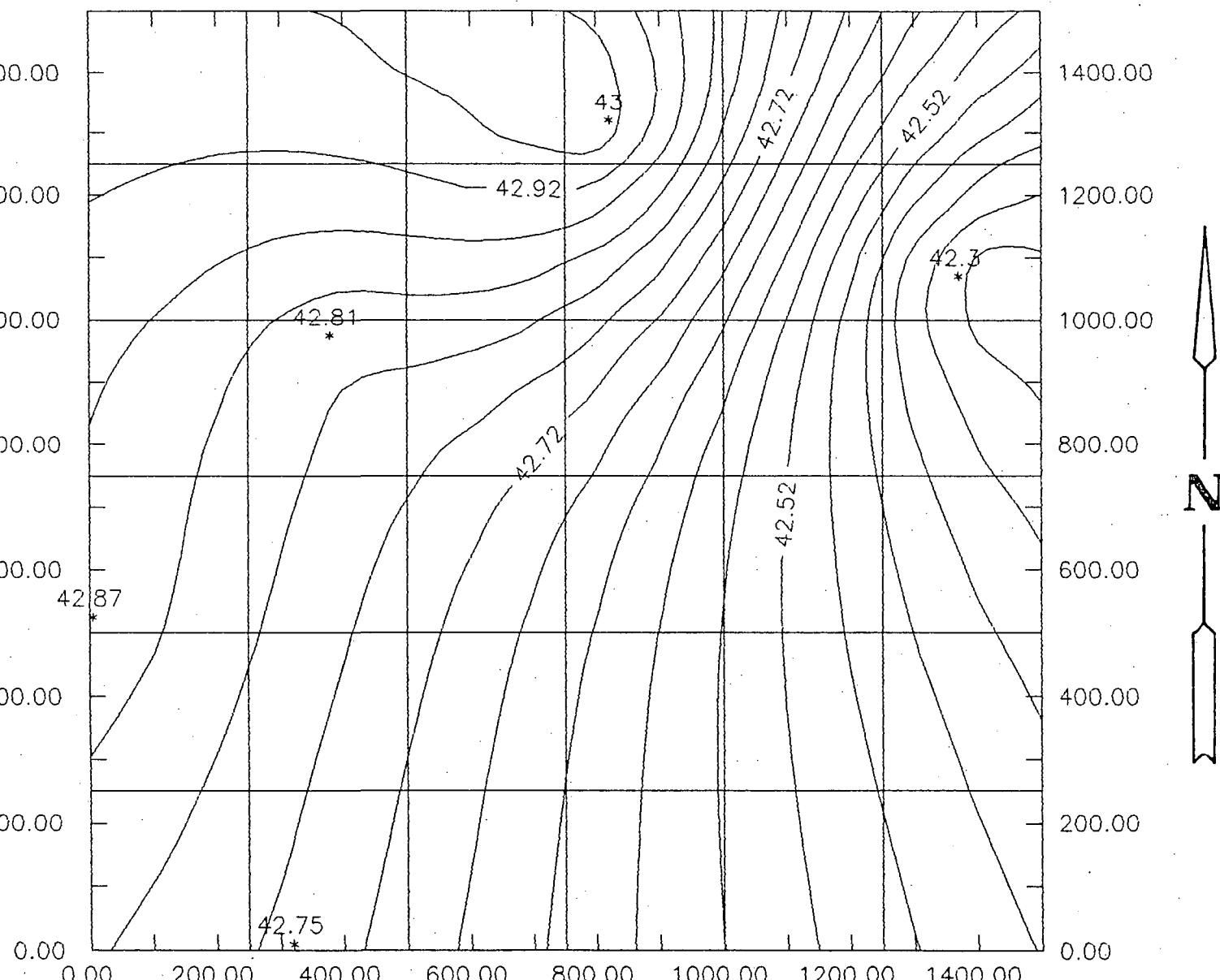


SCALE 1 inch = 250 FEET

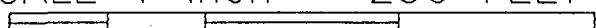
SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – JUL 10, 1990

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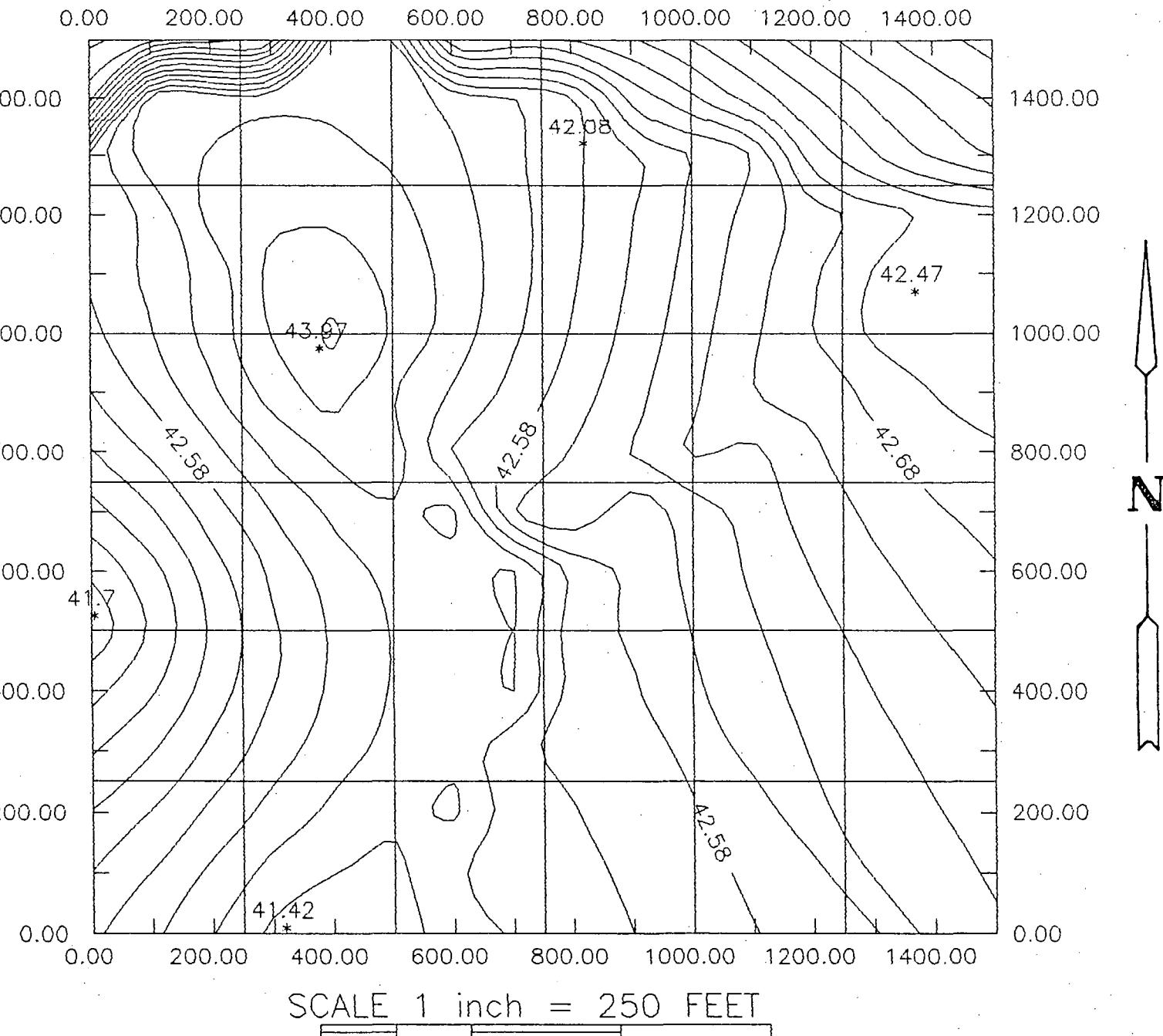


SCALE 1 inch = 250 FEET



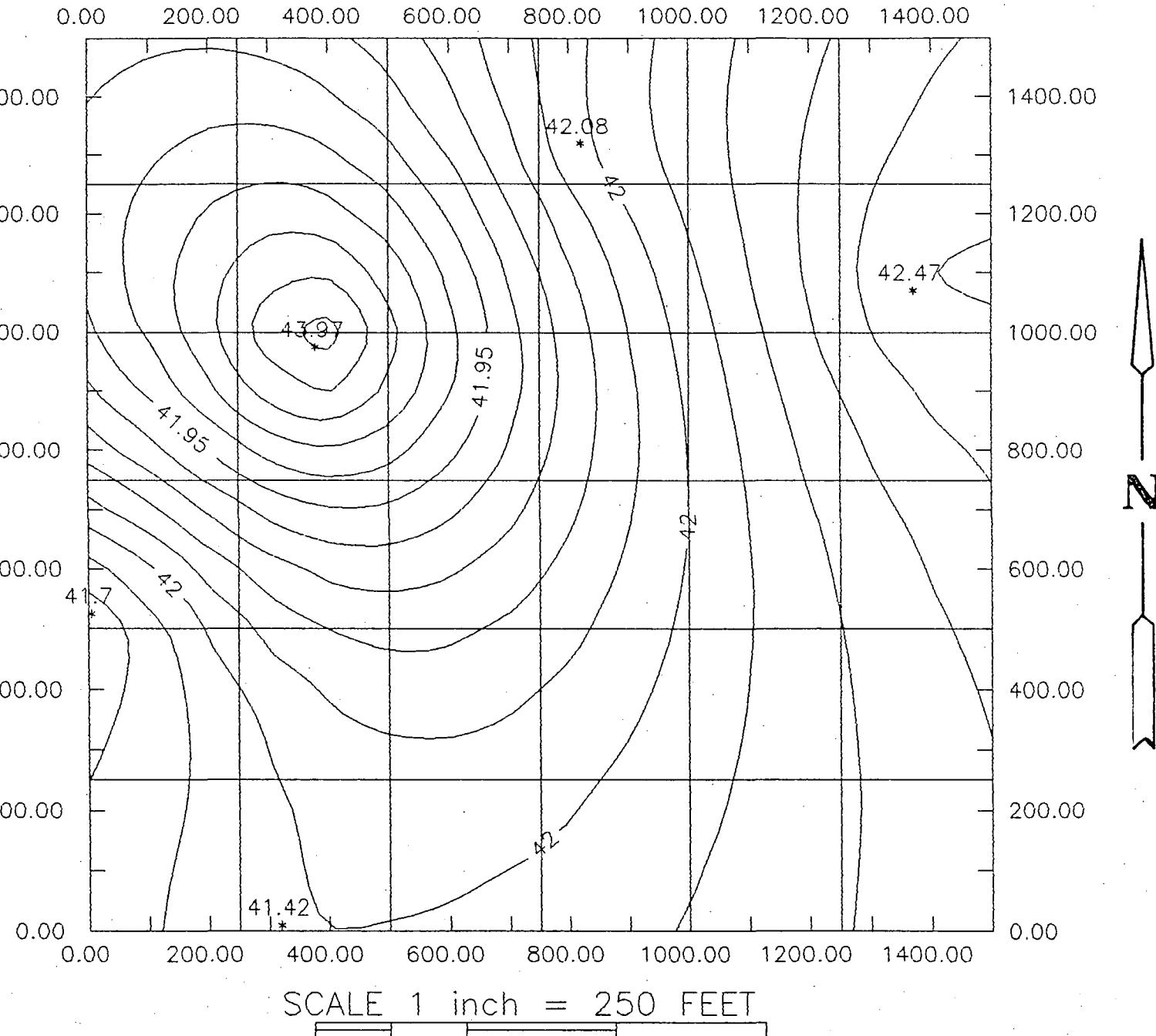
SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – OCT 16, 1990



