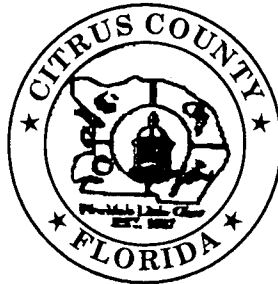


Groundwater Monitoring Plan 80-Acre Landfill Expansion Citrus County Central Landfill

Prepared for



Board of County Commissioners
Citrus County, Florida



Prepared by

HYDRO 

April 1995

GROUNDWATER MONITORING PLAN
FOR THE
80-ACRE LANDFILL EXPANSION
CITRUS COUNTY CENTRAL LANDFILL

D.E.P.

JUL - 3 1995
SOUTHWEST DISTRICT
TAMPA

prepared for
CITRUS COUNTY
BOARD OF COUNTY COMMISSIONERS

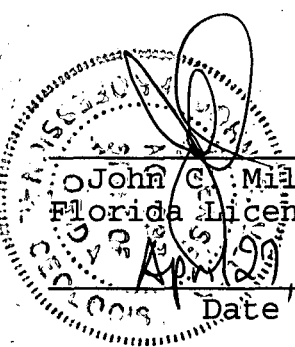
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HYDRO Q
P.O. Box 280157
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April, 1995

Project FH95004

Professional Geologist

I hereby state that I have reviewed the geological services required in preparation of this Groundwater Monitoring Plan for the 80-Acre Landfill Expansion of the Citrus County Central Landfill, and based upon my knowledge, information, and belief, this Plan is in accordance with commonly accepted procedures consistent with application standards of practice, and is not a guaranty or warranty, either expressed or implied.



John C. Miller, P.G.
Florida License No. PG 883

April 29, 1995
Date



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Memorandum

DATE: September 18, 1995
TO: Holders of Copies of Groundwater Monitoring Plan 80-Acre Landfill
Expansion Citrus County Central Landfill (April 1995)
CC: Susan R. Metcalfe, P.G./Citrus County Department of Solid Waste
FROM: John Miller
SUBJECT: Replacement (Revised) Pages to be Inserted in Original Plan

Attached find copies of replacement pages to be inserted into the revised groundwater monitoring plan for the Citrus County Central Landfill.

- Text to be inserted according to page number: 5, 7, 20, 23, 50, 66, 67, 70, 72, 73, 75, and 76
- Table 3 to replace present Table 3 following Figure 6.
- Figures 6 and 25 to replace present figures
- A memorandum from DEEP VENTURE to Susan Metcalfe to be inserted in Appendix C following Construction Details for Monitor Well MW-D.

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- B. Well Inventory
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1 . 0 I N T R O D U C T I O N

1.1 S I T E L O C A T I O N A N D D E S C R I P T I O N

1.1.1 L O C A T I O N

The Citrus County Central Landfill is located in the center of Citrus County, in Section 1, Township 19 South, Range 18 East, approximately three miles east of Lecanto, Florida (Figure 1). The property is bounded on the east, south and west by the Withlacoochee State forest, and on the north by State Road 44. The facility is comprised of a closed 60-acre site and 80 acres that are presently being used for landfilling or which include land for future landfill expansion.

1.1.2 T O P O G R A P H Y

The site lies within the Hernando Hammock physiographic subdivision, a part of the Ocala Uplift District (Brooks, 1981), which is characterized by erosional remnant hills and ridges infilled with thick, weathered deposits of sand and clayey sand. This same area is the northern portion of what White (1970) called the Brooksville Ridge, an extensive, internally drained, karst terrane with high local relief.

Natural surface drainage before site development was to the southwest. The land surface has been extensively modified by past landfilling operations in the western 60-acre tract, and by active landfilling in the 80-acre tract. Elevations range from approximately 100 feet to 135 feet (NGVD). Figure 2 is a site map showing the two areas of operation.

1.2 S I T E H I S T O R Y

1.2.1 W A S T E D I S P O S A L , C L O S E D / A C T I V E S I T E S

The first portion of the landfill, the 60-acre tract, was operated in part as an unlined landfill, closed with placement of a top cap consisting of a membrane covered by soil. A portion of the 60-acre site was constructed as a 7-acre lined cell with a leachate collection system.

Following closure of the 60-acre tract, the southern half of the 80-acre tract was used for landfilling. This site includes a membrane liner in the bottom and sides of the fill area, with a leachate collection system at the base of the fill. Present plans are to expand to the northern portion of the 80-acre tract.

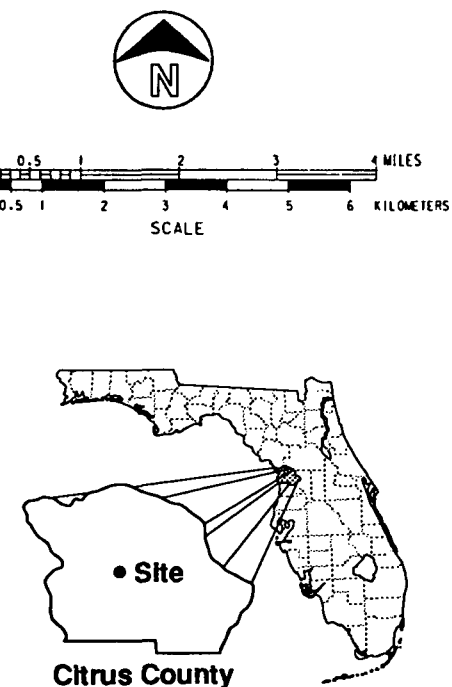
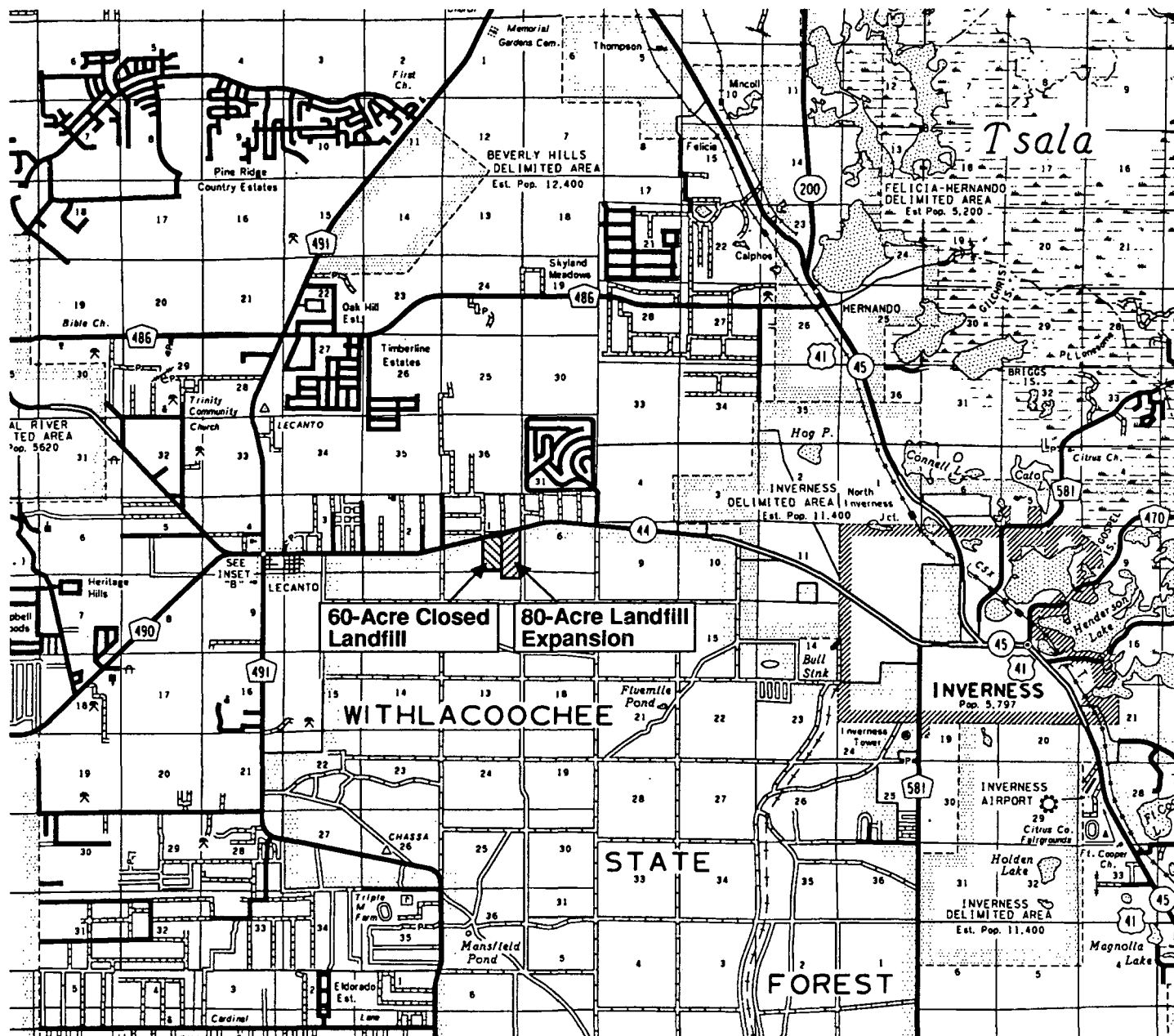


FIGURE 1
Location of Citrus County Central Landfill

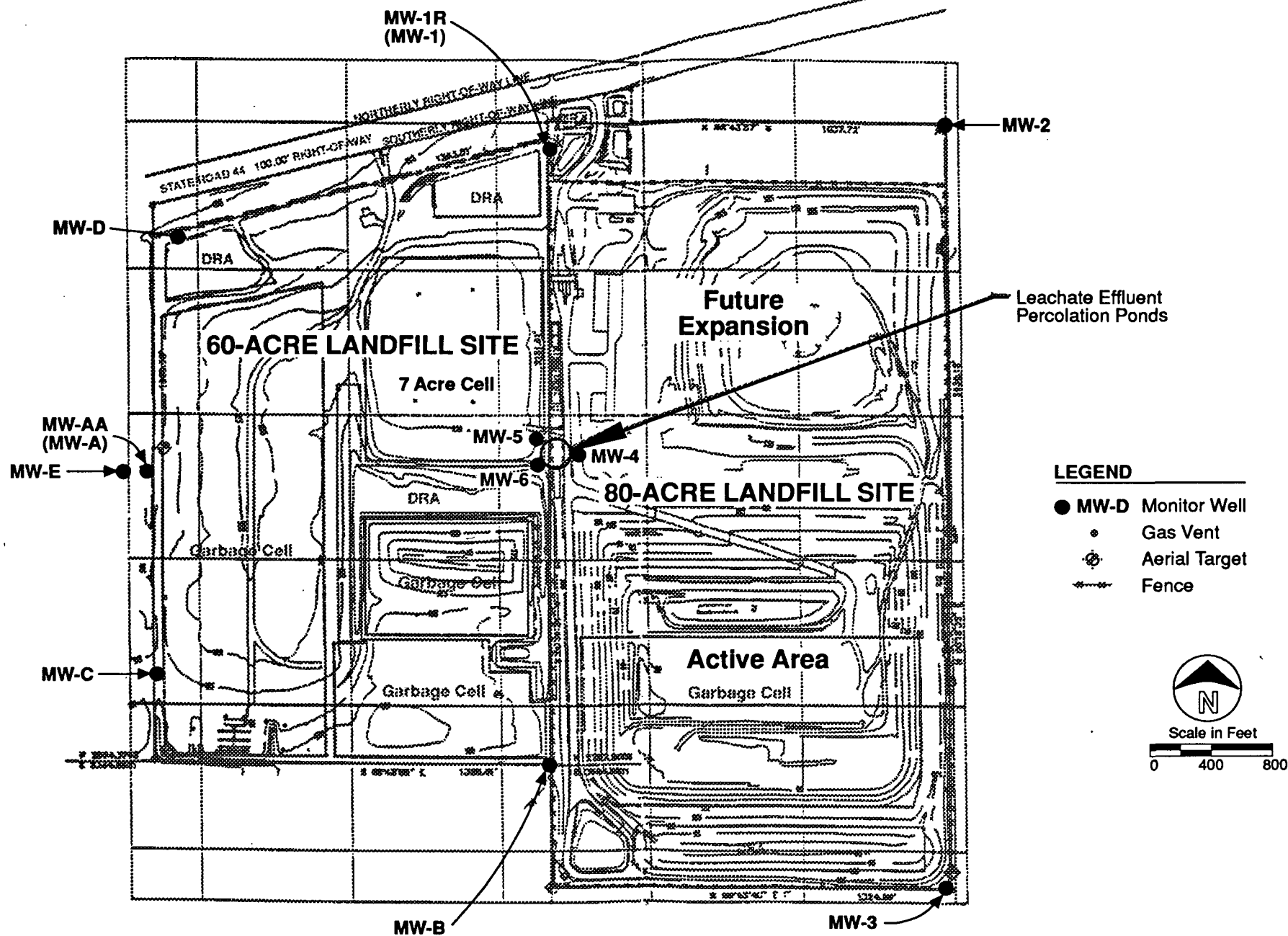


FIGURE 2
Site Map

1.2.2 LEACHATE EFFLUENT DISPOSAL

Leachate collected from the underdrain system was treated by an on-site facility, with effluent discharge to one of two percolation ponds (Figure 2), rotating use on an irregular basis. The plant was able to treat 30,000 gallons per day (gpd) in one shift. Discharge to these ponds ceased on September 8, 1994. Potentially contaminated stormwater, resulting from heavy rainfall events, was also treated and discharged to these ponds until October 18, 1994. Sludge from the treatment process was disposed of in the landfill.

Underdrain leachate and contaminated stormwater are presently being trucked to off-site wastewater treatment plants (WWTPs). The County is currently modifying the leachate treatment plant. If effluent quality is acceptable, the percolation ponds will again be used for treated effluent disposal.

1.3 PERMITS

The Citrus County Central Landfill received its original operation permit from the Florida Department of Environmental Regulation (FDER, now FDEP) on November 12, 1975 (Permit No. SO 09-0027), and has been in operation to the present.

The 80-acre site is presently operating under Operation Permit No. S009-187229, with modification number 259264 of March 31, 1995.

1.4 PURPOSE AND SCOPE

The purpose of this document is to prepare a groundwater monitoring plan for the 80-acre landfill expansion and the former percolation ponds that will be in compliance with Rule 62-701.510, FAC. Data used to develop the plan were obtained from previous investigations of the site and long-term analytical data from the groundwater monitoring wells. No additional data were collected to prepare this plan.

Previous investigations/reports include: the groundwater monitoring plan for the leachate disposal percolation ponds (Citrus County Division of Solid Waste, August 1993); the application for a permit to construct the 80-acre landfill expansion (Post, Buckley, Schuh & Jernigan, 1988b); the groundwater monitoring plan prepared to support that application (Post, Buckley, Schuh & Jernigan, Inc., 1988a), and the groundwater monitoring plan prepared by Seaburn and Robertson, Inc. (1985) for the 60-acre closed landfill site.

2.0 HYDROGEOLOGY AND HYDROLOGY

*replaced
9/19/95*

2.1 REGIONAL GEOLOGIC FRAMEWORK

The geology of Citrus County is characterized by thick, gently dipping Tertiary-age limestones with overlying sand and clay beds (Figure 3). The limestones are part of a sedimentary sequence of calcareous rocks which is in excess of 6,000 feet thick (Applin and Applin, 1944). The limestone units were deformed by the Ocala Uplift about 25 million years ago, producing an inclination (dip) in the rocks to the southwest in this area, accompanied by a rather regular rhombic pattern of vertical rock fracturing and faulting. This regional structural feature is oriented in a northwest-southeast direction.

In the area of the landfill, the uppermost limestone unit is probably the dense, 60- to 120-foot thick Suwannee Limestone, beneath which is the Crystal River Limestone. Overlying the limestones are siliceous clastic units (Vernon, 1951). Deposition of the clastics, primarily sands, clayey sands and clays, took place on a karstic surface on top of the limestones, therefore these clastic materials are discontinuous. The sand and clay unit above the limestone in the area of the landfill is probably the Alachua Formation, with the Coharie-Okefenokee Formation above that (Vernon and Puri, 1964).

2.2 REGIONAL HYDROGEOLOGY

Groundwater in central Citrus County occurs under non-artesian conditions, except where orange-colored, silty, clayey sands of the Alachua Formation form a semi-confining layer. However, these low permeability units are discontinuous and cannot be relied upon to provide a confining layer. In the area of the landfill, it appears that the non-artesian aquifer is in direct hydraulic connection with the underlying Floridan aquifer. Essentially, these two units act as one hydraulic unit. The aquifer is recharged by the infiltration of rainfall. According to Stewart (1980) the site lies in a "high recharge" area estimated to receive 10 to 20 inches recharge per year.

The elevation of the regional potentiometric surface of the Floridan aquifer in the vicinity of the landfill site was approximately 8-9 feet above mean sea level in May 1987 (Schiner, 1987). The potentiometric surface changes very little between the wet and dry seasons due to relatively little groundwater extraction in the area (Fretwell, 1983) and, also, due to the moderately high transmissivity of the limestones (discussed below). The highest recorded daily water level in a well between Lecanto and Inverness was 12.72 feet in October 1982, and the lowest was 5.75 feet in February maps, regional flow in the Floridan aquifer beneath the

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Change

Formation	Geologic Age	Lithologic Description	Approx. Thickness (Ft.)
Coharie-Okefenokee Formation	Pleistocene	Orange, red, tan, silty, clayey sand	0 - 40
Alachua Formation	Pliocene	Cream to gray to white, mottled, interbedded deposits of clay, sand and sandy clay with phosphatic limestone forming the base	25 - 50
Suwanee Limestone	Oligocene	Cream to yellow to tan, dense, hard limestone	60 - 120
Ocala Limestone	Eocene	White to cream, soft, porous, fossiliferous limestone	0 - 200
Avon Park Formation		Cream, tan, brown, fragmental to microcrystalline, limestone and dolomite with trace of peat	300

FIGURE 3
General Geologic Section
Citrus County

replaced
9/19/95

site is generally westward toward the Gulf of Mexico.

Hydraulic transmissivities of the Floridan aquifer in western Citrus County have been reported by others to range from 9.0×10^4 to 2.0×10^6 ft²/d (Fretwell, 1983).

2.3 SITE-SPECIFIC GEOLOGY AND GEOLOGIC UNITS

During the course of the 1985 investigations by Seaburn and Robertson, Inc., two deep standard penetration test (STP) borings were performed. One boring was drilled to a depth of 135 feet and the other to a depth of 250 feet. These borings confirmed the presence of a very irregular upper surface of the limestone at the site. In Boring A, on the western boundary of the 60-acre site, the top of limestone was at 68.5 feet depth. This limestone is overlain 5.5 feet of sand, followed by a unit comprised of about 18 feet of sandy siliceous clay and clay, which is overlain by about 45 feet of sand and silty sand. A monitoring well, former MW-A (replaced in early 1994 by MW-AA), was installed at this location.

In Boring B, located in the southeast corner of the 60-acre site, the top of the limestone was encountered at a depth of 176 feet. This is overlain by sand, with two minor zones of silty-clayey sand and sandy clay. A monitoring well, MW-B, was installed at this location.

Seven additional borings performed previously by the Citrus County Department of Technical Services east and south of the 60-acre site confirmed the irregular limestone surface (Seaburn and Robertson, Inc., 1985). Limestone was encountered in two of these borings offsite to the south of the site at depths of approximately 40 feet. Four borings to the east of the site, in what is now referred to as the 80-acre expansion site did not encounter limestone to depths of 100 feet, the maximum depth of exploration in that area. Geologic cross sections prepared by Seaburn and Robertson, Inc., are included in Appendix A.

An additional 8 borings were conducted in the 80-acre tract in 1988 by Universal Engineering Services to depths ranging from 80 to 125 feet, not encountering limestone. These sediments tend to grade downward from fine-medium sand, to clayey fine sand, to silty fine sand, to silty fine-medium sand containing discontinuous layers of a slightly clayey, silty fine sand. Geologic cross sections of the site were prepared by Post, Buckley, Schuh and Jernigan, Inc. (1988a), and are included in Appendix A. During excavation for Phase 1 of the active site, a limestone boulder was encountered at a depth of about 80 feet, near the west side of the excavation.

no elev. of
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diff. @ site
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2.4 LINEAMENT ANALYSIS

A lineament analysis of the site was performed in 1985 by Seaburn and Robertson, Inc. to determine whether there were any structural features seated in the underlying limestones that might be indicative of sinkholes and solution openings. This study concluded that there were no discernible structural trends indicative of such features near the landfill.

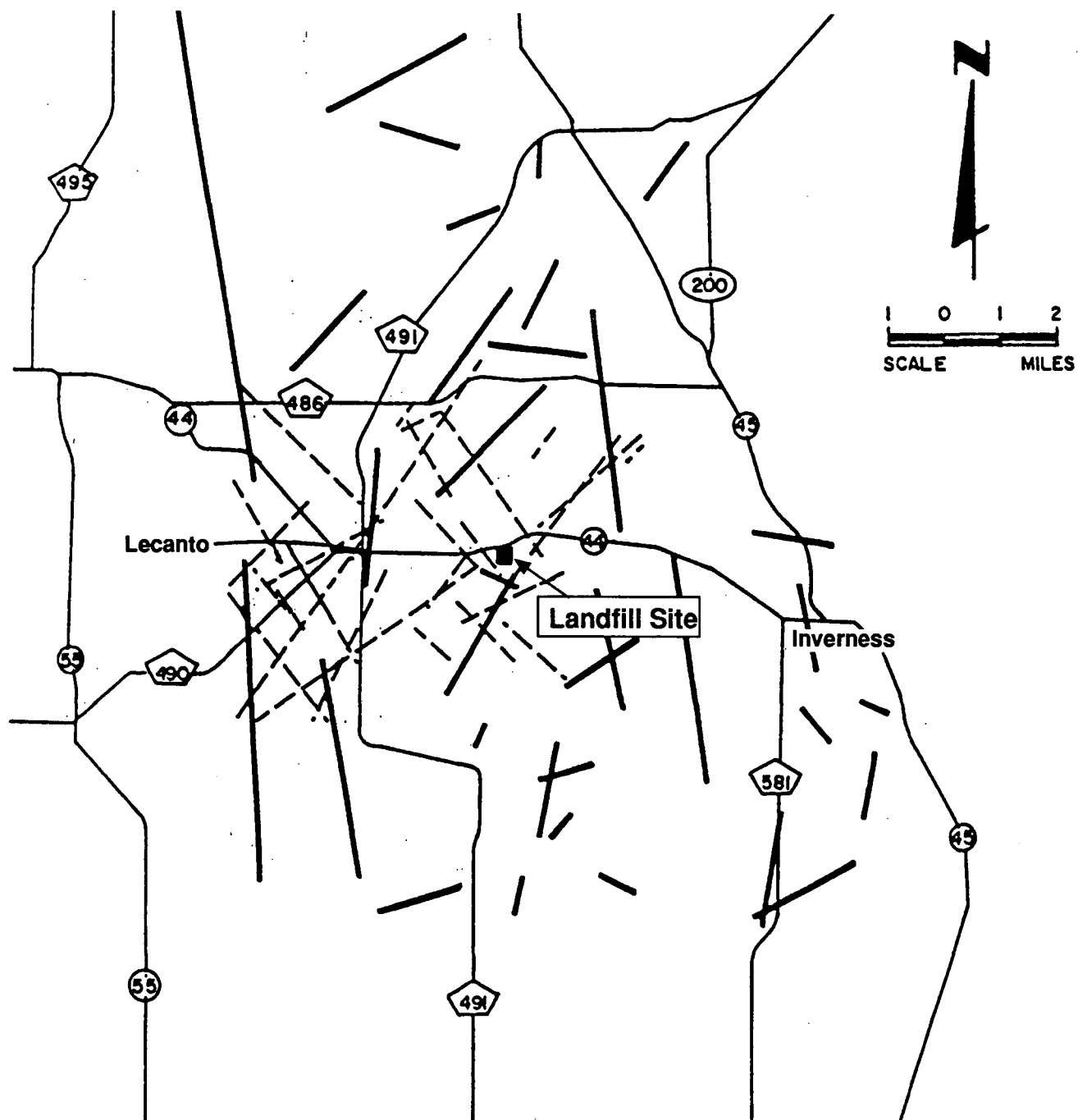
A second evaluation of potential structural features that might be indicative of such karst features was performed by Post, Buckley, Schuh & Jernigan, Inc. (1988a). The approach used was inspection of 7.5-minute USGS quadrangle maps for aligned physiographic features such as depressions, hills, lakes and surface drainages that might be of geologic significance. The results of this work and that of the Seaburn and Robertson, Inc. lineament study are shown on Figure 4.

These two earlier investigations concluded that there are two lineament trends, a primary northeast-southwest one and another trending northwest-southeast. In an area with a buried karst surface, such as in central Citrus County, most of the aligned physiographic features detected on aerial photographs and topographic maps are related to ancient solution and erosion of underlying limestone, including later subsidence. However, the features observed during these two studies were determined to be not related to a potential for sinkhole development at the site. They concluded that there appear to be no active sinkholes or solutional features in or near the Citrus County Central Landfill.

2.5 HYDROLOGIC UNITS

There are three basic hydrogeologic units at relatively shallow depths at the 60-acre and 80-acre sites. From land surface to a depth of approximately 250 feet, these are described as follows: 1) an upper sand of moderately low permeability, 2) a low permeability, orange, silty sand and/or sandy clay and clay of discontinuous nature, and 3) the Suwannee Limestone, which is underlain by limestones of the Crystal River Formation. These limestones are of moderate to high permeability as described previously from aquifer tests (see above).

Due to the lack of a continuous confining layer at the site, the sands and the limestone tend to act as a single aquifer. Groundwater present in this aquifer is essentially under water table conditions. Vertical flow in the sands overlying the limestones is relatively slow. Once this water reaches the water table and moves into the limestone, horizontal flow is dominant and toward the west.



EXPLANATION

-  Topographic Trend
-  Photolinear trend (taken from Seaburn and Robertson, 1985)

Modified from Post, Buckley,
Schuh & Jernigan, Inc. 1988

FIGURE 4
Photolinear and Topographic Trend Map

2.6 HYDRAULIC PARAMETERS

During the 1985 site investigation on the 60-acre tract, Seaburn and Robertson, Inc. determined both the vertical and hydraulic conductivities of the sediments underlying the site. It is expected that these values are generally indicative of the sediments found near this location. Vertical hydraulic conductivities ranged from 4.63×10^{-3} cm/sec for sand to 1.92×10^{-4} cm/sec for silty sand to 2.55×10^{-8} cm/sec for clay. The horizontal hydraulic conductivity for the silty sand at a depth of about 117 feet was 1.16×10^{-5} cm/sec.

In 1988, Post, Buckley, Schuh & Jernigan, Inc. (1988a) determined from eight sediment cores ranging in depth from 18.5 to 130 feet, that the sediments had vertical permeabilities ranging from 1.98×10^{-4} to 5.0×10^{-7} cm/sec, with a geometric mean of 8.6×10^{-6} cm/sec.

These values and the 1985 values indicate that the sediments above the Floridan aquifer tend to have a low permeability. This is further supported by the low yields and long periods of recovery required when sampling onsite monitoring wells. Additionally, the fine-grained nature of these sediments is indicated by the difficulty in obtaining groundwater samples of low turbidity, despite appropriate well construction and numerous efforts to develop the wells.

2.7 CLIMATOLOGY

The climatic conditions of Citrus County are classified as subtropical, with a rainy season and a dry season. For the 30-year period 1951-1980, the average monthly rainfall is shown in Figure 5. The average total annual rainfall is approximately 54.7 inches. The average annual temperature is 71.3°F.