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

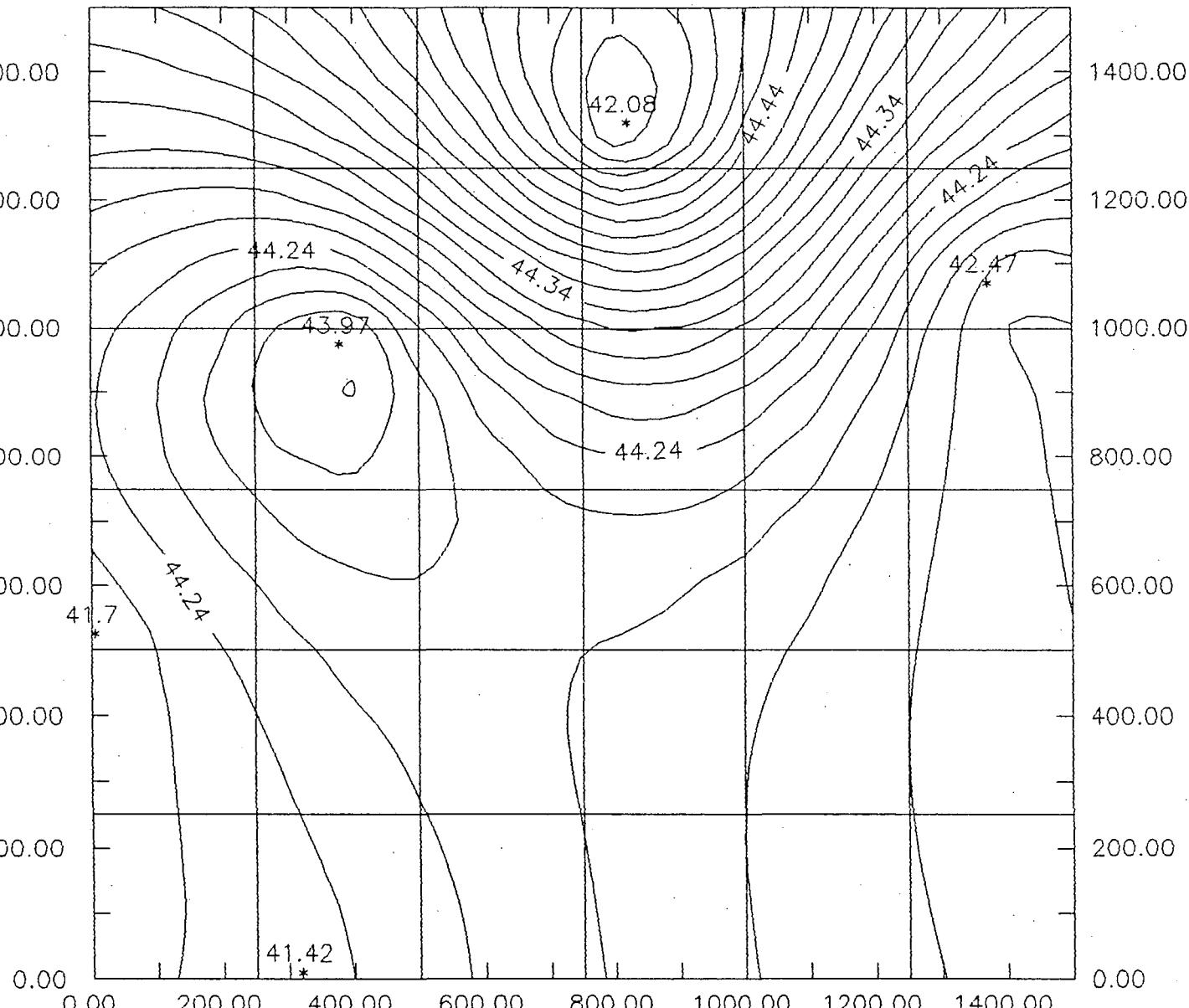
GROUNDWATER ELEVATIONS — JAN 8, 1991



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – APR 2, 1991

0.00 200.00 400.00 600.00 800.00 1000.00 1200.00 1400.00

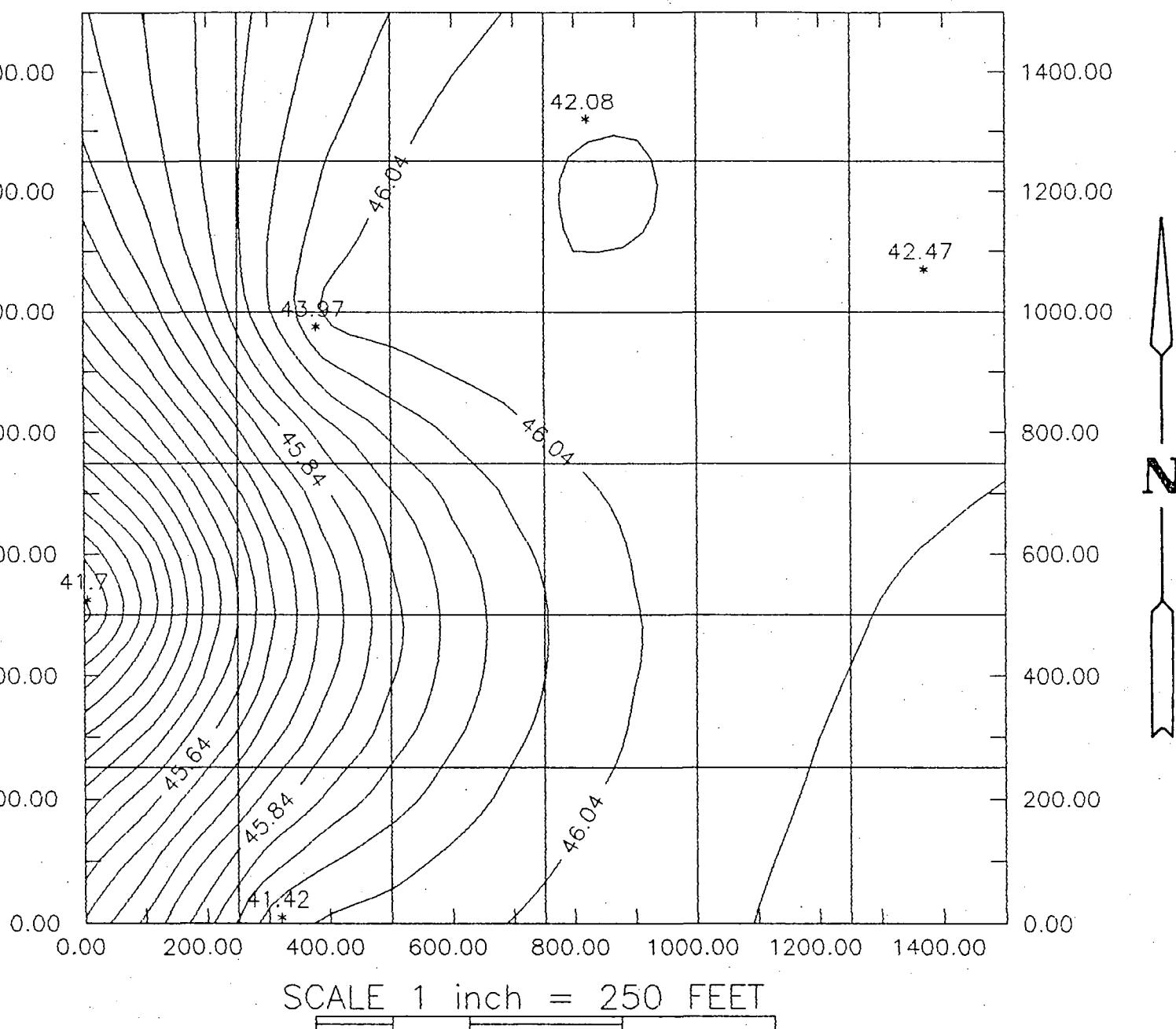


SCALE 1 inch = 250 FEET

SUMTER CO. SOLID WASTE MANAGEMENT FAC.

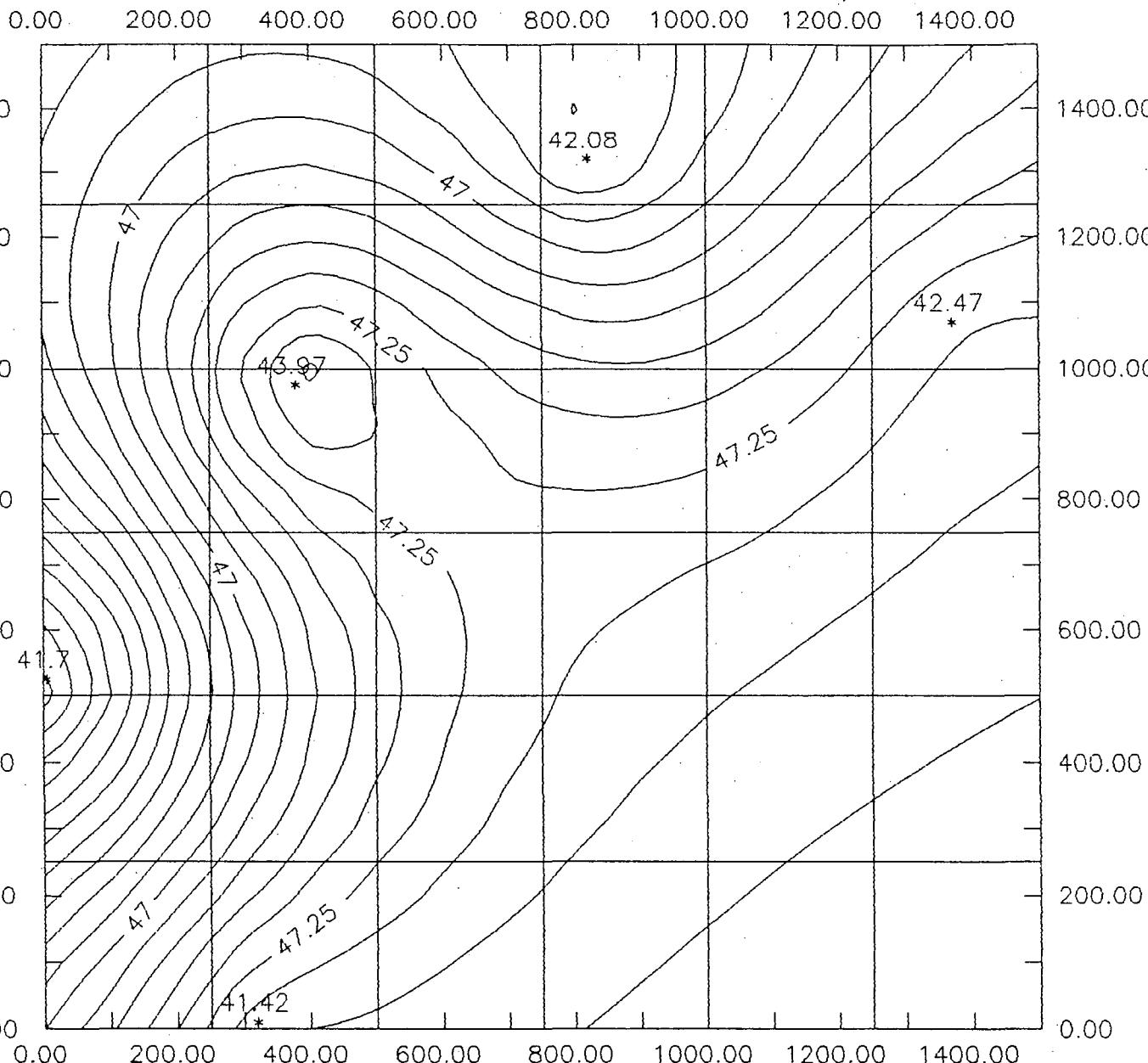
GROUNDWATER ELEVATIONS – JUL 9, 1991

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SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – OCT 1, 1991