2.8 SITE WATER BALANCE

During investigations at the 60-acre tract, Seaburn and Robertson, Inc. (1985) prepared a water balance for the purpose of evaluating the hydrologic characteristics of the Citrus County Central Landfill as well as to estimate the magnitude and timing of leachate generation. A post-operational infiltration rate of 2.72 inches/year was calculated as the amount of rainwater that would recharge the site. However, during the operational period of that portion of the landfill, it was considered that the actual infiltration rate through an un-vegetated surface would be greater (30.08 inches/year). With this and the expected moisture content of the fill material taken into account, it was estimated that a leachate would be produced 2-3 years after operations started. The quantity of leachate produced was estimated to be 7.43×10^6 .

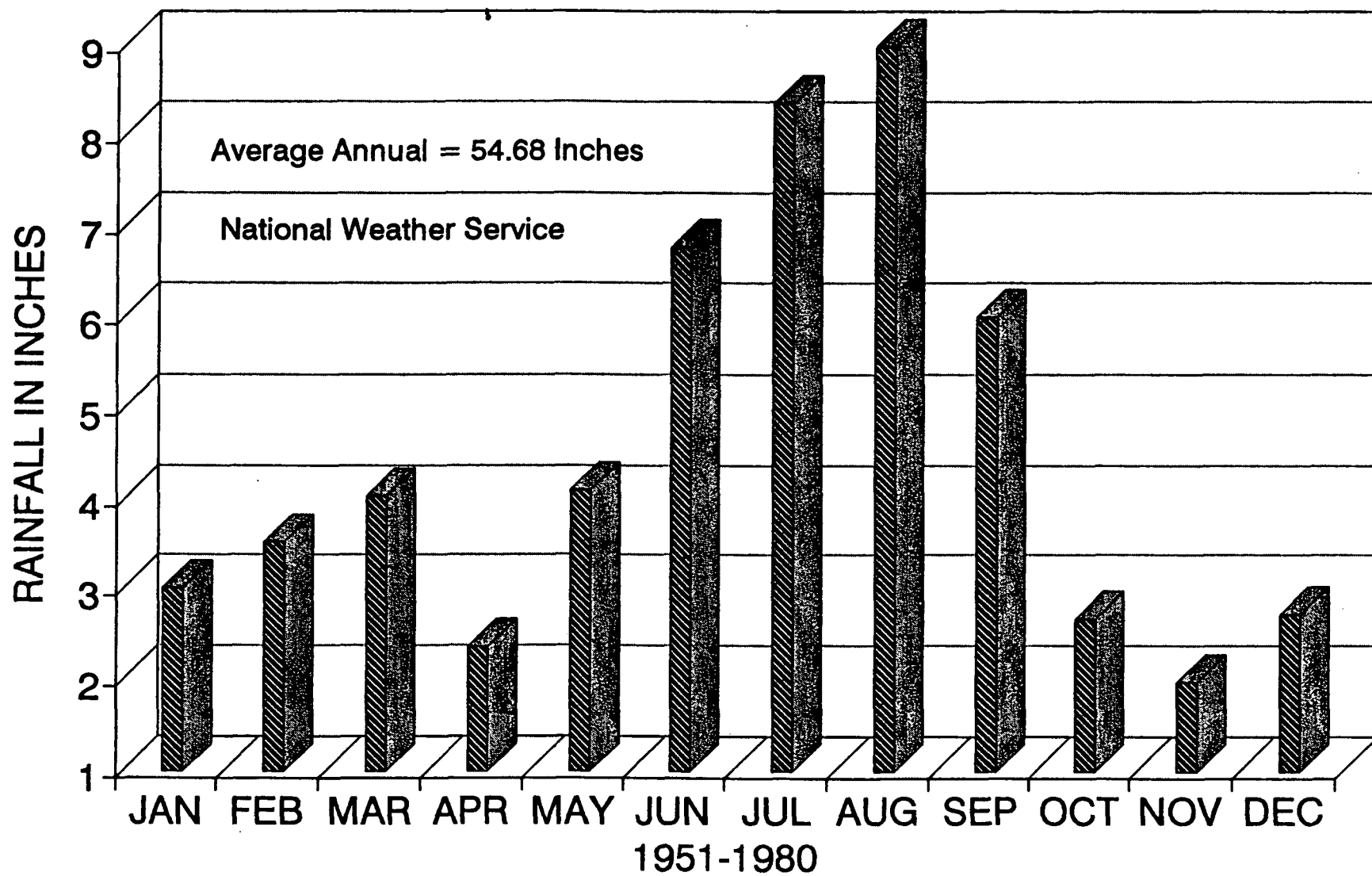


FIGURE 5
Average Monthly Rainfall,
Inverness Florida

gallons/year (20,360 gallons/day) during operations, and 6.7×10^5 gallons/year (1,835 gallons/day) following closure and revegetation of the land surface.

During the 21-month period starting in September 1991 and ending in May 1993, the total leachate plant flow for leachate from the southern half of the 80-acre site and a 7-acre lined cell in the 60-acre site was 11.638×10^6 gallons (including one rainfall event approaching the 100-year event). This is approximately 18,230 gallons/day, similar to the amount estimated for the 60-acre tract. The further expansion of the 80-acre site to its full size would result in an increase in leachate production.

Recent calculations included in the Site Master Plan (CH2M HILL, 1994) using HELP (Hydrologic Evaluation of Landfill Performance) modeling for the upcoming stages (phases) of landfill development provide information on this expected increase (Tables 1 and 2). These stages are presented in these tables as cases. Case 1 simulated and evaluated leachate production from the present Phase 1 disposal area. Case 7 simulates a closed landfill.

2.9 WELL INVENTORY

Well inventories were conducted for the 1985 and 1988 groundwater monitoring plans. These two inventories were supplemented on March 22, 1995 by a compilation of records obtained from the Southwest Florida Water Management District (SWFWMD). This most recent information for wells located within a one-mile radius of the site is provided in Appendix B.

Table 1. Citrus County Central Landfill
Estimated Peak Day Leachate Quantity

Case	Landfill Disposal Area						Total (gallons)
	Phase 1 (gallons)	Phase 2 (gallons)	Phase 3 (gallons)	Phase 4 (gallons)	Phase 5 (gallons)	Phase 6 (gallons)	
Case 1	53432	0	0	0	0	0	53432
Case 2	55876	8634	0	0	0	0	64510
Case 3	49784	9938	7983	0	0	0	67705
Case 4	30478	22611	10427	10264	0	0	73780
Case 5	7946	3260	34796	12544	12056	0	70602
Case 6	7946	3260	3260	3922	4584	51316	74288
Case 7	7946	3260	3260	3922	4584	6520	29492

Note: Based On HELP modeling using 5 years of data and includes a 25 yr - 24-hour storm of 9 inches

from CH2M HILL, 1994

Table 2. Citrus County Central Landfill
Estimated Average Annual Leachate Quantity

Case	Landfill Disposal Area						Total	
	Phase 1 (gallons/yr)	Phase 2 (gallons/yr)	Phase 3 (gallons/yr)	Phase 4 (gallons/yr)	Phase 5 (gallons/yr)	Phase 6 (gallons/yr)	(gallons/yr)	(gallons/day)
Case 1	3609582	0	0	0	0	0	3609582	9889
Case 2	4104776	1004856	0	0	0	0	5109632	13999
Case 3	4040274	1216808	929018	0	0	0	6186100	16948
Case 4	3110037	1775620	1276650	1194452	0	0	7356759	20156
Case 5	2161790	900363	2244790	1548238	1403007	0	8258188	22625
Case 6	2161790	900363	901484	1084527	1267571	3974627	10290362	28193
Case 7	2161790	900363	901484	1084527	1267571	1888126	8203861	22476

Note: Based On HELP modeling using 5 years of data and includes a 25 yr - 24-hour storm of 9 inches

From CH2M HILL, 1994

3.0 EXISTING MONITORING NETWORK

3.1 MONITORING WELL LOCATIONS/CONSTRUCTION DETAILS

The Citrus County Central Landfill, including both the 60-acre and 80-acre tracts, is presently being monitored by eleven (11) Floridan aquifer monitoring wells. Included are three (3) monitoring wells for the leachate effluent percolation ponds. The locations of these wells are shown in Figure 6. Table 3 provides the specifics and locations of these wells and their intended purpose. Construction details and geologic logs (where available) for the various wells are provided in Appendix C.

Monitoring wells are, at present, the following:

<u>Well Number</u>	<u>Aquifer</u>	<u>Location</u>
MW-1R (MW-1)	Floridan	see Figure 6
MW-2	Floridan	see Figure 6
MW-3	Floridan (background)	see Figure 6
MW-B	Floridan	see Figure 6
MW-4 (Perc)	Floridan	see Figure 6
MW-5 (Perc)	Floridan	see Figure 6
MW-6 (Perc)	Floridan	see Figure 6
MW-AA MW-A)	Floridan	see Figure 6
MW-C	Floridan	see Figure 6
MW-D	Floridan	see Figure 6
MW-E	Floridan	see Figure 6

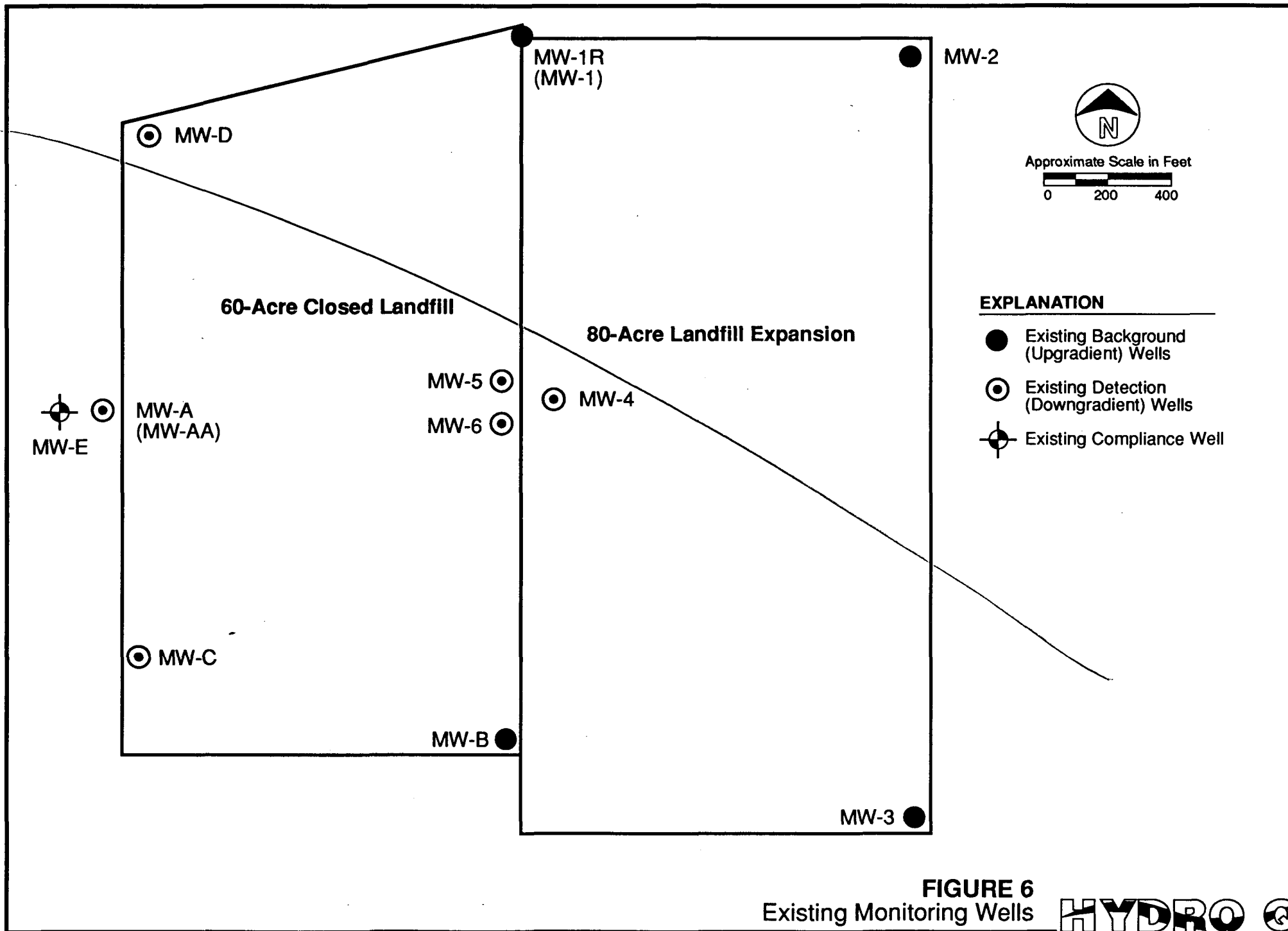
Refer to Table 3 for well details, locations and intended purpose.

3.2 GROUNDWATER LEVELS AND FLOW DIRECTION

Long-term groundwater levels are not available for the existing monitoring wells. However, selected water table contour maps included in the 1994 Groundwater Monitoring Annual Report for the Citrus County Central Landfill are included to show the typical seasonal groundwater levels and flow directions for the site.

Figure 7 shows the water table for September 1993, the end of the rainy season. Groundwater flow is westward toward the Gulf of Mexico. Across the site there is a groundwater gradient on the water table of approximately 2.4 feet/mile.

Figure 8 shows the water table for July 1994, during the rainy season. The "mound" observed in the vicinity of wells MW-4, MW-5 and MW-6 reflects the operation of the leachate effluent percolation ponds, which are no longer (September 8, 1994 for leachate effluent and October 18, 1994 for treated stormwater)



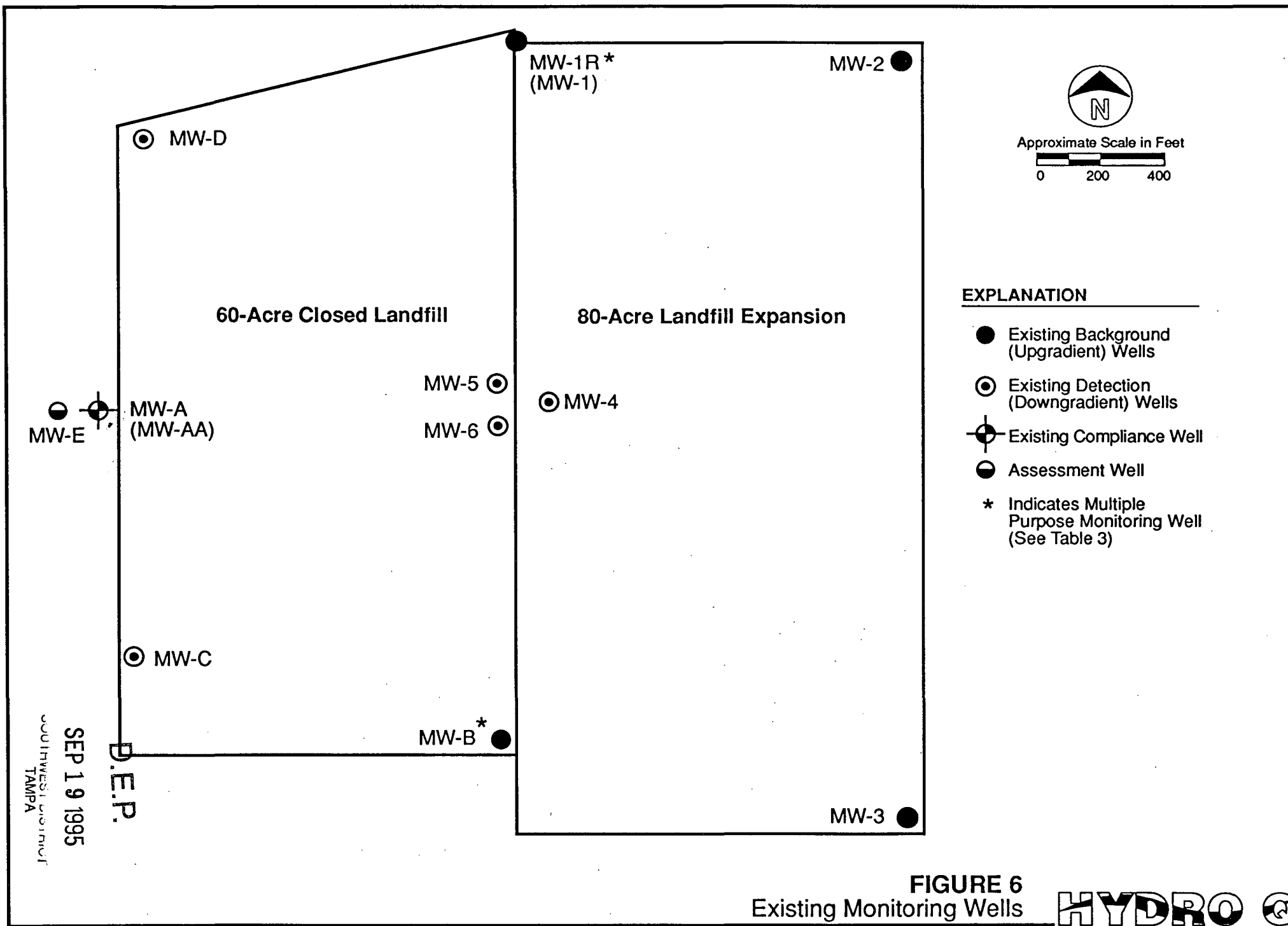


Table 3. Citrus County Central Landfill Monitor Well Specifics/Locations and Purpose

WELL	DEPTH	WELL DIAM (inches)	SCREEN INTERVAL (ft)	WELL ELEVATION	GROUND ELEVATION	WELL TYPE	LATITUDE	LONGITUDE	X COORDINATE	Y COORDINATE
MW-1R	120	2	110-120	118.08	115.3	upgradient	82 26 19.33566 W.	28 51 20.46904 N.	515734.4675	1644075.0314
MW-2	123	2	108-123	136.29	133.5	upgradient	82 26 04.91534 W.	28 51 21.09969 N.	517016.947	1644134.0121
MW-3	119	2	104-119	120.47	119.7	upgradient	82 26 04.69852 W.	28 50 55.30387 N.	517026.689	1641528.493
MW-4	120	2	110-120	122.62	121.4	detection	82 26 18.69384 W.	28 51 09.70125 N.	515787.5197	1642987.2443
MW-5	120	2	110-120	121.14	118.6	detection	82 26 19.60416 W.	28 51 10.09772 N.	515706.7199	1643027.5870
MW-6	120	2	110-120	118.48	115.8	detection	82 26 19.55309 W.	28 51 09.05065 N.	515710.8712	1642921.8127
MW-AA	113	2	103-113	106.11	104.7	compliance	82 26 35.08066 W.	28 51 09.22643 N.	514330.1915	1642944.6946
MW-B	128	4	108-128	111.94	111.1	compliance	82 26 19.59919 W.	28 50 59.45064 N.	515703.188	1641952.201
MW-C	196	4	not available	115.18	114.1	compliance	82 26 34.29378 W.	28 51 02.32191 N.	514397.562	1642247.058
MW-D	209	4	not available	109.77	108.4	compliance	82 26 33.51558 W.	28 51 17.24014 N.	514472.380	1643753.584
MW-E	115	2	95-115	109.88	107.0	assessment	82 26 36.68776 W.	28 51 09.55952 N.	514187.411	1642978.872

Notes:

Well MW-1R is a replacement for Well MW-1 data from both should be considered comparable and continuous

Well MW-AA is a replacement for Well MW-A data from both should be considered comparable and continuous

Table 3. Citrus County Central Landfill Monitor Well Specifics/Locations and Purpose

WELL	DEPTH	WELL DIAM (Inches)	SCREEN INTERVAL (ft)	WELL ELEVATION	GROUND ELEVATION	WELL TYPE	LATITUDE	LONGITUDE	X COORDINAT	Y COORDINATE
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MW-3	119	2	104-119	120.47	119.7	upgradient	82 26 04.69852 W.	28 50 55.30387 N.	517026.689	1641528.493
MW-4	120	2	110-120	122.62	121.4	detection	82 26 18.69384 W.	28 51 09.70125 N.	515787.5197	1642987.2443
MW-5	120	2	110-120	121.14	118.6	detection	82 26 19.60416 W.	28 51 10.09772 N.	515706.7199	1643027.5870
MW-6	120	2	110-120	118.48	115.8	detection	82 26 19.55309 W.	28 51 09.05065 N.	515710.8712	1642921.8127
MW-AA	113	2	103-113	106.11	104.7	compliance	82 26 35.08066 W.	28 51 09.22643 N.	514330.1915	1642944.6946
MW-B *	128	4	108-128	111.94	111.1	downgradie	82 26 19.59919 W.	28 50 59.45064 N.	515703.188	1641952.201
MW-C	199	4	open hole 192-199	115.18	114.1	downgradie	82 26 34.29378 W.	28 51 02.32191 N.	514397.562	1642247.058
MW-D	208	4	open hole 188-208	109.77	108.4	downgradie	82 26 33.51558 W.	28 51 17.24014 N.	514472.380	1643753.584
MW-E	115	2	95-115	109.88	107.0	assessment	82 26 36.68776 W.	28 51 09.55952 N.	514187.411	1642978.872

Notes:

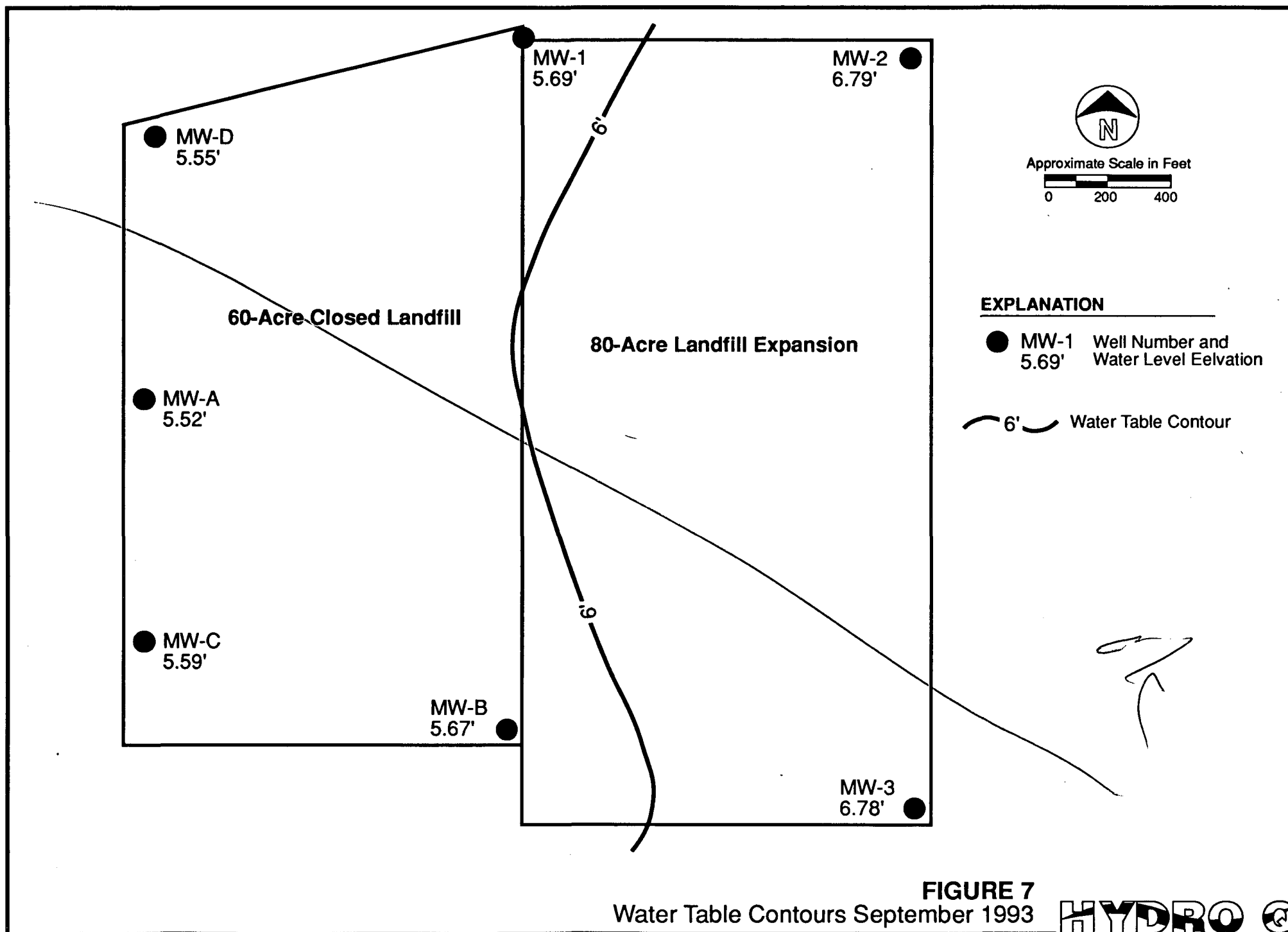
Well MW-1R is a replacement for Well MW-1 data from both should be considered comparable and continuous

Well MW-AA is a replacement for Well MW-A data from both should be considered comparable and continuous

Wells MW-C and MW-D are shown in Appedix C as having well screens and a sand pack. However video logging by

Deep Venture in 1993 revealed that these wells are open hole in Suwannee (?) Limestone (see also Appendix C, following construction details)

* Wells are upgradient from the 60-acre site, but downgradient from the 80-acre site



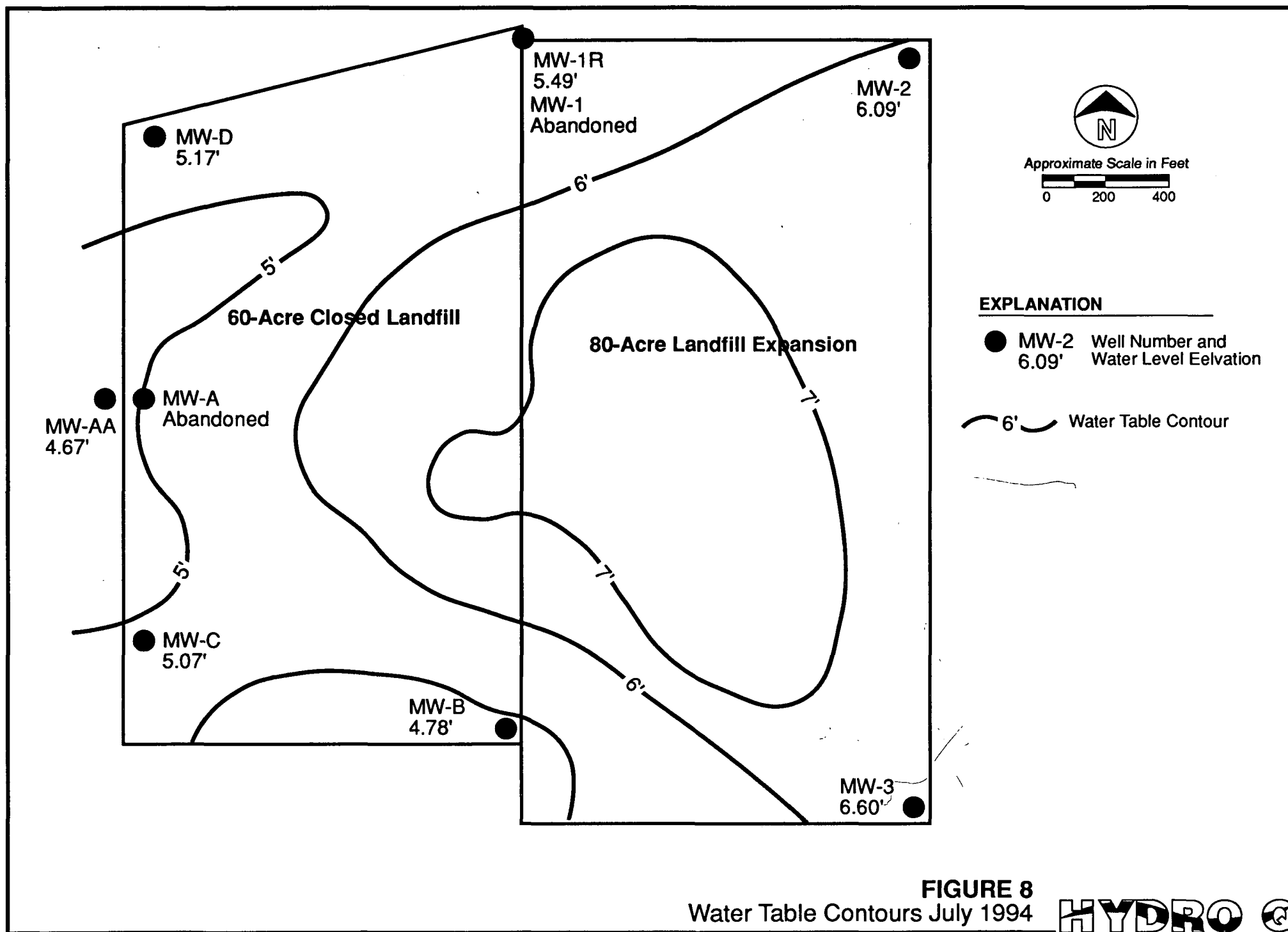


FIGURE 8
Water Table Contours July 1994

replaced
9/19/95

being used.