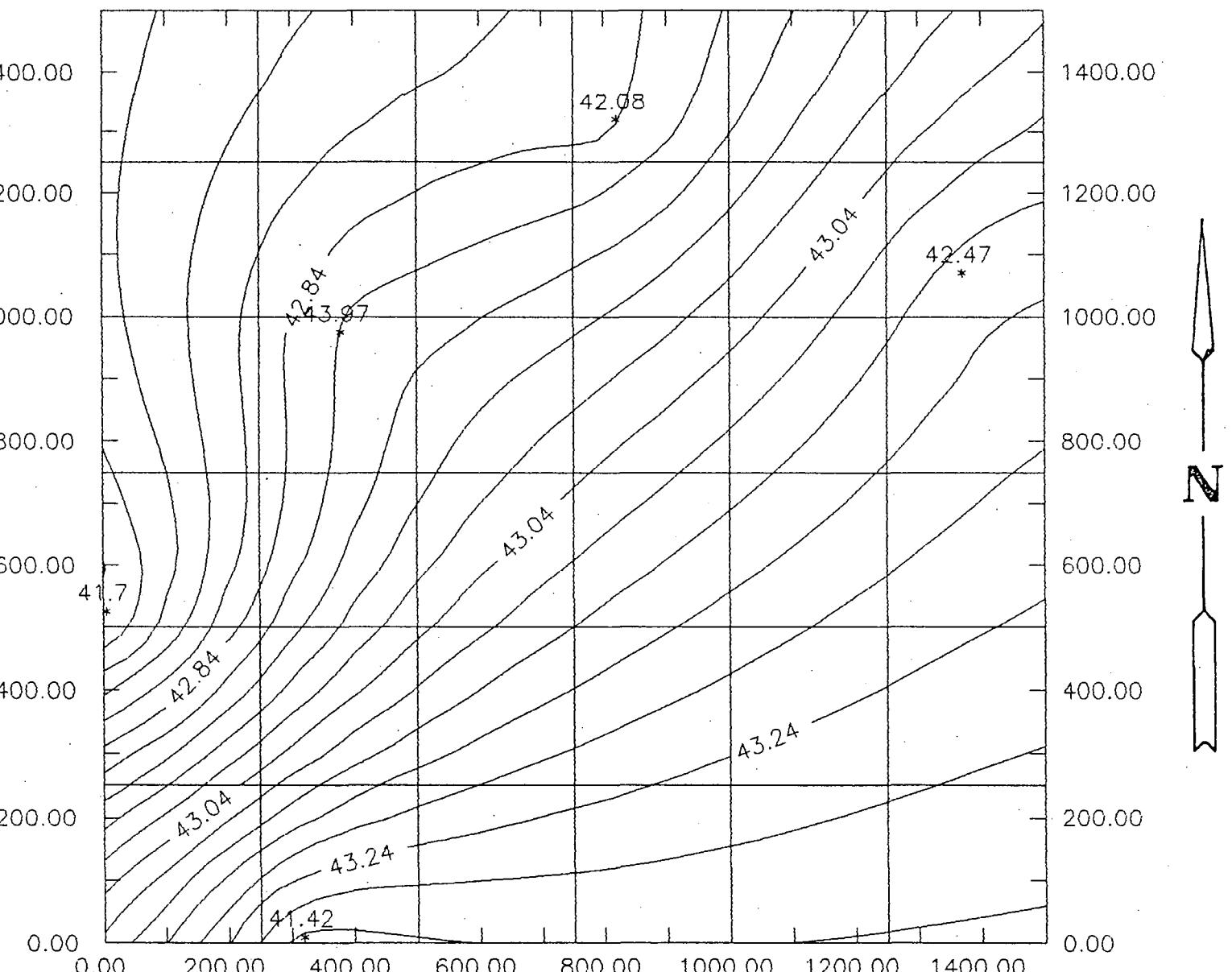


SCALE 1 inch = 250 FEET

SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – JAN 7, 1992

0.00 200.00 400.00 600.00 800.00 1000.00 1200.00 1400.00



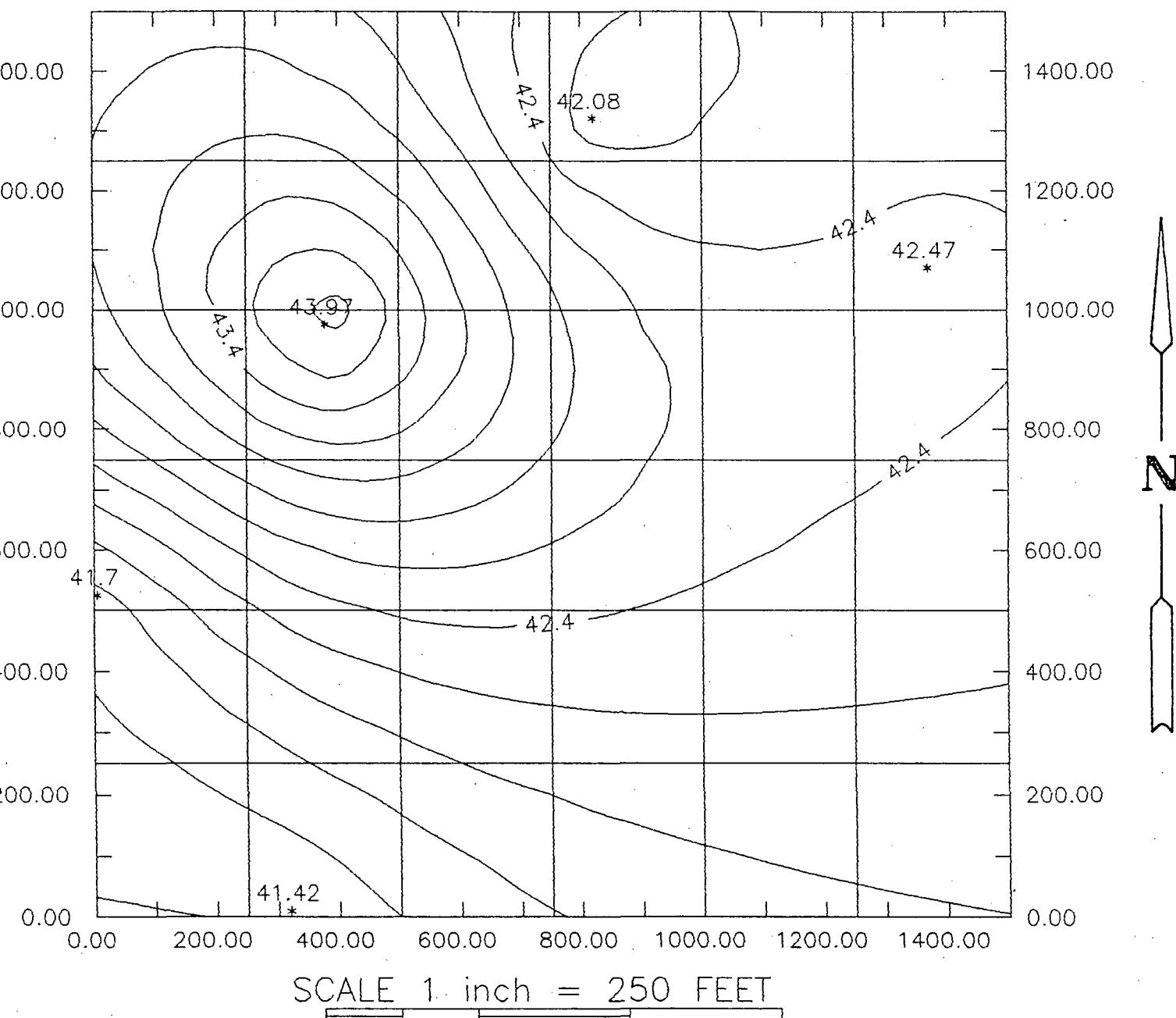
SCALE 1 inch = 250 FEET



SUMTER CO. SOLID WASTE MANAGEMENT FAC.

GROUNDWATER ELEVATIONS – APR 7, 1992

0.00 200.00 400.00 600.00 800.00 1000.00 1200.00 1400.00



**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
WT60-211205 - WASTE TIRE STORAGE
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX G
S.W.F.W.M.D.
POTENTIOMETRIC SURFACE MAP**

MAY 29, 1992

92-1100.00

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX H LAND USE MAP

MAY 29, 1992

92-1100.00

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX I S.W.F.W.M.D. WELL SURVEY

MAY 29, 1992

92-1100.00



Southwest Florida Water Management District

2379 Broad Street (U.S. 41 South) Brooksville, Florida 34609-6899
Phone (904) 796-7211 or 1-800-423-1476 SUNCOM 628-4150

May 19, 1992

RECEIVED
MAY 21 1992

SE/

Springstead Engineering Inc.
727 South 14th Street
Leesburg, Florida 34748

SUBJECT: Well Construction Permit Listing

Dear Mr. Dunaway:

We have received your request for a permit listing
for areas outlined in your letter dated May 15, 1992.

If I can be of any further assistance, please contact
this office.

Sincerely,

Joanne P. Pacini

Joanne P. Pacini
Office Specialist
Well Construction Permitting

JPP:jp

Excellence
Through
Quality
Service

WCR050-01
21:30:06

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

WELL CONSTRUCTION PERMITTING

WELL PERMITS ISSUED REPORT

05-18-92
PAGE 1

BANNER PAGE

SELECTED PARAMETER DATA

PERMIT ISSUE DATE: 01/01/70 THRU 05/18/92

SECTION: 21 THRU 23 TOWNSHIP: 20 RANGE: 22

COUNTY: NONE SELECTED

HRLB01U

WCR050-01
21:30:06

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

05-13-92
PAGE 2

WELL PERMITS ISSUED REPORT

COUNTY: SUMTER			ISSUE DATE RANGE: 01/01/70 THRU 05/18/92							
WELL NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD	DESCRIPTION	CONTRACTOR ID	PRIMARY TELESCOPE DEPTH	LINER FROM TO	WELL TO DEPTH
329048.01	094912	G ALTMAN NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -	12.00	21-20-22	IRRIGATION		999998	55		147
348519.01	011486	ZACHARY, GARY PO BOX 413 BUSHNELL, FL PHONE: (904) 793-2823 ZIP:33513-	4.00	21-20-22	IRRIGATION		001544			
377580.01	010208	WILBUR MESSER 1510 TANKERSLEY ROAD BROOKSVILLE, FL PHONE: (000) 000-0000 ZIP:33512-	4.00	21-20-22	DOMESTIC		002120	84		94
399567.01	009006	GUY ZACKERY ROUTE 3, BOX 241 BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	8.00	21-20-22	IRRIGATION		002206	116		310
414217.01	009006	GUY ZACKERY ROUTE 3, BOX 241 BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	12.00	21-20-22	IRRIGATION		001969	82		270
321830.01	087700	A CORBIN NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -	6.00	22-20-22	IRRIGATION		999998	40		160
321831.01	087701	A CORBIN NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -	6.00	22-20-22	IRRIGATION		999998	40		100
325140.01	091005	J E WARREN NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -	4.00	22-20-22	PUBLIC SUPPLY		001626	122		220
373036.01	008593	GUY MADDOX ROUTE 1, BOX 340 BUSHNELL, FL PHONE: (904) 793-3684 ZIP:33513-	6.00	22-20-22	IRRIGATION		001034	42		155
378804.01	011116	GUY MADDOX RT 1, BOX 340 BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	4.00	22-20-22	IRRIGATION		001034			

WCR050-01
21:30:06

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

05-18-92
PAGE 3

WELL PERMITS ISSUED REPORT

COUNTY: SUMTER		ISSUE DATE RANGE: 01/01/70 THRU 05/18/92									
WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD	DESCRIPTION	CONTRACTOR ID	PRIMARY DEPTH	TELESCOPE FROM	LINER TO	WELL DEPTH
344607.01	110121	CONLEY, WM NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP:	2.00	23-20-22	DOMESTIC		999999				
362769.01	136461	ALLSTATE HOMES POST OFFICE BOX 280158 TAMPA, FL PHONE:(000) 000-0000 ZIP:33682-0158	4.00	23-20-22	DOMESTIC		001150	42			75
371578.01	008450	LEWIS SWEETAPPLE P.O. BOX 57 SUMTERVILLE, FL PHONE:(904) 793-7034 ZIP:33585-	6.00	23-20-22	IRRIGATION		001116	66			102
371661.01	029890	CHESSER, C. NORMAN 202 SEITZ RD SCHWANKSVILLE, PA PHONE:(000) 000-0000 ZIP:19473-	4.00	23-20-22	DOMESTIC		001116	84			102
373133.01	030051	HORNECKER, THOMAS PO BOX 292 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:33585-	2.00	23-20-22	DOMESTIC		002161	59			82
375800.01	032611	HATFCRD, LARANE K. PO BOX 156 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:33585-	4.00	23-20-22	DOMESTIC		002034	30			50
377691.01	007604	GEORGE ALTMAN P.O. BOX 68 WEBSTER, FL PHONE:(904) 793-3869 ZIP:33597-	12.00	23-20-22	IRRIGATION		001034	80			382
409251.01	057183	MAXSON, DOANLD A LOT 21 FOREST HILLS DRIVE SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:34267-	2.00	23-20-22	DOMESTIC		002034	80			100
412311.01	059068	CHEVALIER, ROBERT M PO 3CX 248 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:34267-	2.00	23-20-22	DOMESTIC		002034	42			85
420278.01	063317	ANDRCW, RAYMOND BOX 174 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:34267-	4.00	23-20-22	DOMESTIC		002835	63			105

HCR050-01
21:30:06

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

05-18-92
PAGE 4

WELL PERMITS ISSUED REPORT

1	COUNTY: SUMTER	2	ISSUE DATE RANGE: 01/01/70 THRU 05/18/92	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45											
2	WCP NUMBER	3	OWNER ID	4	OWNER INFORMATION	5	WELL DIAMETER	6	LOCATION S-T-R	7	USE CD	8	DESCRIPTION	9	CONTRACTOR ID	10	PRIMARY TELESCOPE ID	11	DEPTH FROM	12	TO	13	LINER FROM	14	TO	15	WELL DEPTH	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
427958.01	066340	PATRICK, JOHN W	2.00	23-20-22	DOMESTIC	002034	65	90																																																	
ROUTE 1 JAMWEY ROAD	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP:33585-																																																							
465980.01	121145	SUMTER CO BOARD COUNTY COMM	4.00	23-20-22	IRRIGATION	002835	63	90																																																	
222 E MCCOLLAM AVENUE	BUSHNELL, FL	PHONE: (000) 000-C000 ZIP:33513-																																																							
479971.01	139839	BENNETT, CAROL	2.00	23-20-22	DOMESTIC	002154	45	100																																																	
P O BOX 171	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP:33585-																																																							
482509.01	141327	SALMINEN, OTTO	2.00	23-20-22	DOMESTIC	009064	42	55																																																	
LOT 6 HWY 301	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP:33585-																																																							
486336.01	143480	DECOSTE, JOHN	4.00	23-20-22	DOMESTIC	009053	70	100																																																	
5438	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP:34267-																																																							
487191.01	143875	TALLEY, KENNETH	4.00	23-20-22	DOMESTIC	007015	116	165																																																	
PO BOX 407	SUMTERVILLE, FL	PHONE: (000) C00-00C0 ZIP:33585-																																																							
491159.01	145886	ANDRE, ELIDE	4.00	23-20-22	DOMESTIC	007015	95	96																																																	
P O BOX 284	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP:33585-																																																							
504209.01	152751	ADAMS, L. NORMAN	4.00	23-20-22	DOMESTIC	007015	42	90																																																	
PO BOX 134	BUSHNELL, FL	PHONE: (000) 000-0000 ZIP:33513-																																																							
504961.01	153093	DUPONT, ARMAND	4.00	23-20-22	DOMESTIC	007015	36	47																																																	
5438	SUMTERVILLE, FL	PHONE: (000) 000-0000 ZIP: -																																																							
515530.01	164182	LORENE WATFORD	4.00	23-20-22	DOMESTIC	002835	61	120																																																	
SR 301	SUMTERVILLE, FL	PHONE: (000) C00-0000 ZIP: -																																																							

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

COUNTY: SUMTER

ISSUE DATE RANGE: 01/01/70 THRU 05/18/92

WCP OWNER OWNER WELL LOCATION CONTRACTOR PRIMARY TELESCOPE LINER WELL
NUMBER ID INFORMATION DIAMETER S-T-R USE CD DESCRIPTION ID DEPTH FROM TO FROM TO DEPTH

523266.01 171605 LISA ODOM 4.00 23-20-22 DOMESTIC 009021

1 JANWAY RD
BUSHNELL FL

BUSHNELL, FL
PHONE: (800) 999-

PHONE: (000) 000-0000 211-55515

WELL LOCATION
DIAMETER S-T-K

USE_CD_DESCRIPTION

CONTRACTOR PRIMARY TELESCOPE LINER WELL
ID DEPTH FROM TO FROM TO DEPTH

634400-91-006680 SCOTT MANN 6-20 23-20-33 DOMESTIC 002848

SCOTT MANN
P.O. BOX 135

~~1-800-USA-4333~~

PHONE: (904) 793-4043 ZIP: 33585-

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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SELECTED PARAMETER DATA

PERMIT ISSUE DATE: 01/01/70 THRU 05/18/92

SECTION: 14 THRU 16 TOWNSHIP: 20 RANGE: 22

COUNTY: NONE SELECTED

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

COUNTY: SUMTER			ISSUE DATE RANGE: 01/01/70 THRU 05/18/92							
WELL NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD	DESCRIPTION	CONTRACTOR ID	PRIMARY TELESCOPE	LINER	WELL DEPTH
311558.01	077436	L B MCLEOD NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	14-20-22	IRRIGATION		999998	98		170
328750.01	094614	DIXIE L & S NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	14-20-22	IRRIGATION		999998	44		140
337273.01	103104	NELSON, D NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	14-20-22	IRRIGATION		001172	117		212
340911.01	106673	HUNT, A NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	2.00	14-20-22	DOMESTIC		999998			
343200.01	108851	HISLER, E D NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	2.00	14-20-22	DOMESTIC		999998			
348569.01	011526	SAPORITO, CHAS E. PO BOX 942 LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	4.00	14-20-22	DOMESTIC		001116	42		60
398697.01	050313	MCLEOD, LUCAS B PO BOX 274 LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	10.00	14-20-22	IRRIGATION		001116			200
410723.01	009240	ARNOLD, MARK PO BOX 97 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:32785-	10.00	14-20-22	IRRIGATION		002835	75		250
471636.01	135267	WALKER, JO PO BOX 112 BUSHNELL, FL PHONE:(000) 000-0000 ZIP:33513-	2.00	14-20-22	DOMESTIC		002161	28		54
504215.01	152757	MOORE, JOHN PO BOX 81 SUMTERVILLE, FL PHONE:(000) 000-0000 ZIP:33585-	3.00	14-20-22	DOMESTIC		002835	51		74

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

COUNTY: SUMTER			ISSUE DATE RANGE: 01/01/70 THRU 05/18/92									
WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-B	USE CD	DESCRIPTION	CONTRACTOR ID	PRIMARY TELESCOPE	LINER	WELL DEPTH		
505804.01	138177	NORMAN PO BOX 134 BUSHNELL, FL PHONE: (000) 000-0000 ZIP: 33513-	ADAMS	4.00	14-20-22	DOMESTIC	007015	54			80	
514875.01	163636	CECIL PO BOX 117 SUMTERVILLE, FL PHONE: (000) 000-0000 ZIP: 33585-	BERRY	4.00	14-20-22	DOMESTIC	002835	105			150	
513702.01	163636	CECIL PO BOX 117 SUMTERVILLE, FL PHONE: (000) 000-0000 ZIP: 33585-	BERRY	4.00	14-20-22	DOMESTIC	002835	54			105	
310228.01	076107	G ALTMAN NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -		6.00	15-20-22	IRRIGATION	999998	75			175	
316953.01	082829	E CLARK NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -		3.00	15-20-22	DOMESTIC	999998	90			90	
322888.01	088757	DUTCH WOODA NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -		6.00	15-20-22	IRRIGATION	001116	25			100	
325934.01	091800	R H DAVIS NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -		3.00	15-20-22	DOMESTIC	001116	76			86	
336021.01	101856	MILLS, W NO ADDRESS NO CITY, FL PHONE: (000) 000-0000 ZIP: -		4.00	15-20-22	DOMESTIC	001340	84			130	
354470.01	016012	GILL, LOUIE J. RT 2 BOX 213 LITHIA, FL PHONE: (000) 000-0000 ZIP: 33547-		4.00	15-20-22	DOMESTIC	001160	63			190	
354573.01	016095	SLOAN CONSTRUCTION CO., INC. PO BOX 811 LK PANASOFFKEE, FL PHONE: (813) 793-2440 ZIP: 33538-		2.00	15-20-22	PUBLIC SUPPLY	001077	21			63	