Figure 9 shows the water table for April 1994, toward the end of the dry season. Groundwater flow is west-southwesterly. There is a groundwater gradient of approximately 4.1 feet/mile across the site in this direction.

3.3 SURFACE WATER MONITORING

There is no surface water monitoring because of the lack of bodies of surface water on or near the site. Drainage in and around the area is closed, with drainage water eventually percolating into the soil or being lost through evaporation from areas of temporary standing water or through evapotranspiration from seasonal wet areas.

3.4 LEACHATE MONITORING

Raw leachate is sampled, as of November 1, 1994, at three (3) locations. These locations are three tanks associated with the leachate treatment plant. Tank 1 is sampled for the leachate influent (underdrain leachate). Tank 2 and Tank 3 are sampled for contaminated stormwater influent (the former stormwater holding pond is not in use). Treated stormwater is sampled. Sludge from the treatment process is analyzed on an annual basis.

The County is currently modifying the leachate treatment plant. If effluent quality is acceptable, the percolation ponds will again be used for treated effluent disposal.

3.5 WATER QUALITY

3.5.1 GROUNDWATER

3.5.1.1 Parameters Monitored

Existing monitoring wells for the 80-acre expansion are being sampled semi-annually for the following parameters:

Field Parameters

Static water level in wells before purging
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors & Sheen (by observation)

being used.

Figure 9 shows the water table for April 1994, toward the end of the dry season. Groundwater flow is west-southwesterly. There is a groundwater gradient of approximately 4.1 feet/mile across the site in this direction.

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3.4 LEACHATE MONITORING

Raw leachate is sampled, as of September 15, 1995, at one (1) location. This location is a tank associated with the leachate treatment plant. Tank 1 is sampled for the leachate influent (underdrain leachate plus contaminated stormwater). Treated leachate is sampled from Tank 4. Sludge from the treatment process is analyzed on an annual basis.

The County has modified the leachate treatment plant. The operational testing period has been completed. The County is awaiting approval from the FDEP for disposal to the onsite percolation ponds.

3.5 WATER QUALITY

3.5.1 GROUNDWATER

3.5.1.1 Parameters Monitored

Existing monitoring wells for the 80-acre expansion are being sampled semi-annually for the following parameters:

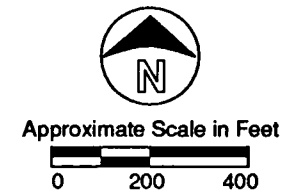
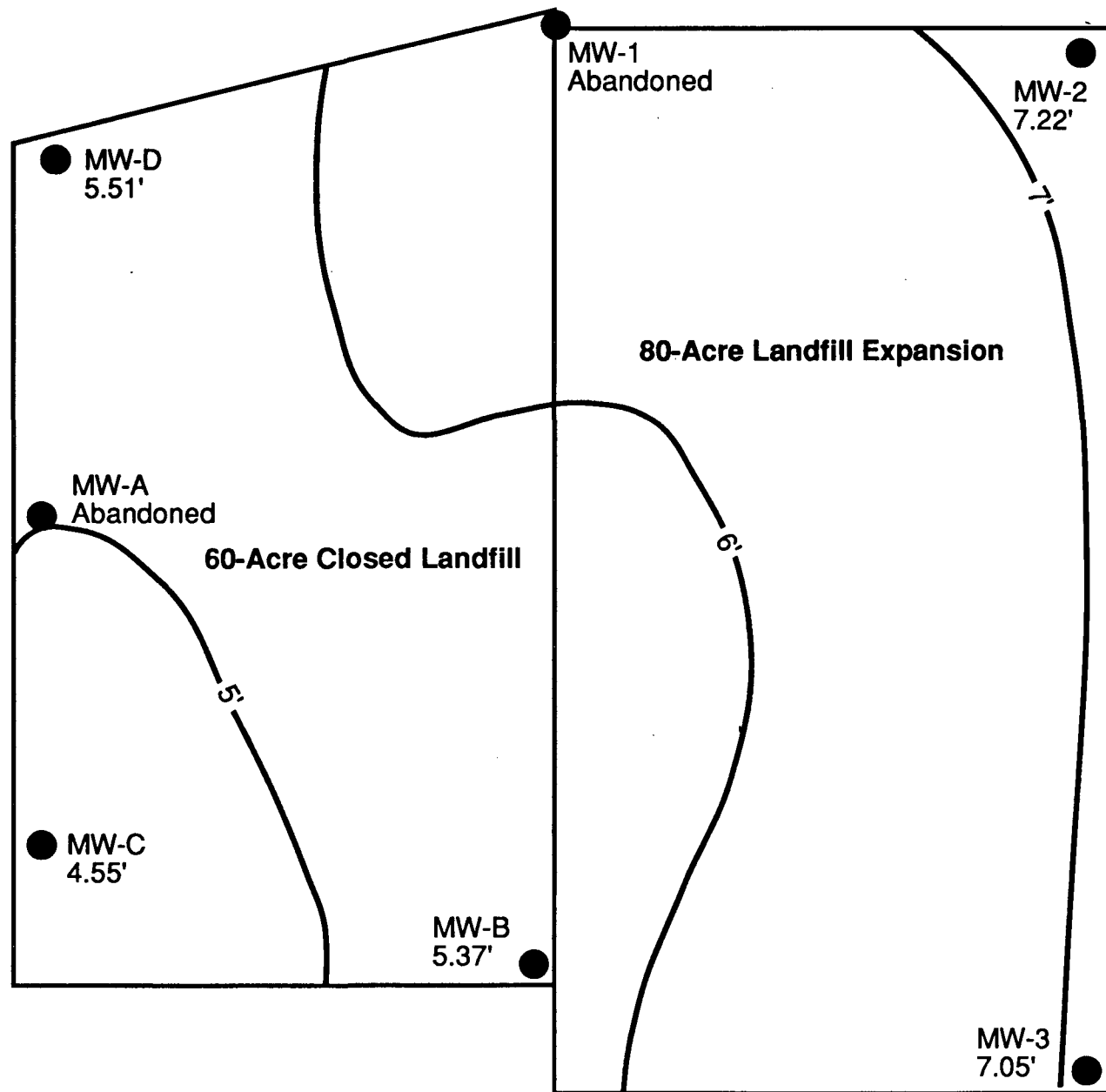
Field Parameters

Static water level in wells before purging
Specific Conductivity
pH
Dissolved Oxygen
Turbidity
Temperature
Colors & Sheen (by observation)

D.E.P.

SEP 19 1995

SOUTHWEST DISTRICT
TAMPA



EXPLANATION

- MW-2 7.22' Well Number and Water Level Elevation
- 6' — Water Table Contour

FIGURE 9
Water Table Contours April 1994

Laboratory Parameters

Total Ammonia-N
Chlorides
Iron
Mercury
Nitrate
Sodium
Total Dissolved Solids (TDS)
40 CFR Part 258, Appendix I

New monitoring wells MW-1R (replaced MW-1 in October 1994)), MW-4, MW-5 and MW-6 are being sampled quarterly for four consecutive quarters for the parameters listed above.

3.5.1.2 Background Water Quality

Appendix D provides the results of background and upgradient monitoring at wells MW-1, MW-2, MW-3 and MW-B for November 15, 1990. Also included in Appendix D are analytical results for the sampling of January 3, 1995. Comparison of this information reveals that there have been only slight variations in background water quality. Well MW-B has shown a slight rise in nitrate content.

3.5.2 LEACHATE

Appendix E provides the results for the leachate influent (underdrain leachate) collected in Tank 1 for the semi-annual sampling of January 3, 1995, as an example of present raw leachate quality.

3.5.3 TREATED LEACHATE (EFFLUENT)

Until September 8, 1994, leachate effluent from the on-site treatment plant was released to two percolation ponds. This effluent was to be analyzed for certain parameters and meet certain criteria:

<u>Parameter</u>	<u>Unit</u>	<u>Minimum</u>	<u>Maximum</u>	<u>Frequency</u>
Flow	gpd	N/A	30,000	Daily
pH	S.U.	6.00	8.5	Daily
Chlorine Resid	mg/l	N/A	N/A	Daily, if using Chlorine
CBOD ₅	mg/l	N/A	20	Weekly
COD	mg/l	(acceptable CBOD ₅ :COD Ratio)		Weekly
TSS	mg/l	N/A	N/A	Weekly

Total Phosp	mg/l	N/A	N/A	Weekly
Ammonia-N	mg/l	N/A	N/A	Weekly
Nitrate-N	mg/l	N/A	12	Weekly
Total Nitrogen	mg/l	N/A	N/A	Weekly
Fecal Coliform	#/100	N/A	200	Weekly
Chloride	mg/l	N/A	N/A	Weekly
Sodium	mg/l	N/A	N/A	Weekly
TDS	mg/l	N/A	N/A	Weekly

The sludge from the treatment process was to be analyzed prior to disposal in the landfill. These parameters were:

Toxicity Characteristic Leaching Potential Test (TCLP) for
organics, metals and pesticides
Total Nitrogen (percent dry weight)
Total Phosphorus (percent dry weight)
Total Potassium (percent dry weight)
Cadmium mg/kg (dry weight)
Copper mg/kg (dry weight)
Lead mg/kg (dry weight)
Nickel mg/kg (dry weight)
Zinc mg/kg (dry weight)
pH (Standard Units)
Solids (percent)

3.6 EVALUATION OF MONITORING RESULTS

3.6.1 GROUNDWATER MONITORING RESULTS

3.6.1.1 Response of Groundwater Levels to Rainfall

Figures 10 and 11 show the response of Floridan aquifer monitoring wells to rainfall at/near the Citrus County Central Landfill for the period June 1993 through January 1995. Over this period, there has been a steady rise in groundwater levels with increasing rainfall, particularly since mid-1994. Groundwater levels have risen approximately 3-5 feet for the various wells.

3.6.1.2 Groundwater Monitoring

Figures 12 through 35 are provided to show the response of onsite upgradient and downgradient monitoring wells to the various landfilling activities at the Citrus County Central Landfill. Indicator parameters (substances often found in landfill-contaminated groundwater) chloride, sulfate, total dissolved solids, specific conductivity, total organic carbon (TOC), vinyl chloride, benzene and nitrate are compared. One-time spikes on the graphs may be considered to be anomalies. [Note that when no symbol for a particular parameter appears for a sampling interval, there was no analytical result; the graphs included are complete].

Total Phosp	mg/l	N/A	N/A	Weekly
Ammonia-N	mg/l	N/A	N/A	Weekly
Nitrate-N	mg/l	N/A	12	Weekly
Total Nitrogen	mg/l	N/A	N/A	Weekly
Fecal Coliform	#/100	N/A	200	Weekly
Chloride	mg/l	N/A	N/A	Weekly
Sodium	mg/l	N/A	N/A	Weekly
TDS	mg/l	N/A	N/A	Weekly

The sludge from the treatment process was to be analyzed prior to disposal in the landfill. These parameters were:

Toxicity Characteristic Leaching Potential Test (TCLP) for organics, metals and pesticides
 Total Nitrogen (percent dry weight)
 Total Phosphorus (percent dry weight)
 Total Potassium (percent dry weight)
 Cadmium mg/kg (dry weight)
 Copper mg/kg (dry weight)
 Lead mg/kg (dry weight)
 Nickel mg/kg (dry weight)
 Zinc mg/kg (dry weight)
 pH (Standard Units)
 Solids (percent)

3.6 EVALUATION OF MONITORING RESULTS

3.6.1 GROUNDWATER MONITORING RESULTS

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GROUNDWATER LEVELS & RAINFALL