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

1	COUNTY: SUMTER	ISSUE DATE RANGE: 01/01/70 THRU 05/18/92		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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45								
2	WCP	OWNER	OWNER	WELL	LOCATION	CONTRACTOR	PRIMARY	TELESCOPE	LINER	WELL	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45						
3	NUMBER	ID	INFORMATION	DIAMETER	S-T-R	USE CO.	DESCRIPTION	ID	DEPTH	FROM	TO	FROM	TO	DEPTH	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
4	362003.01	021681	REED, CHARLIE LEE PO BOX 657 DADE CITY, FL PHONE: (000) 000-0000 ZIP:33525-	4.00	15-20-22	DOMESTIC	001071	47							87																																								
5	384633.01	039906	BELTZ, RUSSELL C. PO BOX 1072 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	2.00	15-20-22	DOMESTIC	002206	38							48																																								
6	389956.01	043295	CHANDLER, VIRGIL RT 2 BOX 68 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	2.00	15-20-22	DOMESTIC	002034	50						75																																									
7	390340.01	160490	SOUTHWEST FL WTR MGT DISTRICT 2379 BROAD STREET BROOKSVILLE, FL PHONE: (904) 796-7211 ZIP:34609-6899	2.00	15-20-22	OBSERVATION OR MONIT	001979																																																
8	390341.01	160490	SOUTHWEST FL WTR MGT DISTRICT 2379 BROAD STREET BROOKSVILLE, FL PHONE: (904) 796-7211 ZIP:34609-6899	3.00	15-20-22	OBSERVATION OR MONIT	001979																																																
9	397607.01	049440	SIMON, JIMMIE P PO BOX 1613 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	15-20-22	DOMESTIC	001116	40						50																																									
10	402886.01	160490	SOUTHWEST FL WTR MGT DISTRICT 2379 BROAD STREET BROOKSVILLE, FL PHONE: (904) 796-7211 ZIP:34609-6899	3.00	15-20-22	OBSERVATION OR MONIT	001979	139						145																																									
11	402887.01	160490	SOUTHWEST FL WTR MGT DISTRICT 2379 BROAD STREET BROOKSVILLE, FL PHONE: (904) 796-7211 ZIP:34609-6899	2.00	15-20-22	OBSERVATION OR MONIT	001979	20						40																																									
12	407446.01	056042	SPRINGSTEAD & ASSOCIATES PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	2.00	15-20-22	OBSERVATION OR MONIT	001150	32						32																																									
13	407447.01	056042	SPRINGSTEAD & ASSOCIATES PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	2.00	15-20-22	OBSERVATION OR MONIT	001150	37						37																																									

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WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
COUNTY: SUMTER	WCP NUMBER	OWNER ID	OWNER INFORMATION	ISSUE DATE RANGE: 01/01/70 THRU 05/18/92	WELL DIAMETER	LOCATION S-T-R	USE CD	DESCRIPTION	CONTRACTOR ID	PRIMARY TELESCOPE ID	TELESCOPE DEPTH FROM	LINEAR LINER FROM	WELL DEPTH TO	WELL DEPTH TO																														
407448.01	056042	SPRINGSTEAD & ASSOCIATES	PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	2.00	15-20-22	OBSERVATION OR MONIT	001150				32			32																														
407449.01	056042	SPRINGSTEAD & ASSOCIATES	PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	2.00	15-20-22	OBSERVATION OR MONIT	001150				37			37																														
407450.01	056042	SPRINGSTEAD & ASSOCIATES	PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	2.00	15-20-22	OBSERVATION OR MONIT	001150				37			37																														
407451.01	056042	SPRINGSTEAD & ASSOCIATES	PO BOX 448 LEESBURG, FL PHONE: (000) 000-0000 ZIP:32749-	4.00	15-20-22	TEST WELL/PIEZOMETER	001150				149			175																														
430950.01	067633	DUGGAN, JEANNE O.	431 A LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	15-20-22	IRRIGATION	002835				42			53																														
448492.01	119746	MARSH, BARBARA	RT 1 BOX 80 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	15-20-22	DOMESTIC	002835				63			80																														
450271.01	121145	SUMTER CO BOARD COUNTY COMM	222 E MCCOLLAM AVENUE BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	4.00	15-20-22	INDUSTRIAL	002835				68			90																														
479592.01	121145	SUMTER CO BOARD COUNTY COMM	222 E MCCOLLAM AVENUE BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	2.00	15-20-22	PLUGGED OR ABANDONED	007039																																					
479593.01	121145	SUMTER CO BOARD COUNTY COMM	222 E MCCOLLAM AVENUE BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	2.00	15-20-22	OBSERVATION OR MONIT	007039				51			51																														
479594.01	121145	SUMTER CO BOARD COUNTY COMM	222 E MCCOLLAM AVENUE BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	2.00	15-20-22	OBSERVATION OR MONIT	007039				53			53																														

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

1	COUNTY: SUMTER	ISSUE DATE RANGE: 01/01/70 THRU 05/18/92				2			
2	WCP	OWNER	OWNER	WELL LOCATION	CONTRACTOR	PRIMARY TELESCOPE LINER WELL			
3	NUMBER	ID	INFORMATION	DIAMETER S-T-R	USE CD DESCRIPTION	ID DEPTH FROM TO FROM TO DEPTH			
4	496261.01	009995	GREAT SOUTHERN WOOD OF FLA INC.	4.00	15-20-22	PUBLIC SUPPLY	001150	79	149
5			P O BOX 759						
6			BUSHNELL, FL						
7			PHONE: (000) 000-0000 ZIP:33513-						
8	496262.01	009995	GREAT SOUTHERN WOOD OF FLA INC.	6.00	15-20-22	INDUSTRIAL	001150	89	295
9			P O BOX 759						
10			BUSHNELL, FL						
11			PHONE: (000) 000-0000 ZIP:33513-						
12	513891.01	006627	CAMP OIL COMPANY	4.00	15-20-22	PUBLIC SUPPLY	001150	93	230
13			P.O. BOX 2549						
14			ROME, GA						
15			PHONE: (000) 000-0000 ZIP:30164-2549						
16	516410.01	006627	CAMP OIL COMPANY	2.00	15-20-22	OBSERVATION OR MONIT	007077	2	19
17			P.O. BOX 2549						
18			ROME, GA						
19			PHONE: (000) 000-0000 ZIP:30164-2549						
20	516410.02	006627	CAMP OIL COMPANY	2.00	15-20-22	OBSERVATION OR MONIT	007077	2	18
21			P.O. BOX 2549						
22			ROME, GA						
23			PHONE: (000) 000-0000 ZIP:30164-2549						
24	519343.01	167710	CAMP OIL COMPANY, INC	2.00	15-20-22	OBSERVATION OR MONIT	009028	1	12
25			POST OFFICE BOX 2549						
26			ROME, GA						
27			PHONE: (000) 000-0000 ZIP:30164-						
28	519387.01	006627	CAMP OIL COMPANY	2.00	15-20-22	OBSERVATION OR MONIT	009028	22	34
29			P.O. BOX 2549						
30			ROME, GA						
31			PHONE: (000) 000-0000 ZIP:30164-2549						
32	519516.01	006627	CAMP OIL COMPANY	2.00	15-20-22	PLUGGED OR ABANDONED	009028		
33			P.O. BOX 2549						
34			ROME, GA						
35			PHONE: (000) 000-0000 ZIP:30164-2549						
36	332617.01	098456	B SWENDALL	3.00	16-20-22	DOMESTIC	001116	42	80
37			NO ADDRESS						
38			NO CITY, FL						
39			PHONE: (000) 000-0000 ZIP: -						
40	332618.01	098457	B SWINDALL	3.00	16-20-22	DOMESTIC	001116	42	90
41			NO ADDRESS						
42			NO CITY, FL						
43			PHONE: (000) 000-0000 ZIP: -						

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

COUNTY: SUMTER			ISSUE DATE RANGE: 01/01/70 THRU 05/18/92							
WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD	CONTRACTOR DESCRIPTION	PRIMARY ID	TELESCOPE DEPTH	LINER FROM TO	WELL TO DEPTH
332619.01	098458	B SWINDALL NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	3.00	16-20-22	DOMESTIC	001116	50			100
332620.01	098459	B SWINDALL NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	3.00	16-20-22	DOMESTIC	001116	42			80
332621.01	098460	B SWINDALL NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	3.00	16-20-22	DOMESTIC	001116	42			100
332731.01	098570	M ARNOLD NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	8.00	16-20-22	IRRIGATION	001366	68			175
335415.01	101251	LANCASTER M NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	12.00	16-20-22	IRRIGATION	001858	203			423
335416.01	101252	LANCASTER M NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	12.00	16-20-22	IRRIGATION	001858	42			100
342855.01	007811	ELSLIE B. WYSONG P.O. BOX 367 LAKE PANASOFFKEE, FL PHONE:(904) 793-4625 ZIP:33538-	6.00	16-20-22	IRRIGATION	001155	84			100
372498.01	029534	AVANT, WILLIE J. LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	4.00	16-20-22	IRRIGATION	001172				
372960.01	029915	AVANT, WILLIE COUNTY RD 489-A LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	4.00	16-20-22	IRRIGATION	002161				
383739.01	039221	FULLER, C. COUNTY RD 482 SOUTH LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	2.00	16-20-22	DOMESTIC	002034	55			105

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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SELECTED PARAMETER DATA

PERMIT ISSUE DATE: 01/01/70 THRU 05/18/92

SECTION: 9 THRU 11 TOWNSHIP: 20 RANGE: 22

COUNTY: NONE SELECTED

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
COUNTY: SUMTER	WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE	CD DESCRIPTION	CONTRACTOR ID	PRIMARY TELESCOPE TO DEPTH	LINEAR FROM TO DEPTH	WELL																																	
312195.01	078073	W K SANDERS	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	09-20-22	PUBLIC SUPPLY		999998	84		100																																	
325218.01	091084	M BURKETT	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	09-20-22	DOMESTIC		999998	40		63																																	
329749.01	095611	G SPENCE	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	09-20-22	DOMESTIC		001116	57		83																																	
331556.01	097410	ED SHABOO	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	3.00	09-20-22	DOMESTIC		001526	33		58																																	
334859.01	100696	DIXON C R	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	4.00	09-20-22	DOMESTIC		001116	47		51																																	
341507.01	107239	WYSONG, R	NO ADDRESS NO CITY, FL PHONE:(000) 000-0000 ZIP: -	6.00	09-20-22	IRRIGATION		001792																																				
355135.01	016512	CHUCK JOHNSON BUILDERS INC.	PO BOX 1049 LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33533-	2.00	09-20-22	DOMESTIC		001077	50		56																																	
365024.01	023952	HOOTEN JR., FREDDIE F.	PO BOX 57 LAKE PANASOFFKEE, FL PHONE:(000) 000-0000 ZIP:33538-	2.00	09-20-22	DOMESTIC		001172	32		65																																	
384631.01	039904	LEE, ROBERT V.	RT 2, BOX 428-A WEBSTER, FL PHONE:(000) 000-0000 ZIP:33597-	4.00	09-20-22	IRRIGATION		002206	75		148																																	
398605.01	050092	MOFFITT, DUANE	PO BOX 385 BUSHNELL, FL PHONE:(000) 000-0000 ZIP:33513-	4.00	09-20-22	DOMESTIC		002206	42		64																																	

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WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

1 COUNTY: SUMTER	2 WCP	3 OWNER ID	4 OWNER INFORMATION	5 WELL DIAMETER	6 LOCATION S-T-R	7 USE CD	8 DESCRIPTION	9 CONTRACTOR ID	10 PRIMARY TELESCOPE	11 LINER	12 WELL
13 DEPTH FROM	14 TO	15 FROM	16 TO	17 DEPTH							
401993.01	052329	BRANTLEY, G B	PO BOX 634 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	09-20-22	DOMESTIC		002206	49		63
408725.01	056870	LK PANASOFFKEE UN METHODIST CH	PO BOX 156 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	09-20-22	PUBLIC SUPPLY		002034	28		90
412693.01	056870	LK PANASOFFKEE UN METHODIST CH	PO BOX 156 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	09-20-22	IRRIGATION		002034	35		80
434368.01	069020	PAYLESS OIL	PO BOX 151529 TAMPA, FL PHONE: (000) 000-0000 ZIP:33684-1529	2.00	09-20-22	OBSERVATION OR MONIT	002858				
434369.01	069020	PAYLESS OIL	PO BOX 151529 TAMPA, FL PHONE: (000) 000-0000 ZIP:33684-1529	2.00	09-20-22	OBSERVATION OR MONIT	002858				
434370.01	069020	PAYLESS OIL	PO BOX 151529 TAMPA, FL PHONE: (000) 000-0000 ZIP:33684-1529	2.00	09-20-22	OBSERVATION OR MONIT	002858				
434371.01	069020	PAYLESS OIL	PO BOX 151529 TAMPA, FL PHONE: (000) 000-0000 ZIP:33684-1529	2.00	09-20-22	OBSERVATION OR MONIT	002858				
436494.01	008326	CITY OF BUSHNELL	P.O. BOX 115 BUSHNELL, FL PHONE: (904) 793-2591 ZIP:33513-	2.00	09-20-22	OBSERVATION OR MONIT	001704	2			9
436495.01	008326	CITY OF BUSHNELL	P.O. BOX 115 BUSHNELL, FL PHONE: (904) 793-2591 ZIP:33513-	2.00	09-20-22	OBSERVATION OR MONIT	001704	2			9
436496.01	008326	CITY OF BUSHNELL	P.O. BOX 115 BUSHNELL, FL PHONE: (904) 793-2591 ZIP:33513-	2.00	09-20-22	OBSERVATION OR MONIT	001704	2			9

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WELL CONSTRUCTION PERMITTING

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WELL PERMITS ISSUED REPORT

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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
COUNTY: SUMTER	WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD	CONTRACTOR ID	PRIMARY DESCRIPTION	TELESCOPE ID	LINER DEPTH FROM	TO	WELL	DEPTH FROM	TO	DEPTH																													
436497.01	008326	CITY OF BUSHNELL	P.O. BOX 115 BUSHNELL, FL PHONE: (904) 793-2591 ZIP:33513-	2.00	09-20-22	OBSERVATION OR MONIT	001704	2							9																													
465086.01	131831	DUNN, ABNER	410 JUMPER DR BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	2.00	09-20-22	DOMESTIC	002034	42							80																													
466060.01	132293	THOMAS, WILLIAM SR	LOT 44 & 45 PANASOFFKEE RETREAT LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	09-20-22	IRRIGATION	002849	35							45																													
501387.01	151322	BELL, HOWARD	LOT 24 CR 487 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	4.00	09-20-22	DOMESTIC	009064	60							68																													
502866.01	152050	HUSSON, A. CHRISTINE	RT 1 BOX 127 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	2.00	09-20-22	DOMESTIC	009064	30							35																													
519182.01	167445	JAMES MILLS	PO BOX 1006 LAKE PANASOFFKEE, FL PHONE: (904) 793-9390 ZIP:33538-	4.00	09-20-22	DOMESTIC	007015	42							52																													
425380.01	062060	NORRIS, ROBERT	PO BCX 187 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:32794-	2.00	10-20-22	DOMESTIC	002034	60							90																													
431320.01	067794	CALVERT, WILLIAM S.	RT 1, BOX 84 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:33538-	2.00	10-20-22	DOMESTIC	002206																																					
436337.01	062060	NORRIS, ROBERT	PO BCX 187 LAKE PANASOFFKEE, FL PHONE: (000) 000-0000 ZIP:32794-	4.00	10-20-22	DOMESTIC	002034	40							70																													
436752.01	064919	BOARD OF CTY COMMISSIONERS	PO BOX 210 BARTOW, FL PHONE: (000) 000-0000 ZIP:33830-	2.00	10-20-22	OBSERVATION OR MONIT	001704	6							13																													

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WELL PERMITS ISSUED REPORT

1 COUNTY: SUMTER	2 WCP	3 OWNER ID	4 OWNER INFORMATION	5 WELL DIAMETER	6 LOCATION S-T-R	7 USE CD	8 CONTRACTOR DESCRIPTION	9 PRIMARY ID	10 TELESCOPE DEPTH	11 LINER FROM	12 WELL FROM	13 WELL TO DEPTH
436753.01 064919	BOARD OF CTY COMMISSIONERS	2.00	PO BOX 210 BARTOW, FL PHONE: (000) 000-0000 ZIP:33830-	10-20-22	OBSERVATION OR MONIT	001704	6					13
436754.01 064919	BOARD OF CTY COMMISSIONERS	2.00	PO BOX 210 BARTOW, FL PHONE: (000) 000-0000 ZIP:33830-	10-20-22	OBSERVATION OR MONIT	001704	2					9
436755.01 064919	BOARD OF CTY COMMISSIONERS	2.00	PO BOX 210 BARTOW, FL PHONE: (000) 000-0000 ZIP:33830-	10-20-22	OBSERVATION OR MONIT	001704	2					9
438872.01 114239	WEAVER, KEN	2.00	129 W NOBLE BUSHNELL, FL PHONE: (000) 000-0000 ZIP:33513-	10-20-22	DOMESTIC	002034	50					60
443303.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25
443304.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25
443305.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25
443306.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25
443307.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25
443308.01 114966	J & M PUMP	2.00	5125 RIO VISTA AVENUE TAMPA, FL PHONE: (000) 000-0000 ZIP:33614-	10-20-22	OBSERVATION OR MONIT	002858	25					25

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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	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
COUNTY: SUMTER	WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CO	CONTRACTOR ID	PRIMARY DESCRIPTION	TELESCOPE ID	LINER DEPTH FROM	WELL TO DEPTH FROM	WELL TO DEPTH																																
1	2	3	4	5	6	7	8	9	10	11	12	13																																
447215.01	057908	CIRCLE K CONVIENCE STORE	PO BOX 918 MANGO, FL PHONE: (000) 000-0000 ZIP:34262-	2.00	10-20-22	OBSERVATION OR MONIT	001704	5				13																																
447216.01	057908	CIRCLE K CONVIENCE STORE	PO BOX 918 MANGO, FL PHONE: (000) 000-0000 ZIP:34262-	2.00	10-20-22	OBSERVATION OR MONIT	001704	5				13																																
447217.01	057908	CIRCLE K CONVIENCE STORE	PO BOX 918 MANG, FL PHCNE! (000) 000-0000 ZIP:34262-	2.00	10-20-22	OBSERVATION OR MONIT	001704	5				13																																
447218.01	057908	CIRCLE K CONVIENCE STORE	PO BOX 918 MANG, FL PHONE! (000) 000-0000 ZIP:34262-	2.00	10-20-22	OBSERVATION OR MONIT	001704	5				13																																
350507.01	013045	WOODS, CHARLES	GEN DEL COLEMAN, FL PHONE: (000) 000-0000 ZIP:33521-	3.00	11-20-22	DOMESTIC	001116	84				90																																
498274.01	149570	CALLAWAY, LANCE	HWY 301 COLEMAN, FL PHONE: (000) 000-0000 ZIF: -	4.00	11-20-22	DOMESTIC	002835	63				120																																
45	46	47	48	49	50	51	52	53	54	55	56	57																																

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**

SO60-211179 - SOLID WASTE COMPOSTING

WT60-211205 - WASTE TIRE STORAGE

SO60-211182 - M.R.F.

SF60-211255 - LONG-TERM CARE

SC60-211181 - LEACHATE TREATMENT

PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX J
ANALYTICAL DATA TABLES**

MAY 29, 1992

92-1100.00

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CADMIUM ug/L MCL = 10ug/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0	0	0	0		
2	0	0	0.014	0		
3	0	0	0	0		
4	41	0	5	0		
5	0	2	3	0		
6	3	4	9	0		
7	24	13	27	3		
8	16	7	19	0	12	13
9	11	4	8	10	17	8
10	23	12	19	1	25	37
11	10	10	2	3	13	1
12	11	7	8	5	6	9
13	30	80	60	0		10
14	1	3	0	1	5	1
15	2	4	0	0	6	0
16	6.5	6.5	6.5	5.5	13.5	15.5
17	5	7	8	2	5	6
18	6	1	5	3	10	110
19	6.09	0	1.07	0	0	4.48

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CHEMICAL OXYGEN DEMAND (COD) mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0	0	0	0		
2	75	45	105	190		
3	55	20	120	20		
4	350	40	180	0		
5	0	0	0	10		
6	0	0	0	0		
7	0	0	0	20		
8	0	0	0	0	0	0
9	0	0	5	0	0	0
10	12	0	2	11	0	0
11	10	12	15	20	0	0
12	29	0	0	15	0	0
13	0	0	0	0		
14	10	0	1	2	0	0
15	0	0	0	0	1	0
16	0	2	0	1	0	1
17	14	25	12	16	10	0
18	0	0	0	0	0	0
19	0	0	0	0	0	0

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CHLORIDE mg/L MCL = 250 mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	5	5	8	9		
2	1.5	1.5	0.5	10		
3	151	229	215	133		
4	650	605	385	590		
5	408	153	170	163		
6	10	5	20	12.5		
7	22.5	30	27.5	32.5		
8	25.5	19.25	15.75	20.5	27.5	23
9	45	10	12	18	20	16
10	28	26	8	13	14	16
11	15	14	14	18	18	23
12	15	12	12	18	15	14
13	8	10	8	15		14
14	11	11	12	19	15	17
15	6	11	10	14	10	12
16	4	8	6	9	14	38
17	7	7	4	10	8	10
18	9.5	10	12.5	16	13	13.5
19	14	11.5	12	19	18	16.5

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

CHROMIUM ug/L MCL = 50ug/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0	0	0	0		
2	0.08	0.07	0.1	0.09		
3	110	40	360	110		
4	750	600	700	680		
5	70	50	50	50		
6	55	50	50	50		
7	400	500	520	480		
8	110	50	50	50	0	0
9	100	70	170	60	0	0
10	90	40	40	50	10	10
11	0.08	0.05	0.047	0.05	0.04	0.033
12	45	48	50	45	50	50
13	300	60	100	50		60
14	320	110	68	45	52	54
15	75	65	67	95	50	50
16	52	50	51	50	53	54
17	73	46	52	48	50	51
18	190	50	100	55	63	58
19	92	50	80	65	50	57

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

COLOR PTU MCL = 15 PTU

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1						
2	375	150	300	25		
3	425	100	350	50		
4	300	400	200	100		
5	325	125	75	25		
6	450	225	300	50		
7	100	200	50	50		
8	200	250	175	50	75	100
9	325	150	175	25	150	100
10	125	25	300	100	150	100
11	200	50	200	125	100	125
12	200	75	300	50	25	125
13	50	50	300	50		25
14	75	100	75	75	25	50
15	225	50	125	100	75	50
16	250	50	150	65	50	50
17	100	50	175	50	125	50
18	250	25	150	50	125	75
19	200	25	150	225	50	50

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

IRON mg/L MCL = 0.3 mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	3.41	1.61	7.85	16.8		
2	3	3	2.5	2.2		
3	0.42	2.25	0.44	6.5		
4	0.65	4.7	0.34	0.22		
5	0.18	0.29	0.03	0.1		
6	0.56	3	0.3	0.5		
7	0.44	1.19	0.18	0.78		
8	0.65	1	0.17	0.65	0.13	0.21
9	0.23	0.15	0.06	0.48	0.34	0.3
10	2.1	0.3	0.32	3.94	0.4	0.37
11	1.18	0.14	0.07	0.8	0.06	0.15
12	0.85	0.16	0.1	0.72	0.11	0.1
13	0.76	0.2	1.8	2.8		0.55
14	0.05	0.11	0.15	0.93	0.15	0.18
15	2	0.35	0.08	0.64	0.06	0.05
16	0.13	0.24	0.1	0.63	0.11	0.1
17	0.77	0.21	0.09	0.41	0.09	0.08
18	2.4	0.93	2.05	9.5	1.04	1.07
19	0.6	0.2	0.33	0.63	0.15	0.09

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

MANGANESE mg/L MCL = 0.05 mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0.321	0.379	0.267	0.616		
2	0.03	0.14	0.075	0.07		
3	0.25	0.13	0.13	0.18		
4	0.09	0.17	0.04	0.04		
5	0.18	0.09	0.03	0.06		
6	0.18	0.11	0.02	0.09		
7	0.13	0.11	0.03	0.04		
8	0.24	0.1	0.025	0.095	0.005	0.01
9	0.16	0.07	0.03	0.07	0.02	0.02
10	0.08	0.03	0.02	0.08	0.01	0.02
11	0.12	0.06	0.02	0.03	0	0
12	0.04	0.18	0.02	0.07	0	0
13	0.07	0.2	0.08	0.17		0.02
14	0.02	0.09	0.19	0.13	0.02	0.02
15	0.03	0.13	0.025	0.135	0.015	0
16	0.07	0.1	0.03	0.135	0.02	0
17	0.03	0.22	0.085	0.15	0.02	0.005
18	0.03	0.15	0.1	0.23	0.03	0.03
19	0.028	0.07	0.048	0.08	0.15	0

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

NITRATE mg/L MCL = 10 mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0.002	0.007	0.001	0		
2	6.2	0.68	0.78	0.5		
3	6.95	1.4	3.55	0.68		
4	13.5	0.9	0.28	0.16		
5	2.8	1.05	1.4	1		
6	22.5	28	8.1	3.1		
7	1.22	0.37	0.43	0.29		
8	2.7	0.75	0.62	0.75	9.6	4.9
9	6.8	1.75	2.35	1.95	10.7	10.1
10	5.4	1.8	2.8	2.1	10.4	10.2
11	0.82	2.5	0.37	0.36	2.25	1.75
12	2.1	17	0.51	5.8	0.37	3.4
13	5.4	16	1.4	1.15		5.4
14	2.2	3.4	0.9	0.5	4.9	4.9
15	2.4	3.8	0.4	0.4	3.1	0.4
16	2.6	0.5	1.4	1	1.1	2
17	4.4	0.6	0.6	0.2	5.8	5
18	3.4	0.4	0.8	8.1	6.7	0.5
19	2.6	3.8	0.8	0.8	4.9	4.9

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

PERIOD	pH	pH UNITS	Minimum pH 6.6 @ collection point	MW1	MW2	MW4	MW5	MW6A	MW7
1	6.75	7.15	6.18	6.75					
2	9.97	8.52	8.1	10.8					
3	8.04	6.55	7.49	7.89					
4	7.5	6.5	7.2	6.8					
5	6.7	6.4	6.8	6.6					
6	8.1	7	7.7	7.7					
7	7.5	6.5	7	7.9					
8	7.7	6.9	7	8.1	7.2			7	
9	7.3	6.6	7.13	7.6	7.3			6.83	
10	7.23	6.12	6.94	6.88	6.93			6.64	
11	6.25	5.3	5.8	6.79	6.13			6.07	
12	7.5	7.27	7.47	6.05	7			6.59	
13	7.85	6.9	7.14	7.15				7.58	
14	8.1	7	7.15	7.24	7.2			7.43	
15	6.8	6.45	6.75	7.8	6.65			6.45	
16	6.15	6.15	6.7	6.8	6.65			6.45	
17	7.02	7.12	6.62	6.9	7.32			7.57	
18	7.82	6.54	7.26	7.98	7.94			7.82	
19	7.99	6.77	7.81	8.05	8.22			7.75	

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SODIUM mg/L MCL = 160mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	.2	4.7	7	4.7		
2	9.5	3.1	5.5	2.2		
3	105	14	11	10		
4	70	22	16	10.04		
5	19	2.4	3.7	5		
6	2.85	2.05	6	6.4		
7	3.8	3.5	5.4	6.8		
8	4.6	1.6	3.5	4.5	3.5	3.5
9	5	3.4	5.9	9.5	4.5	4.2
10	3.7	1.85	2.7	4.9	2.1	2.75
11	2.9	2.6	3.2	5.05	2.9	2.7
12	1.03	1.78	1.58	3.3	1.8	1.6
13	4.15	6.05	3.15	6.2		2.7
14	.2	5.8	2.8	5.7	2.9	3.2
15	2.45	8.6	2.75	5.6	2.9	3.15
16	3.7	11.3	4.3	6.6	3.5	3.4
17	2.5	5.9	2.6	5.2	2.8	3.2
18	2.25	.5	3.2	5.1	2.65	3.3
19	1.75	4.18	3.47	4.7	2.65	3.15