CITRUS COUNTY CENTRAL LANDFILL

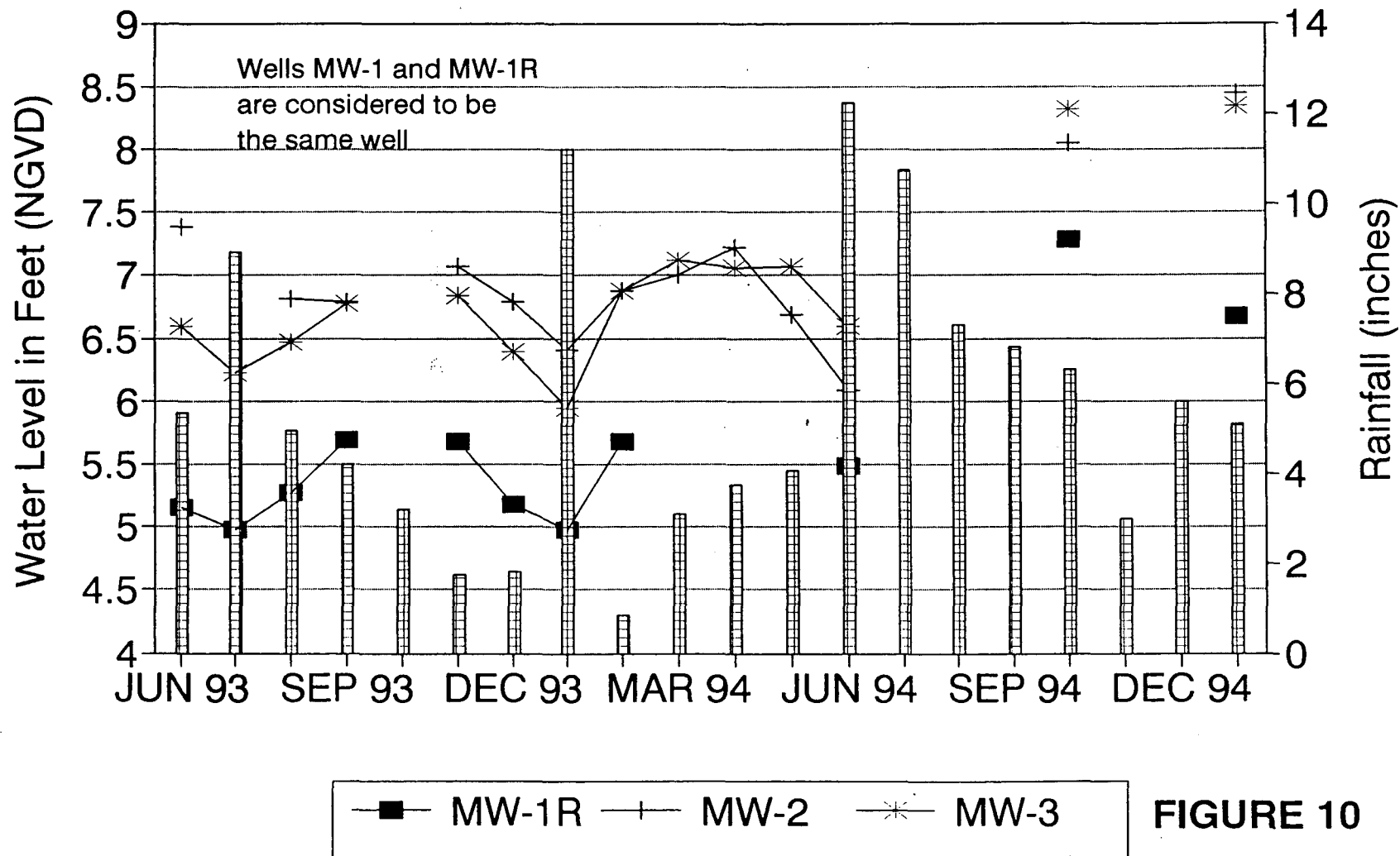


FIGURE 10

GROUNDWATER LEVELS & RAINFALL

CITRUS COUNTY CENTRAL LANDFILL

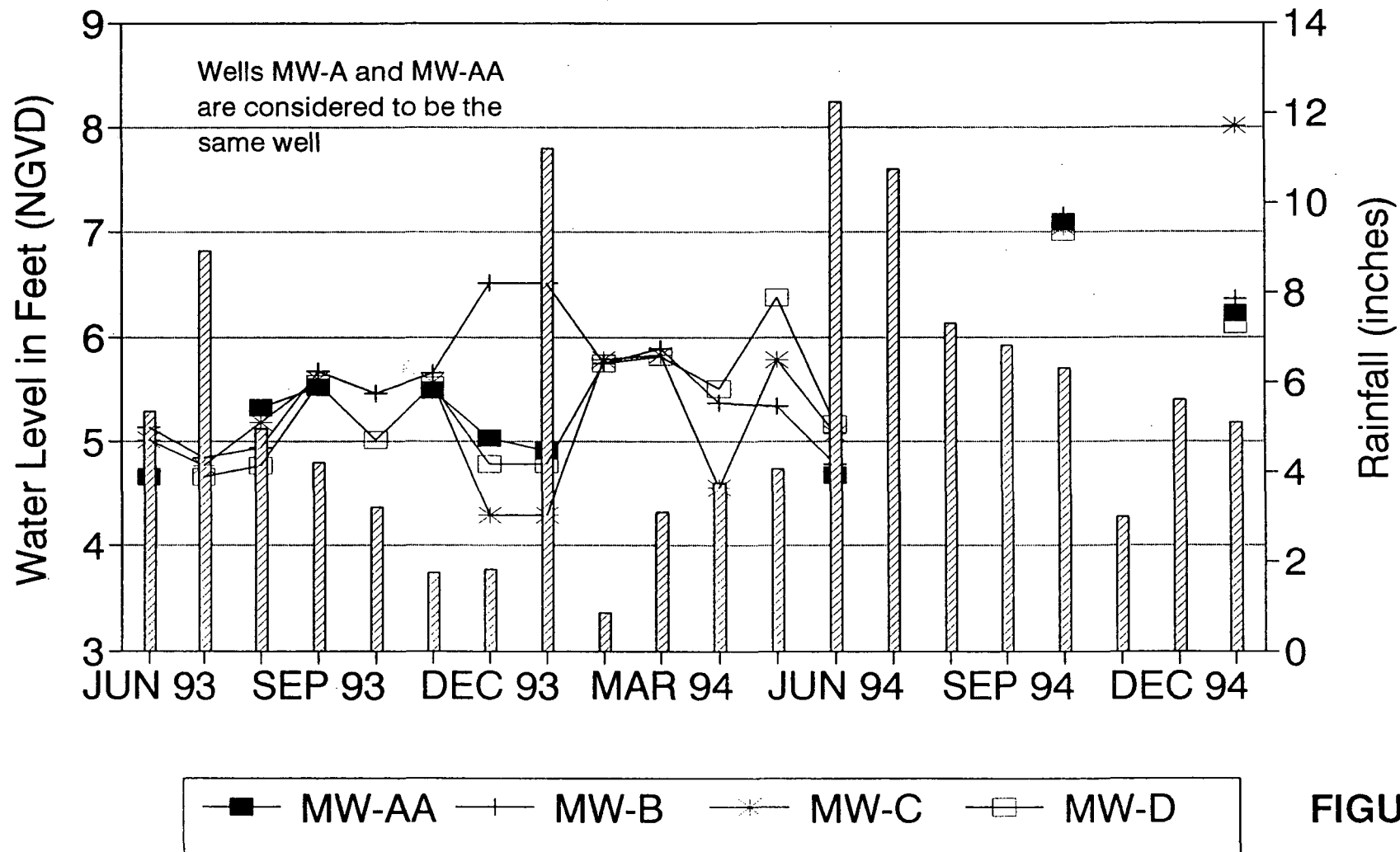
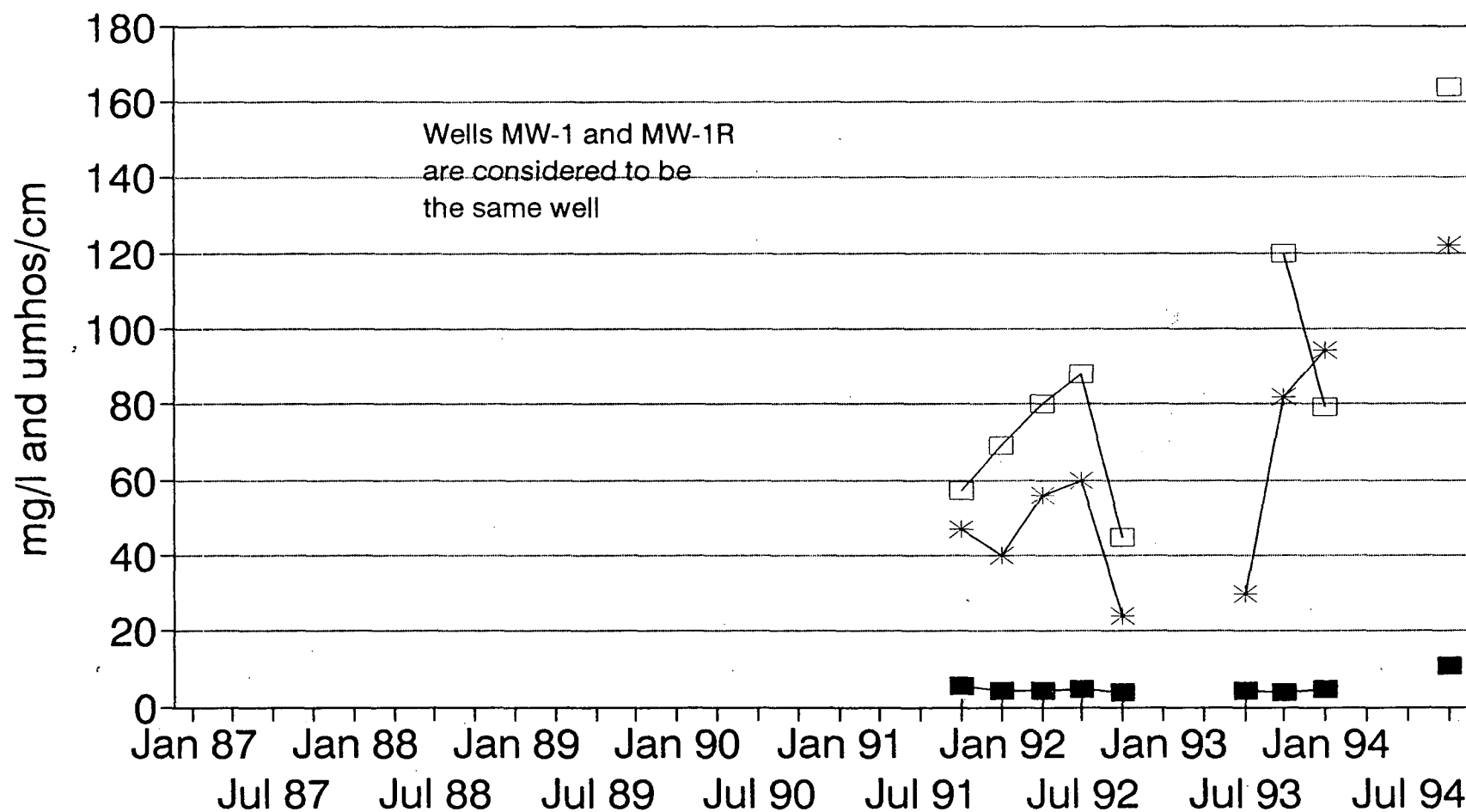


FIGURE 11

MONITORING WELL MW-1

CITRUS COUNTY CENTRAL LANDFILL

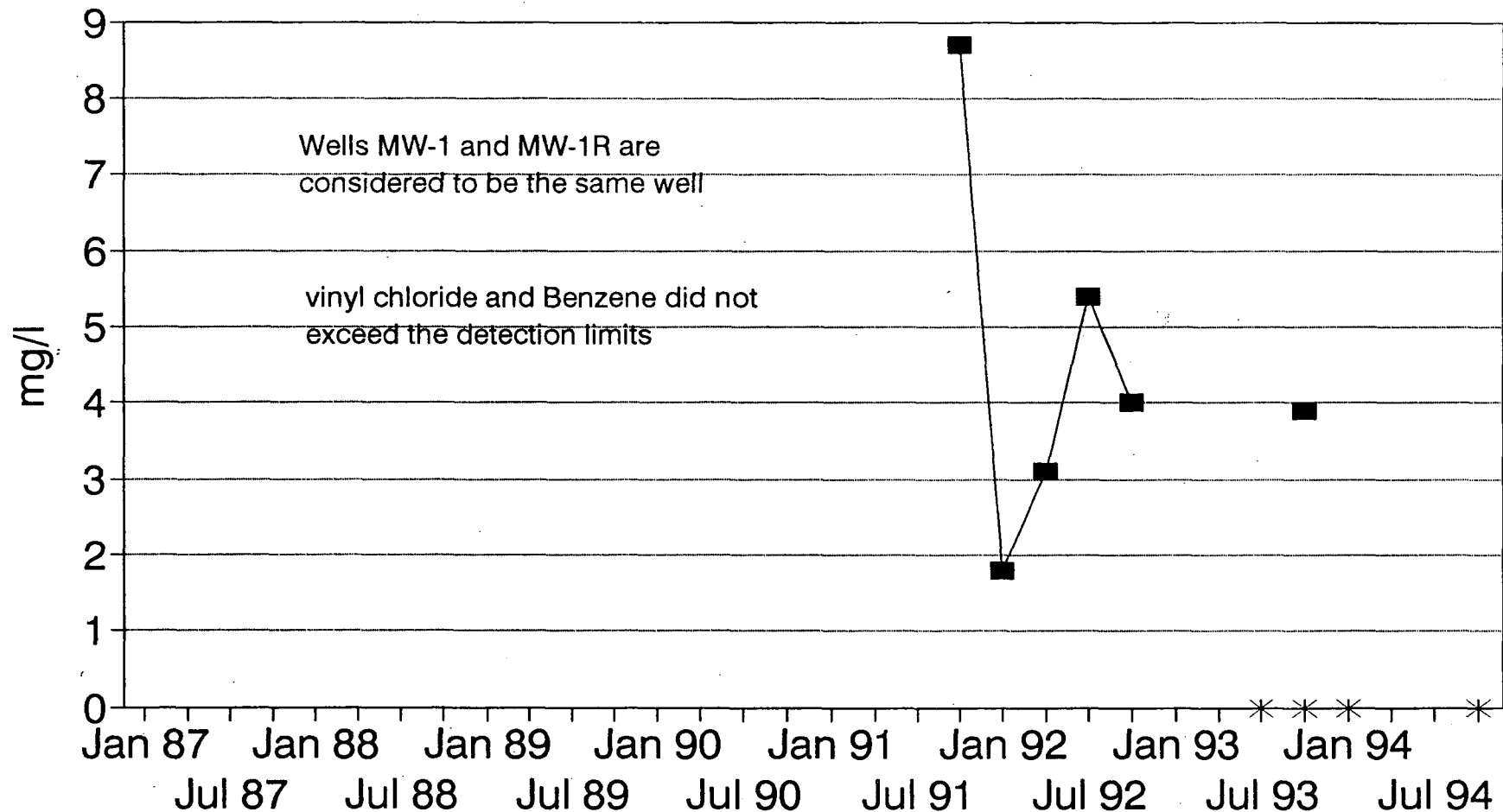


■ Chloride + Sulfate * TDS □ Sp. Cond.