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SPECIFIC CONDUCTANCE umhos

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	0.0221	0.0641	0.049	0.0513		
2	102	486	291	202		
3	110	672	412	266		
4	97	644	360	325		
5	94	363	256	267		
6	89	439	240	230		
7	102	568	298	288		
8	121	636	404	300	194	194
9	136	580	319	307	247	197
10	115	608	335	285	240	204
11	107	636	363	296	186	218
12	110	432	262	239	195	173
13	130	320	326	289		217
14	69	256	145	193	213	78
15	118	615	398	265	300	247
16	59	263	272	150	212	150
17	87	426	400	184	245	165
18	88	374	307	143	168	203
19	100	213	361	156	184	243

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

SULFATE mg/l MCL = 250 mg/L

IOP	MW1	MW2	MW4	MW5	MW6A	MW7
	1	0	1	22		
	32	8	6	24		
3	13	1	0	110		
	10	0	11	100		
	3	13	5	91		
6	2	9	3	90		
7	5	1	1	65		
	2	1	4	47	1	0
9	0	0	2	24	0	3
10	7	2	1	15	1	1
	3	1	1	18	2	1
	0	4	2	1	0	0
13	9	11	2	0		0
14	24	29	0	8	3	0
15	0	20	0	7	0	0
16	5	13	0	6	0	0
17	8	18	1	1	0	0
18	0	12.5	13	8	0	0
19	0	14	0	13	0	0

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TOTAL DISSOLVED SOLIDS mg/L MCL = 500 mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1						
2	0.82	1.13	0.45	0.32		
3	740	392	464	288		
4	568	712	260	292		
5	204	272	400	324		
6	428	336	352	276		
7	312	468	288	232		
8	228	304	176	324	156	112
9	140	280	168	320	172	96
10	180	180	172	332	152	116
11	552	280	136	280	124	96
12	264	292	176	284	176	132
13	232	264	168	236		108
14	364	360	212	282	148	120
15	320	436	296	248	152	136
16	104	304	328	220	128	164
17	452	284	212	248	148	128
18	164	236	192	284	120	140
19	148	168	216	328	152	168

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TEMPERATURE DEGREES CENTIGRADE

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1						
2						
3						
4						
5						
6						
7	19.5	19.4	20	21.9		
8	26.5	26	28.3	24.8	25.6	24.7
9	25.3	27.5	28.5	26.3	24.7	27.3
10	24.3	22.7	24.5	21.3	20.9	21.2
11	24.3	23.2	25.3	23.1	23.2	23.4
12	25.9	25.2	26.5	25.2	26.5	24.6
13	25.8	25.1	25.7	24.8		24
14	24.9	24.1	25.2	24.1	23.4	23.6
15	23.6	22	25.9	21.6	22.7	21.3
16	26.6	24.9	27.8	25.3	25	24.8
17	24.8	24.1	25	24.9	23.4	23.7
18	21.9	20.8	21.8	22.3	20.9	20.2
19	22.6	21.9	23.2	22.5	22.8	22.5

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TOTAL ORGANIC CARBON mg/L

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1						
2	14	8	0	3		
3	9	6	3	3		
4	15	42	39	9		
5	16	73	28	8		
6	82	105	53	3		
7	33	100	40	19		
8	35.5	238	86.5	67	56	51.2
9	14	123	39.5	27	21.5	16.5
10	16	157	49	36	48	22
11	15	34	13	11	37	39
12	13	26	10	8	33	33
13	11	51	20	18		15
14	20	68	30	26	47	21
15	7	43	12	9	27	12
16	0	2	1	5	102	87
17	0	39	39	16	18	13
18	13	52	38	18	18	24
19	52.3	39.6	17.3	28.1	7.4	12.01

SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY
ANALYTICAL TEST RESULTS

TURBIDITY NTU MCL = 1 NTU

PERIOD	MW1	MW2	MW4	MW5	MW6A	MW7
1	29	450	59	57		
2	47	28	12	29		
3	7000	650	1800	36		
4	8300	750	5000	54		
5	710	360	940	22		
6	1600	900	1700	21		
7	3400	1500	2400	41		
8	2700	1200	2650	100	12000	4300
9	1600	150	1200	24	6300	1600
10	1400	31	520	38	700	1600
11	1800	41	430	270	1250	1400
12	2400	22	390	16	1900	1100
13	2600	140	1400	24		1700
14	2300	2600	70	55	1900	1000
15	550	17	220	92	1200	2200
16	270	34	140	41	2300	2700
17	660	170	180	5	570	350
18	750	22	430	19	770	520
19	2700	19	90	180	2700	900

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
SO60-211179 - SOLID WASTE COMPOSTING
WT60-211205 - WASTE TIRE STORAGE
SO60-211182 - M.R.F.
SF60-211255 - LONG-TERM CARE
SC60-211181 - LEACHATE TREATMENT
PREPARED FOR



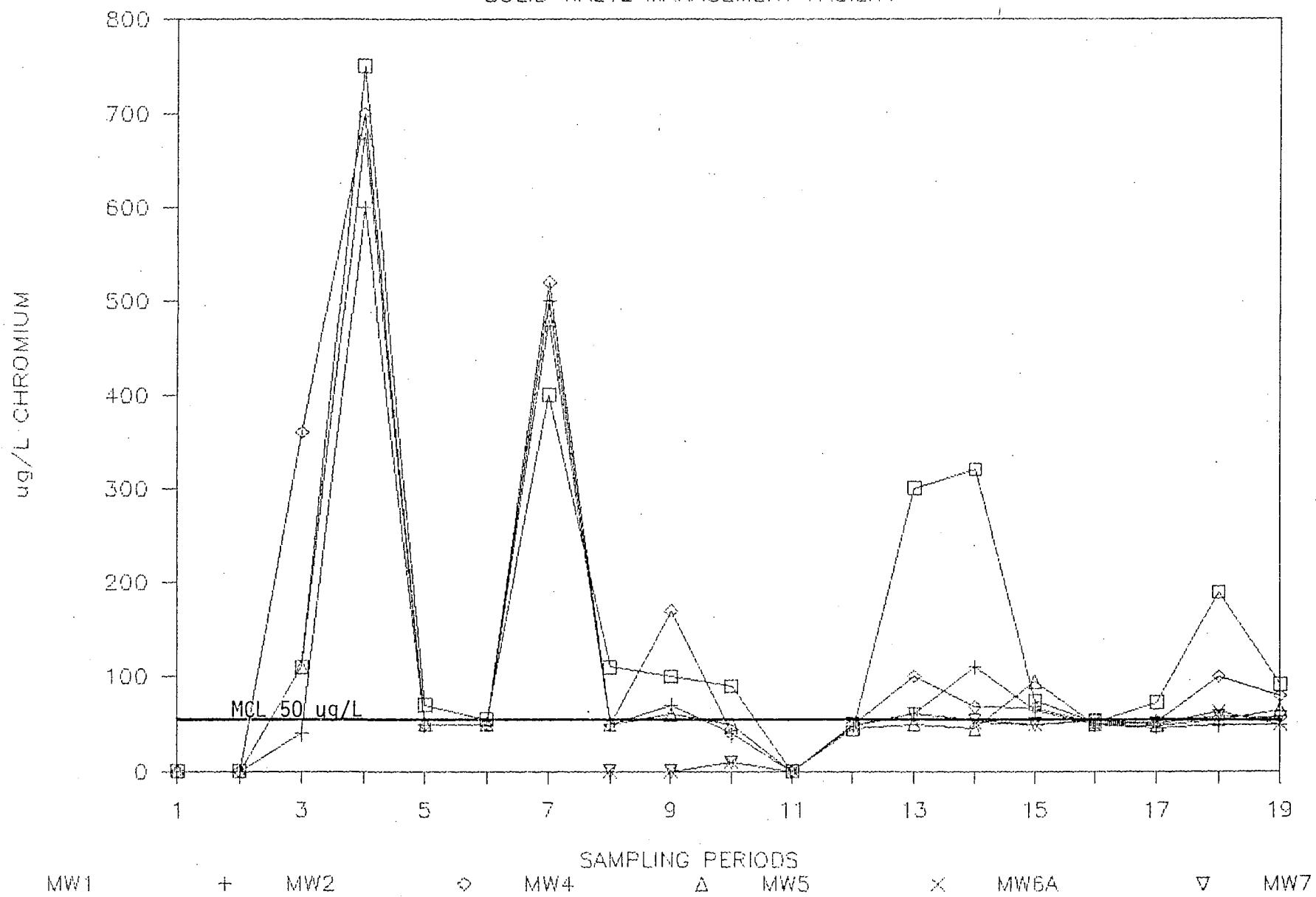
**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST MCCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX K ANALYTICAL DATA GRAPHS