FIGURE 12

MONITORING WELL MW-1

CITRUS COUNTY CENTRAL LANDFILL



—■— TOC —+— VINYL CL —*— BENZENE

FIGURE 13

MONITORING WELL MW-1

CITRUS COUNTY CENTRAL LANDFILL

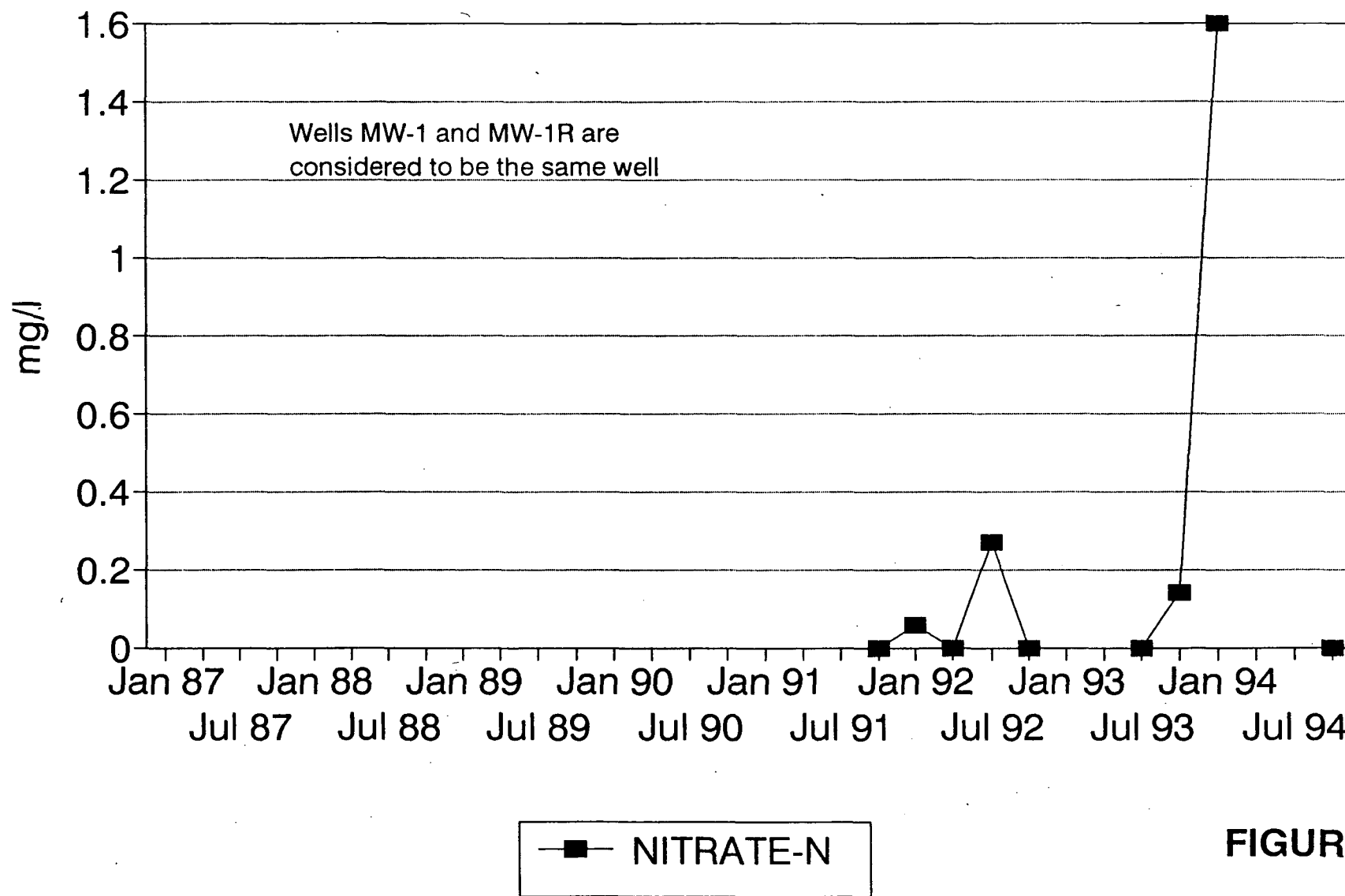
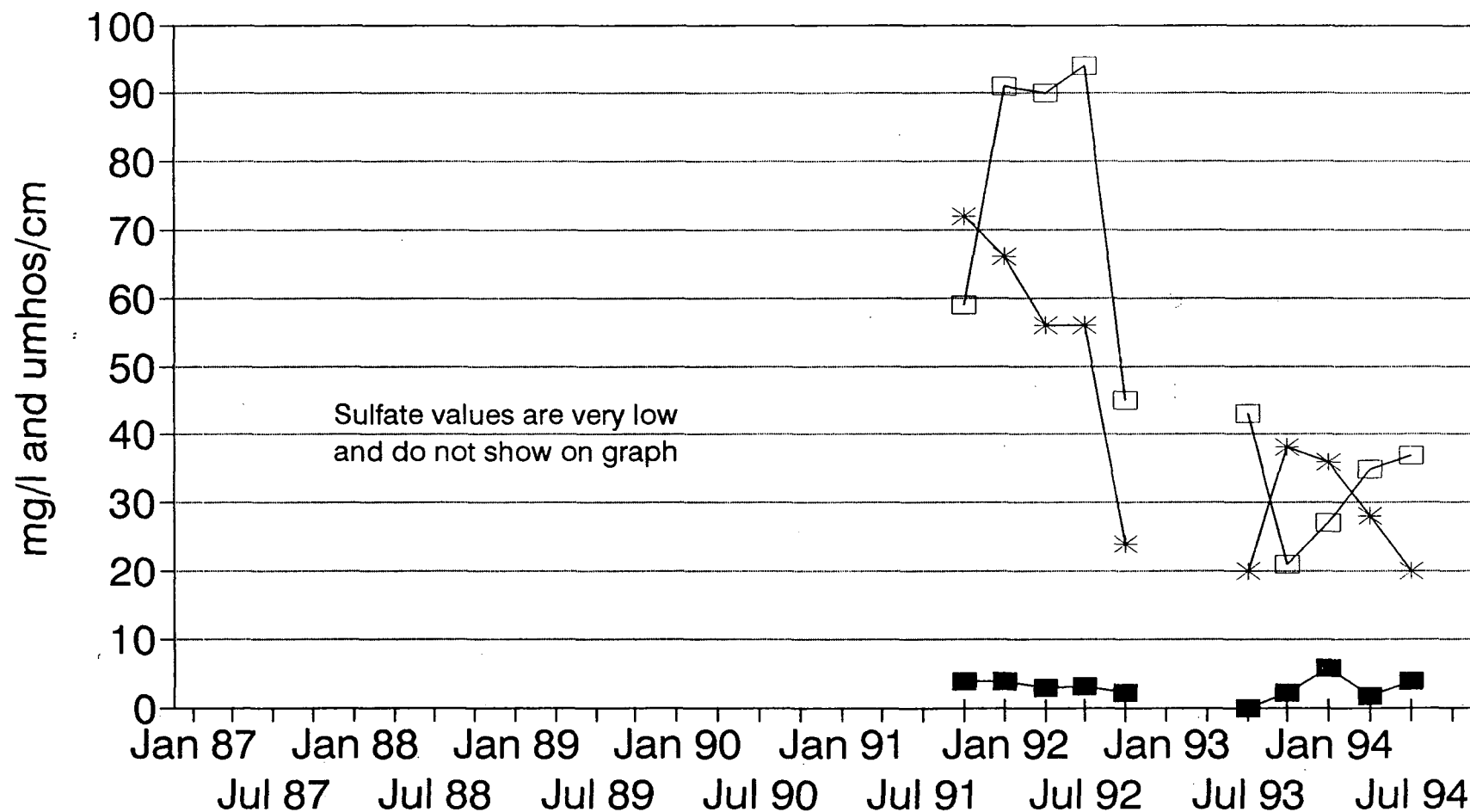


FIGURE 14

MONITORING WELL MW-2

CITRUS COUNTY CENTRAL LANDFILL



—■— Chloride —+— Sulfate —*— TDS —□— Sp. Cond.