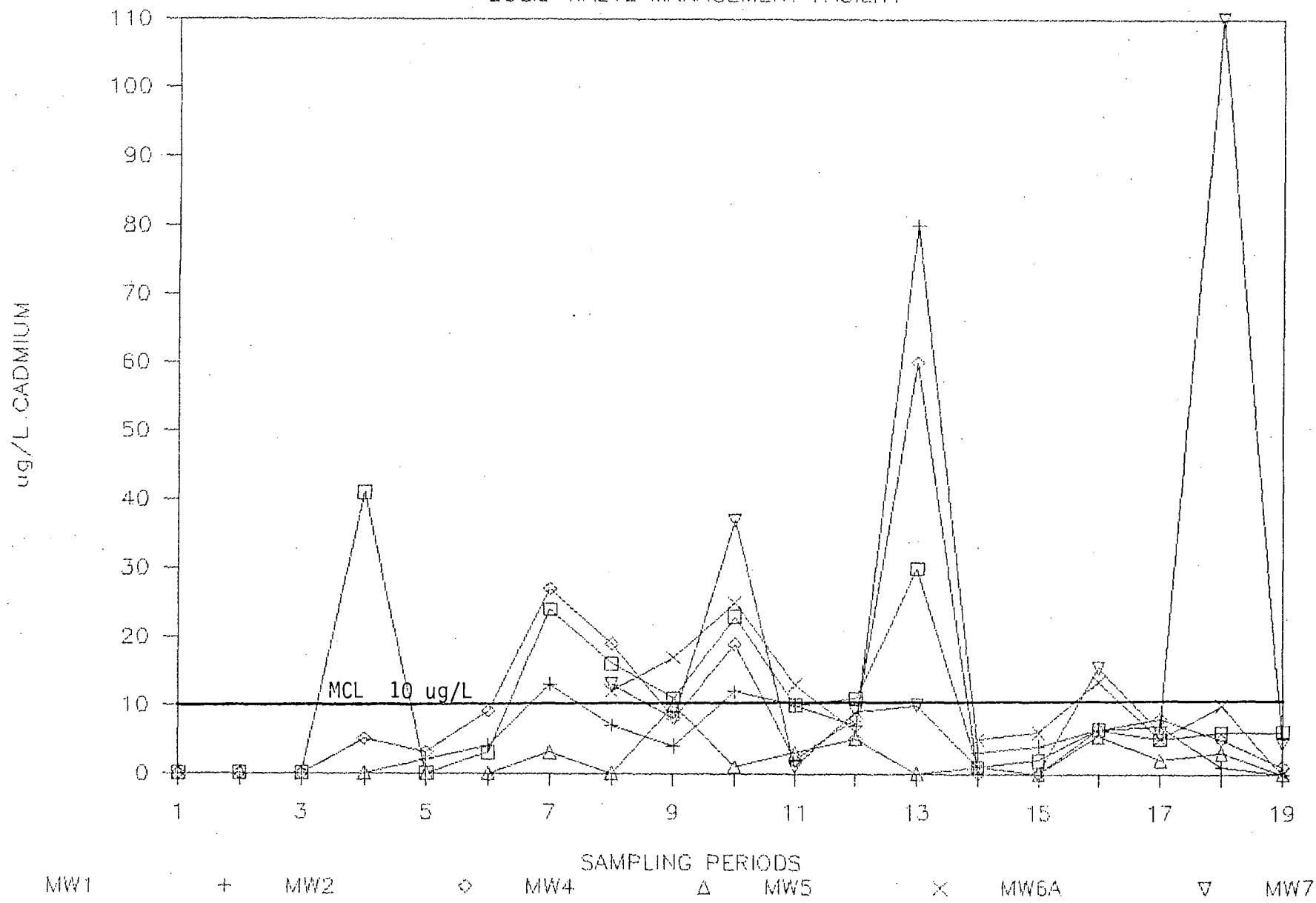
MAY 29, 1992

92-1100.00

SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY

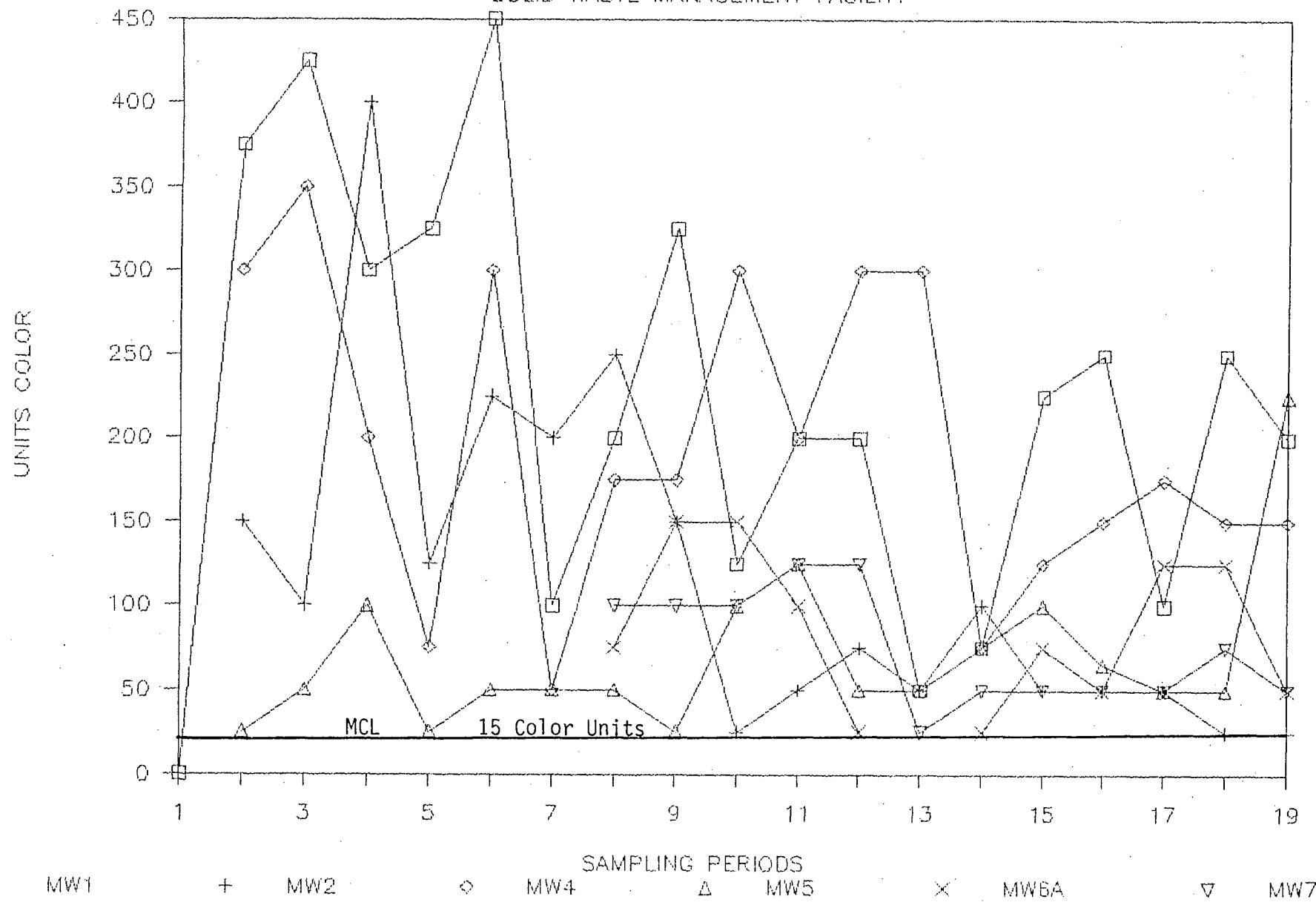


SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY

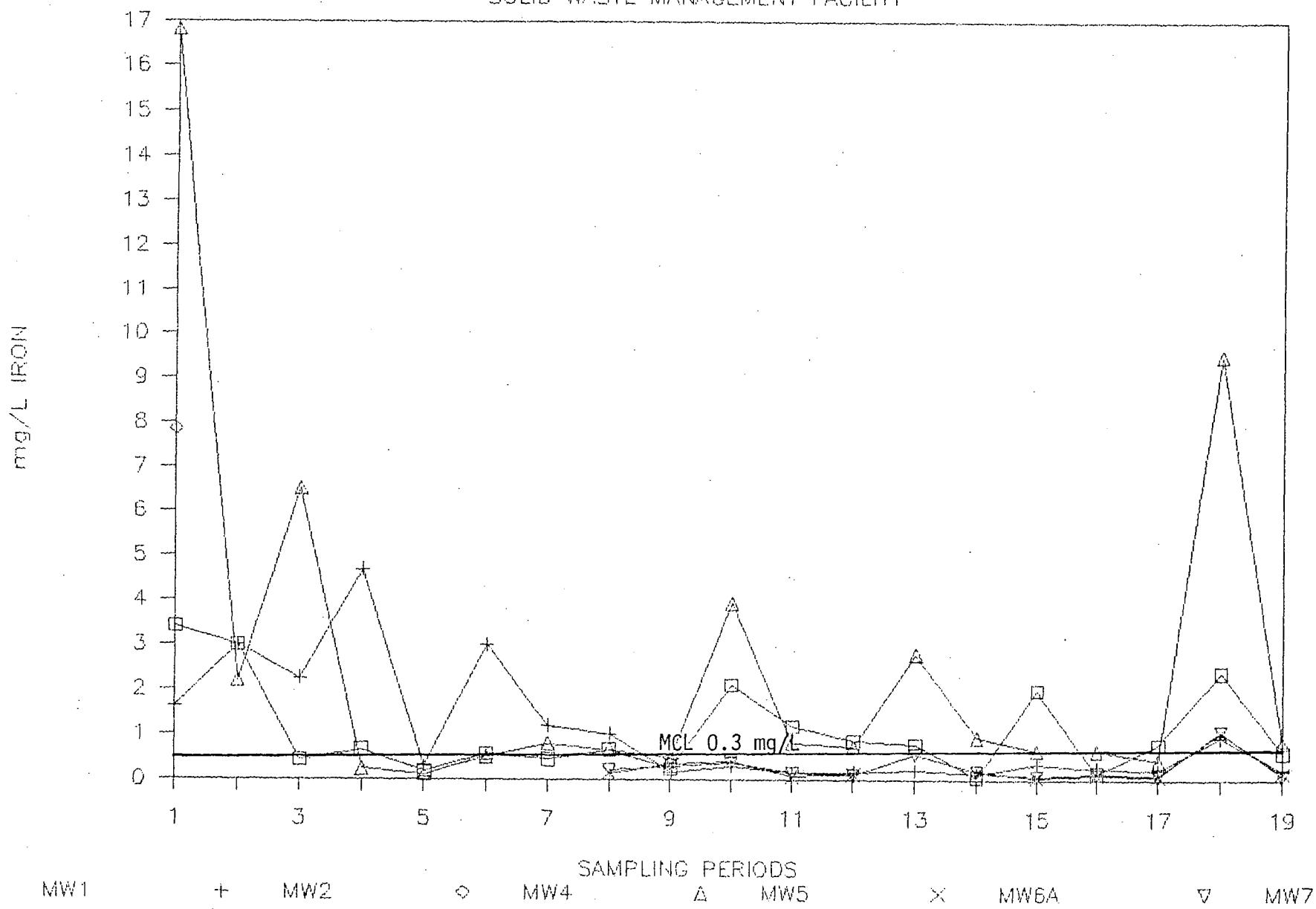


SUMTER COUNTY

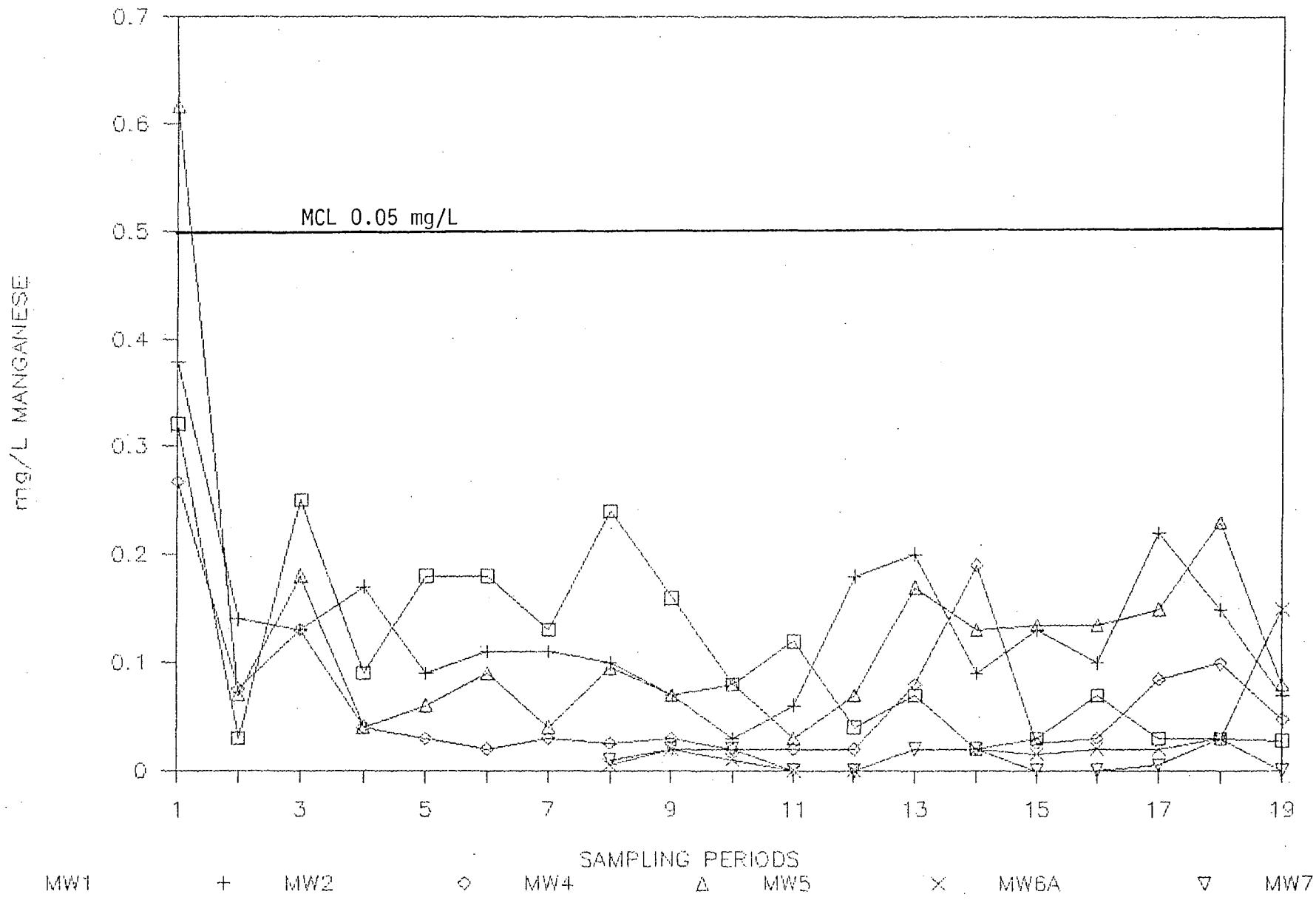
SOLID WASTE MANAGEMENT FACILITY



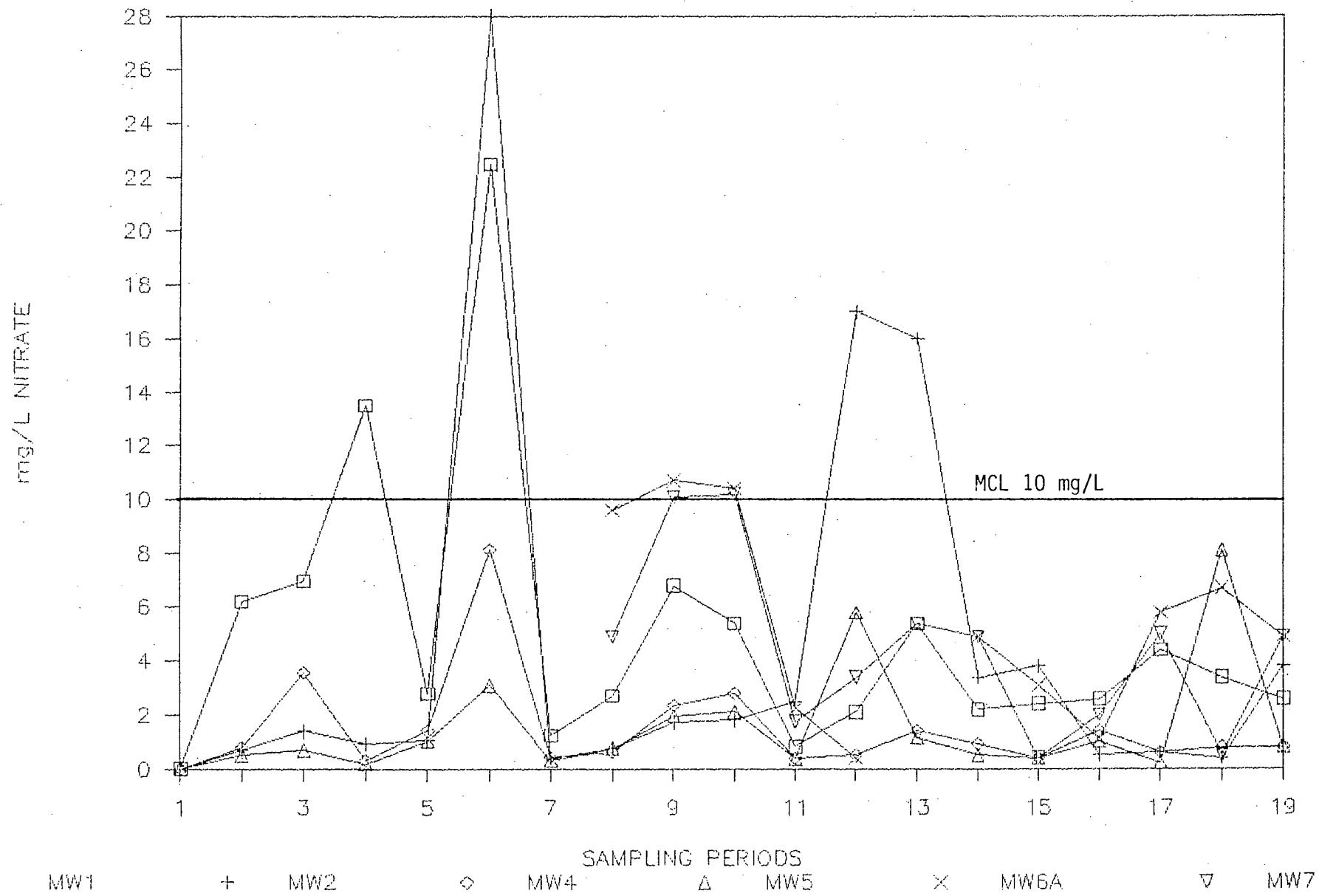
SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY



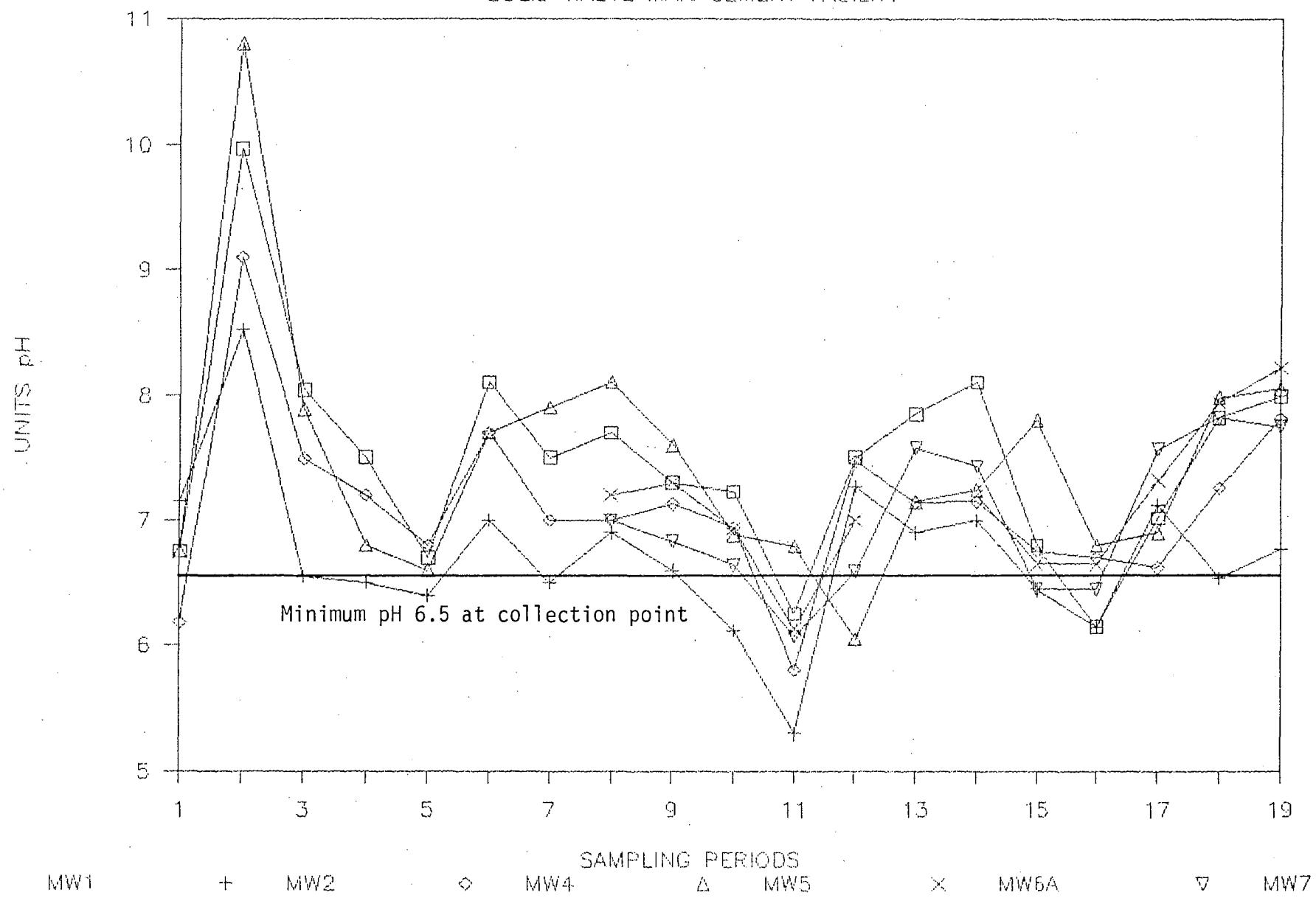
SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY



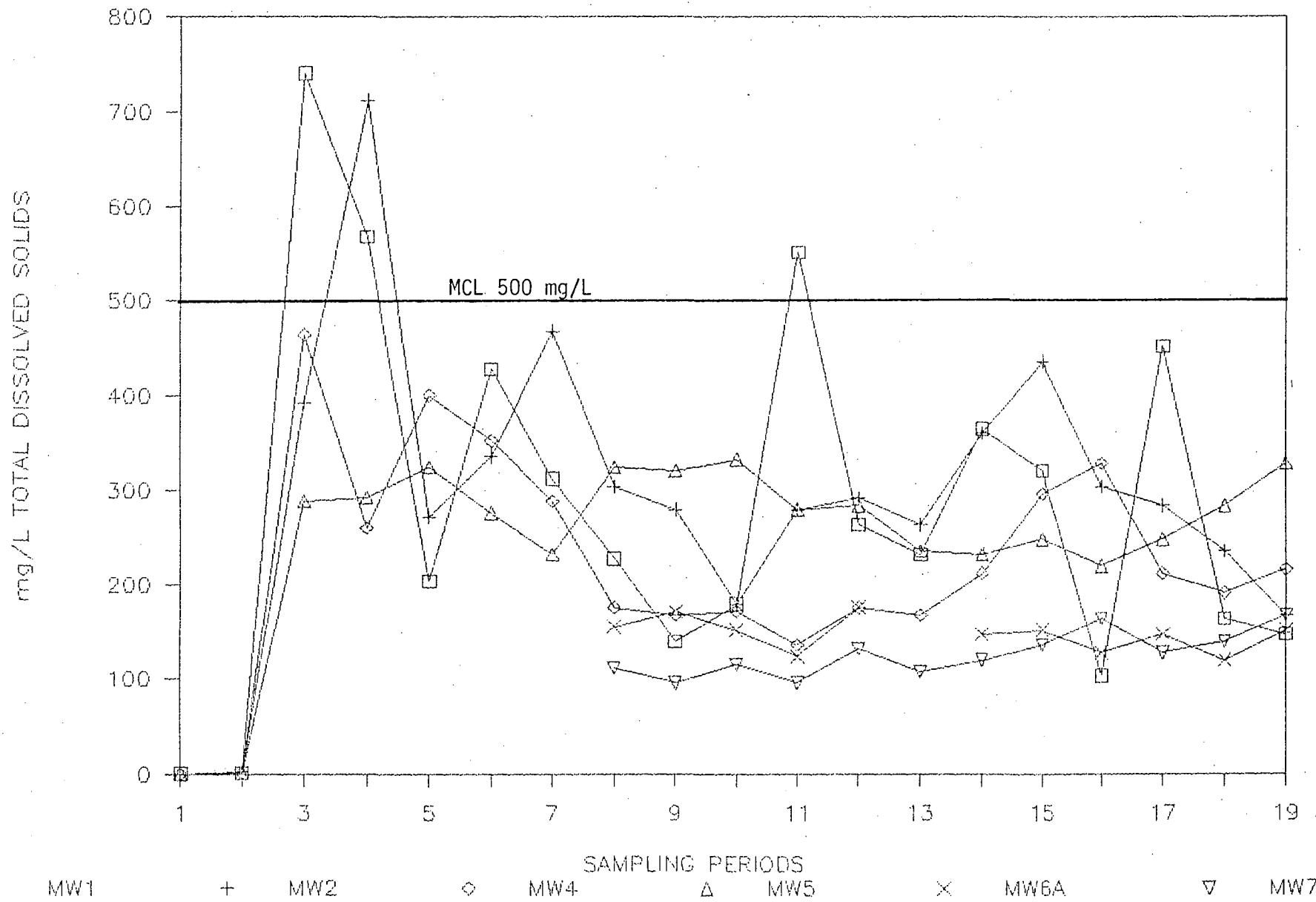
SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY



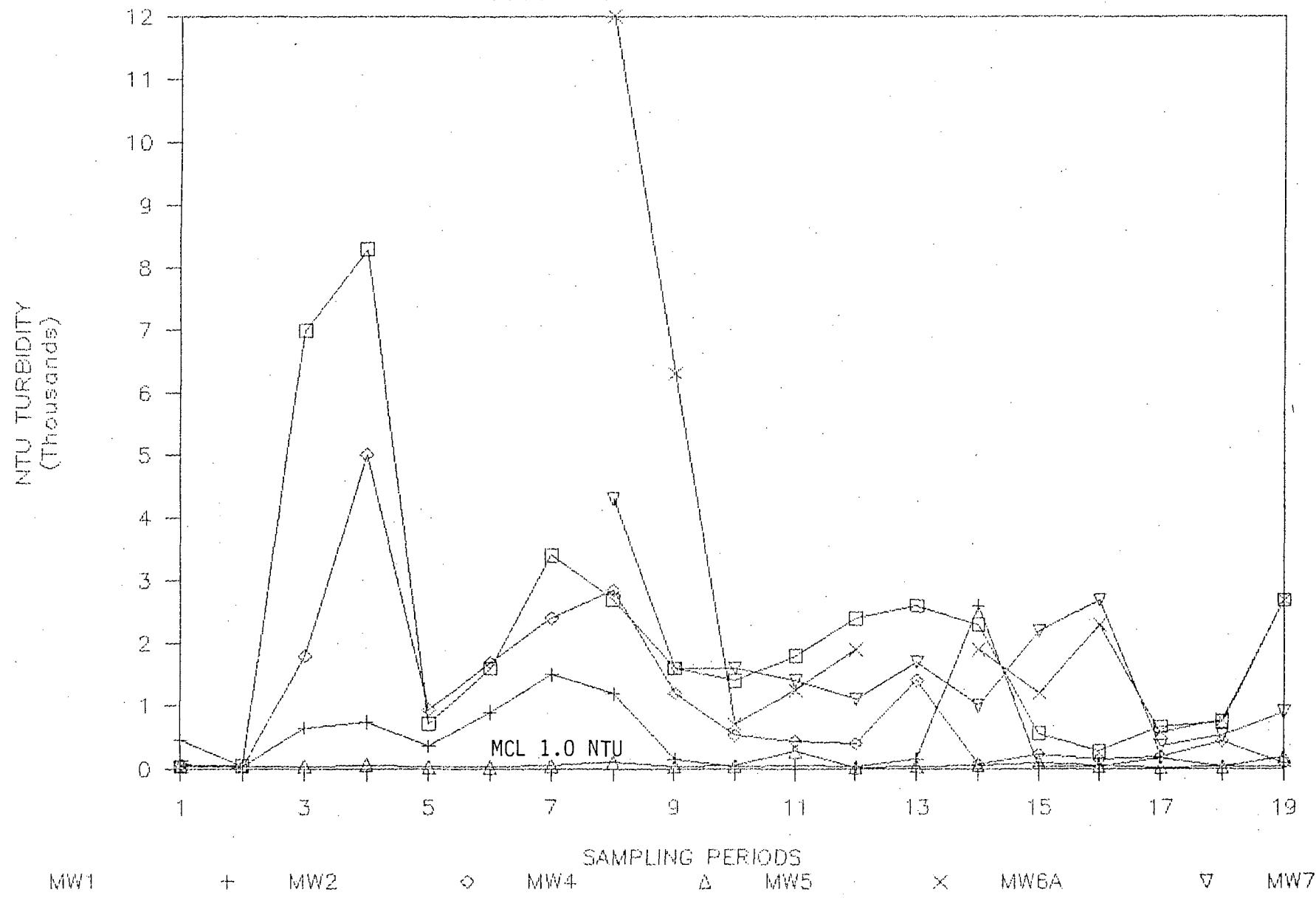
SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY



SUMTER COUNTY
SOLID WASTE MANAGEMENT FACILITY



SUMTER COUNTY
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**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX L FIRE SAFETY SURVEY

MAY 29, 1992

92-1100.00

A FIRE SAFETY SURVEY WAS REQUESTED AS PER THE LETTER DATED MARCH 25, 1992. THE SURVEY WAS CONDUCTED. THE REPORT IS PENDING AT THIS TIME AND SHALL BE FORWARDED TO YOU UPON RECEIPT.

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX M
SURVEYED CROSS-SECTIONS
EXISTING COMPOSTING PAD
CLOSED PORTIONS OF LANDFILL**

MAY 29, 1992

92-1100.00

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

**APPENDIX N
MAP SHOWING LOCATION OF
WASTE TIRE STORAGE AREA**

MAY 29, 1992

92-1100.00

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
SUMTER COUNTY SOLID WASTE MANAGEMENT FACILITY**
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PREPARED FOR



**BOARD OF COUNTY COMMISSIONERS
DEPARTMENT OF PUBLIC WORKS
222 EAST McCOLLUM AVENUE
BUSHNELL, FLORIDA 33513**

APPENDIX O WASTE TIRE INFORMATION

MAY 29, 1992

92-1100.00



SUMTER COUNTY DEPARTMENT OF PUBLIC WORKS
PHOTOCOPY OF FLORIDA WASTE TIRE DECAL NO. 1252



VIEW OF TRUCK DOOR. NOTE DECAL



VIEW OF TRUCK. NOTE DECAL

**SUMTER COUNTY DEPARTMENT OF PUBLIC WORKS
PHOTOGRAPHS**



Florida Department of Environmental Regulation

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

Carol M. Browner, Secretary

April 15, 1992

Sumter County Public Works
222 E. McCollum Avenue
Bushnell, FL 33513

RE: Waste Tire Collector Registration
CO ID # 1027

Dear Sirs:

Sumter County Public Works, has been registered with the Department of Environmental Regulation as a Waste Tire Collector. Enclosed are the decals requested in your Waste Tire Collector Registration application.

Waste Tire Collectors are subject to the following specific conditions:

1. The decal supplied by the Department shall be displayed on the outside of the drivers front door. Common carriers may display the decal on a removable panel.

2. Records shall be maintained for three years and will be available for inspection by Department personnel during normal business hours. The records will be summarized quarterly and will contain the following:

- a. Quantity of tires collected.
- b. Where and from whom tires were collected.
- c. Where the waste tires were deposited.
- d. Receipts or other written materials documenting the above.

3. A Waste Tire Collector Annual Report, DER Form 17-711.900(5) be submitted by March 1 of each year.

4. A Registration Renewal Application, DER Form 17-711.900(1) shall be submitted by March 1 of each year to renew this registration.

5. A Waste Tire Collector shall leave waste tires and processed tires for storage and disposal only in a permitted waste tire processing or collection facility, at a permitted solid waste management facility, or at another site approved by the Department.

6. Any person who fails to comply with these conditions is subject to having their Waste Tire Collector Registration revoked, as well as other penalties provided by law.

7. When a Waste Tire Collector Registration number expires or is revoked, the registration decals shall be removed from all vehicles immediately.

If you need further information, please call Frances Keith of this office, telephone 904-922-6104.

Sincerely,

Bill Parker, Engineer
Solid Waste Section

BP\fk

Enclosure

04/15/92

WASTE TIRE COLLECTOR DECALS

Listed below are the Waste Tire Collector Decals assigned to your vehicles. If you wish to change the vehicle assignment you must note the change on this form and return it to the Department of Environmental Regulation. Please keep your vehicle information current by notifying us of any changes. The decals expire April 1, 1993. Thank you.

1027 Sumter County Public Works

1993					
DECAL #	TAG	STATE	YEAR	MAKE	VIN
1252	87967	FL	85	Mack	1M2N188YZFA010958