FIGURE 15

MONITORING WELL MW-2

CITRUS COUNTY CENTRAL LANDFILL

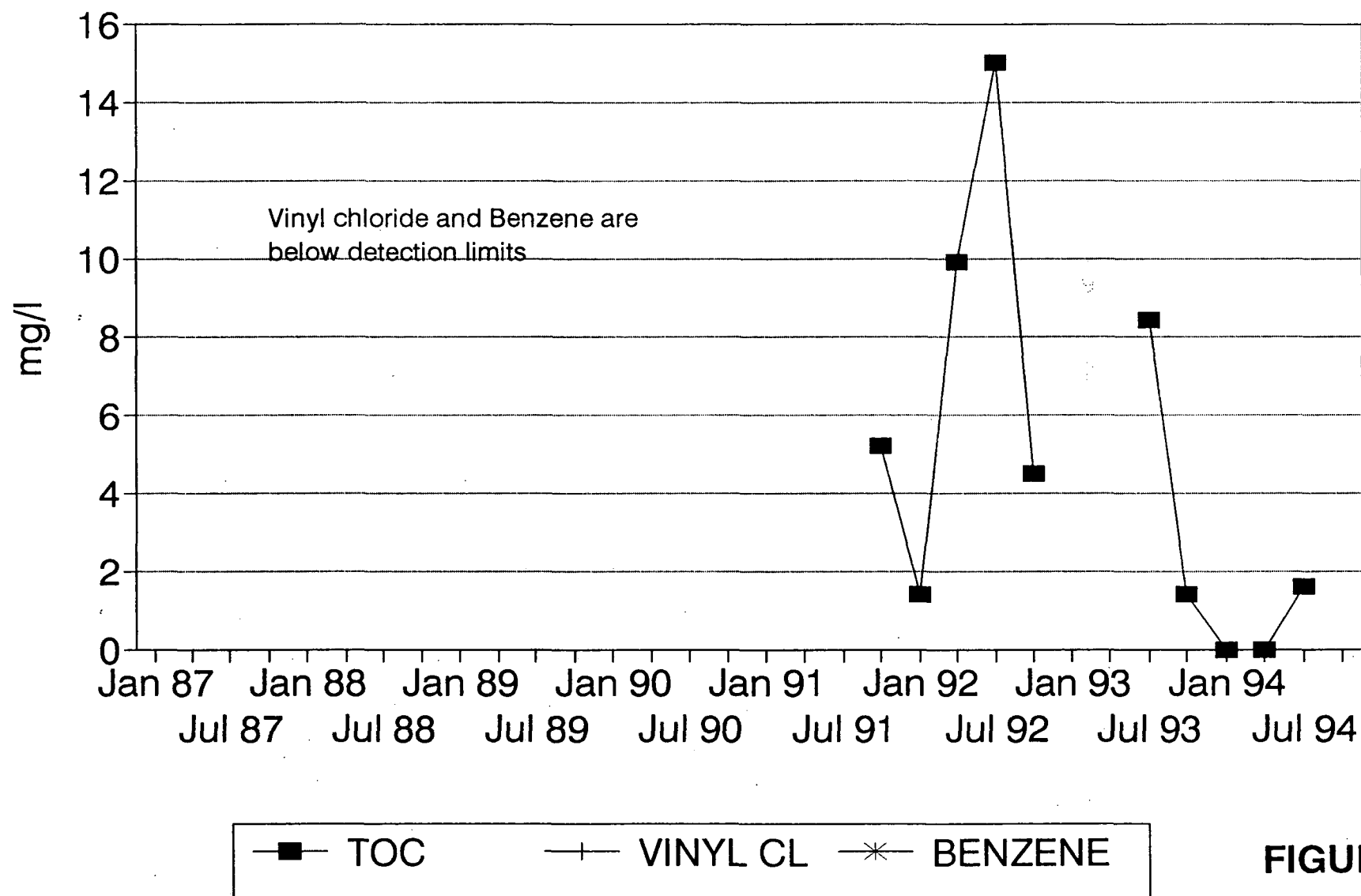


FIGURE 16

MONITORING WELL MW-2

CITRUS COUNTY CENTRAL LANDFILL

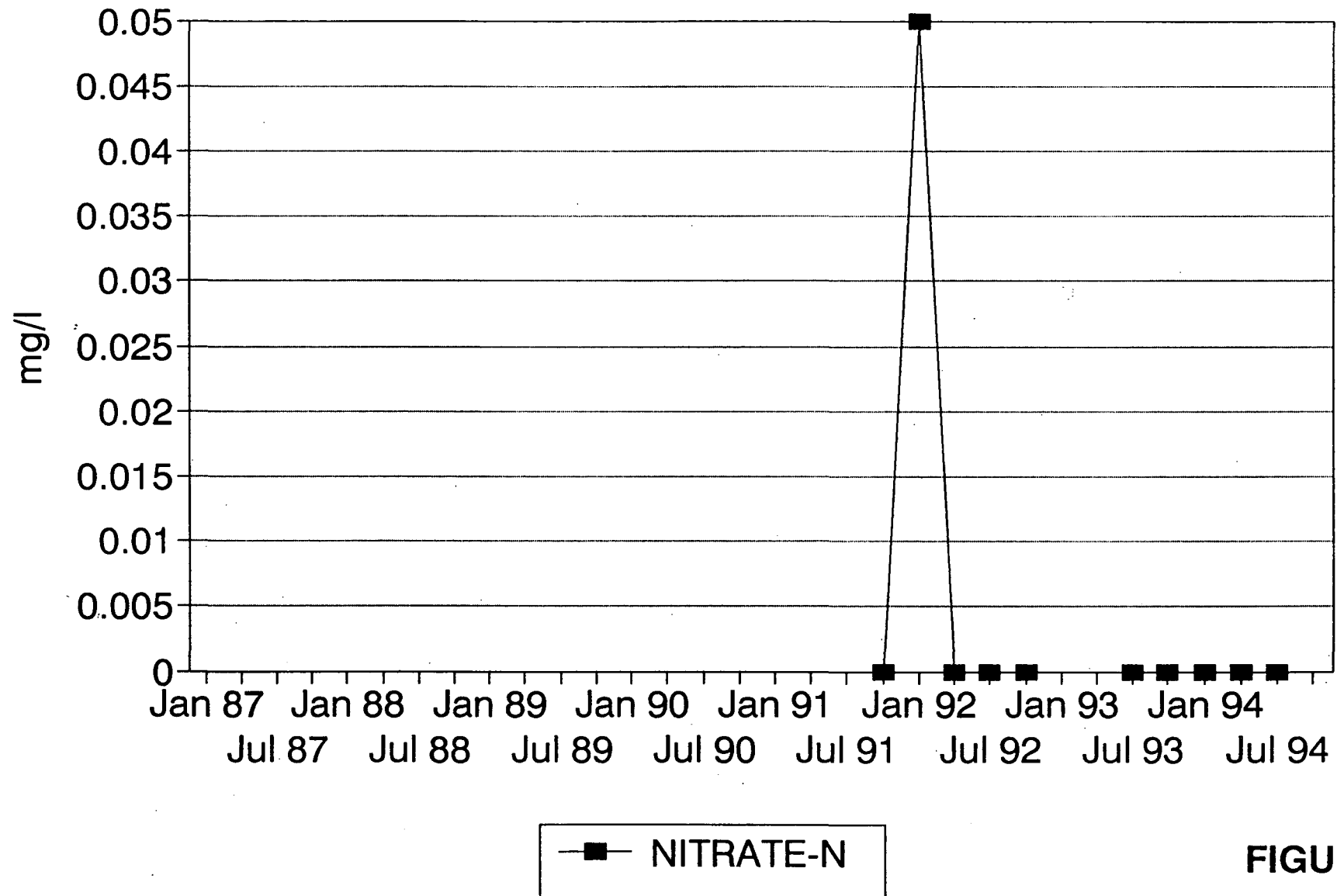
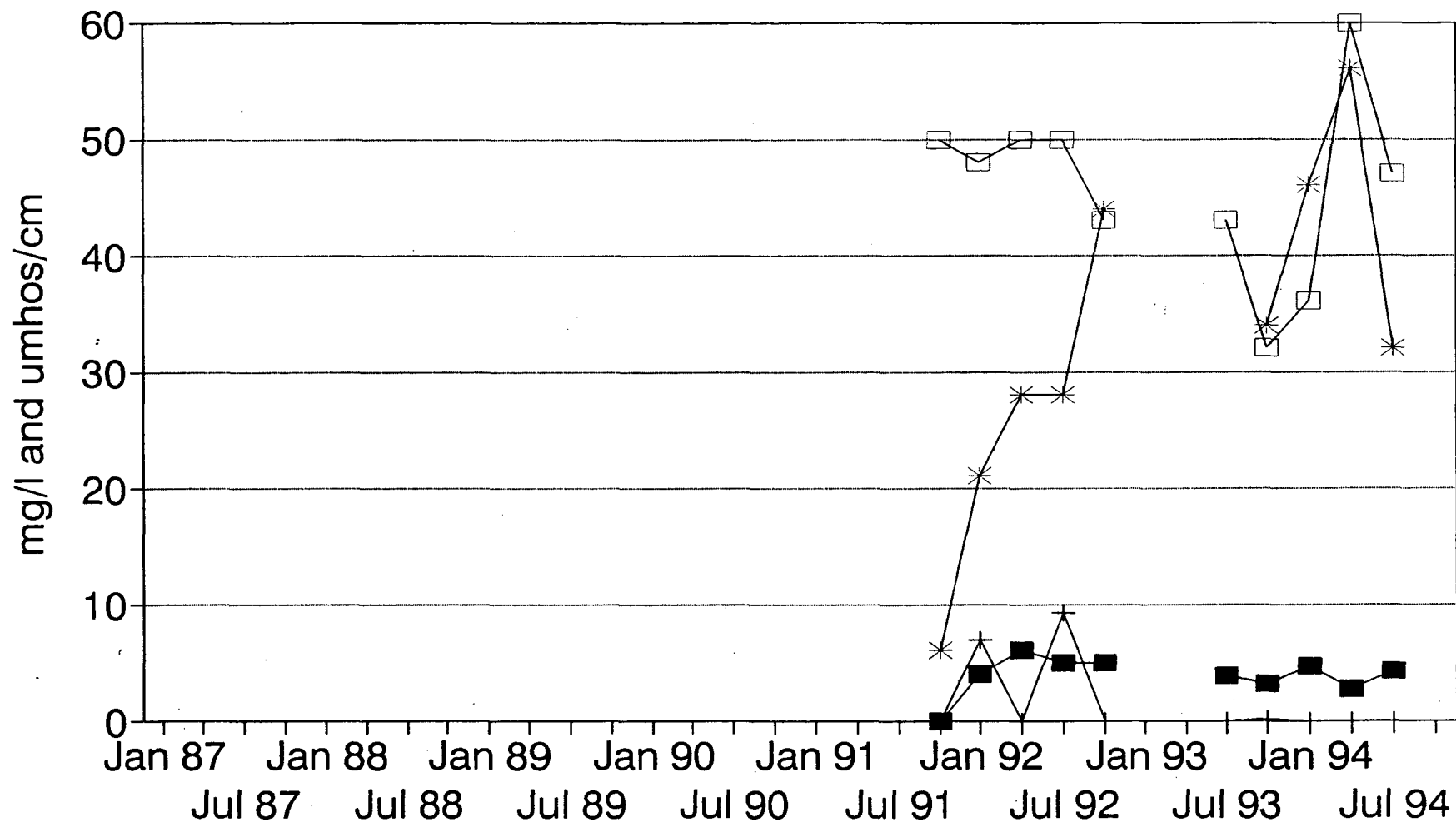


FIGURE 17

MONITORING WELL MW-3

CITRUS COUNTY CENTRAL LANDFILL



—■— Chloride —+— Sulfate —*— TDS —□— Sp. Cond.

FIGURE 18

MONITORING WELL MW-3

CITRUS COUNTY CENTRAL LANDFILL

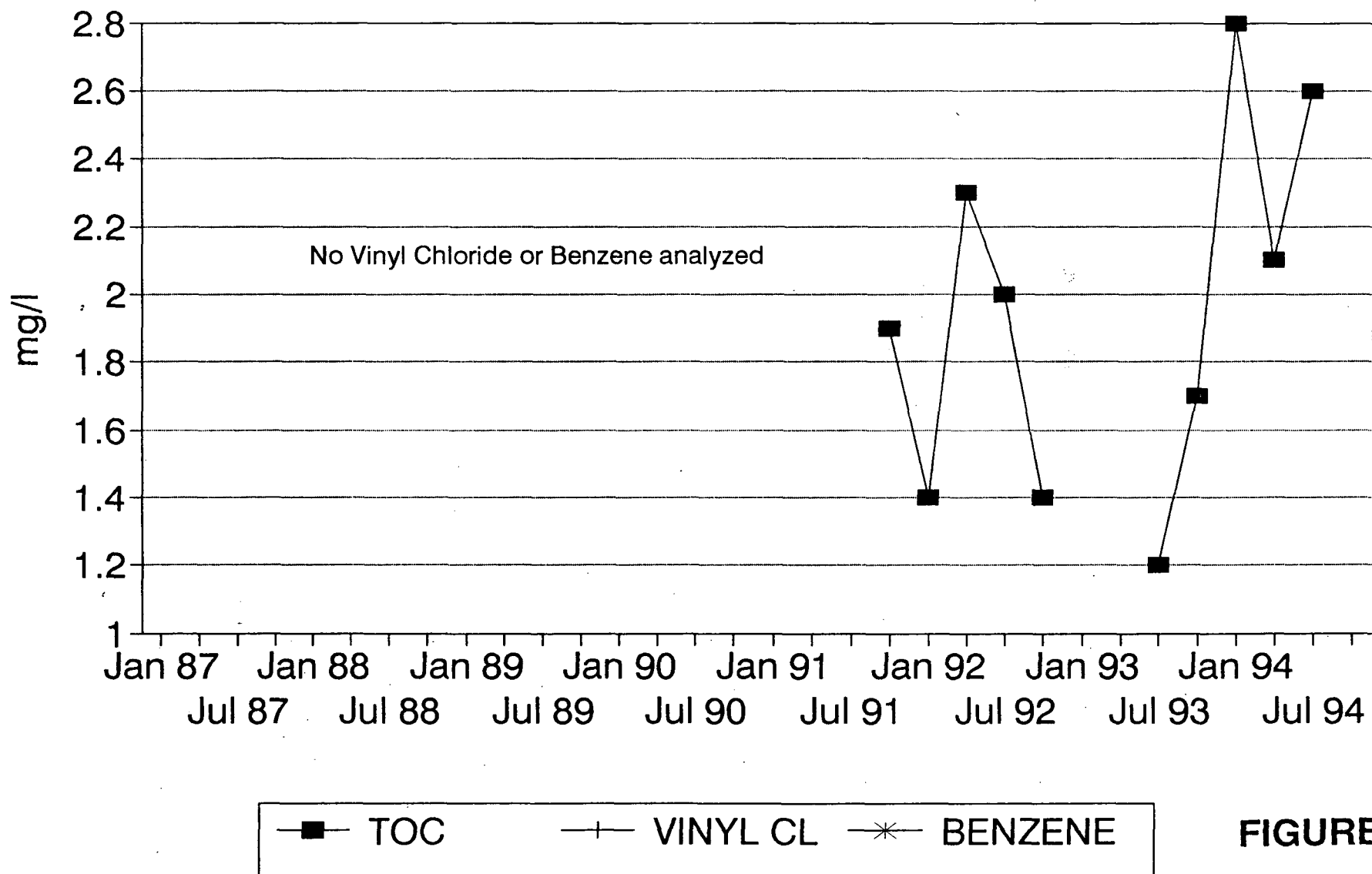
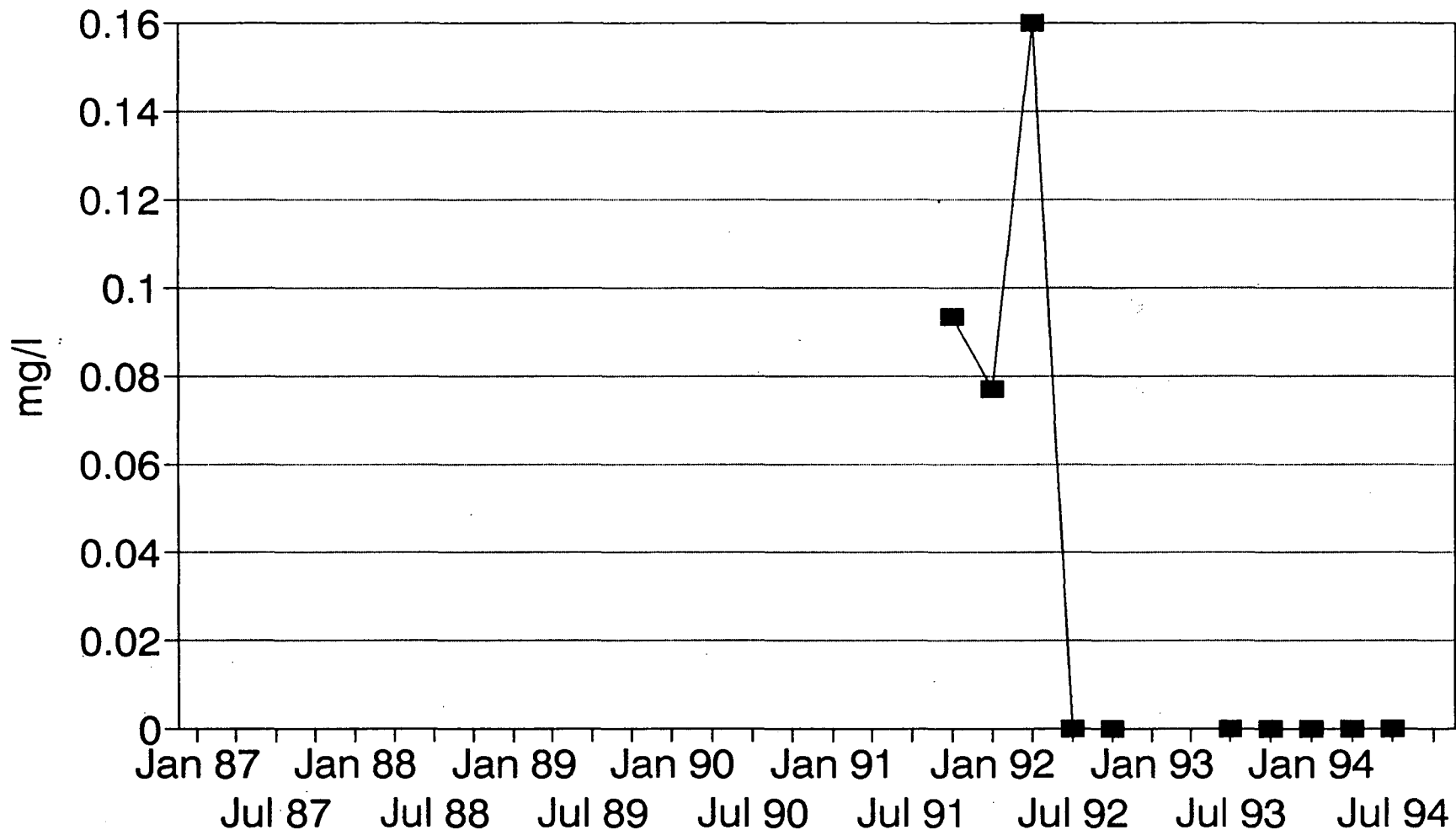


FIGURE 19

MONITORING WELL MW-3

CITRUS COUNTY CENTRAL LANDFILL

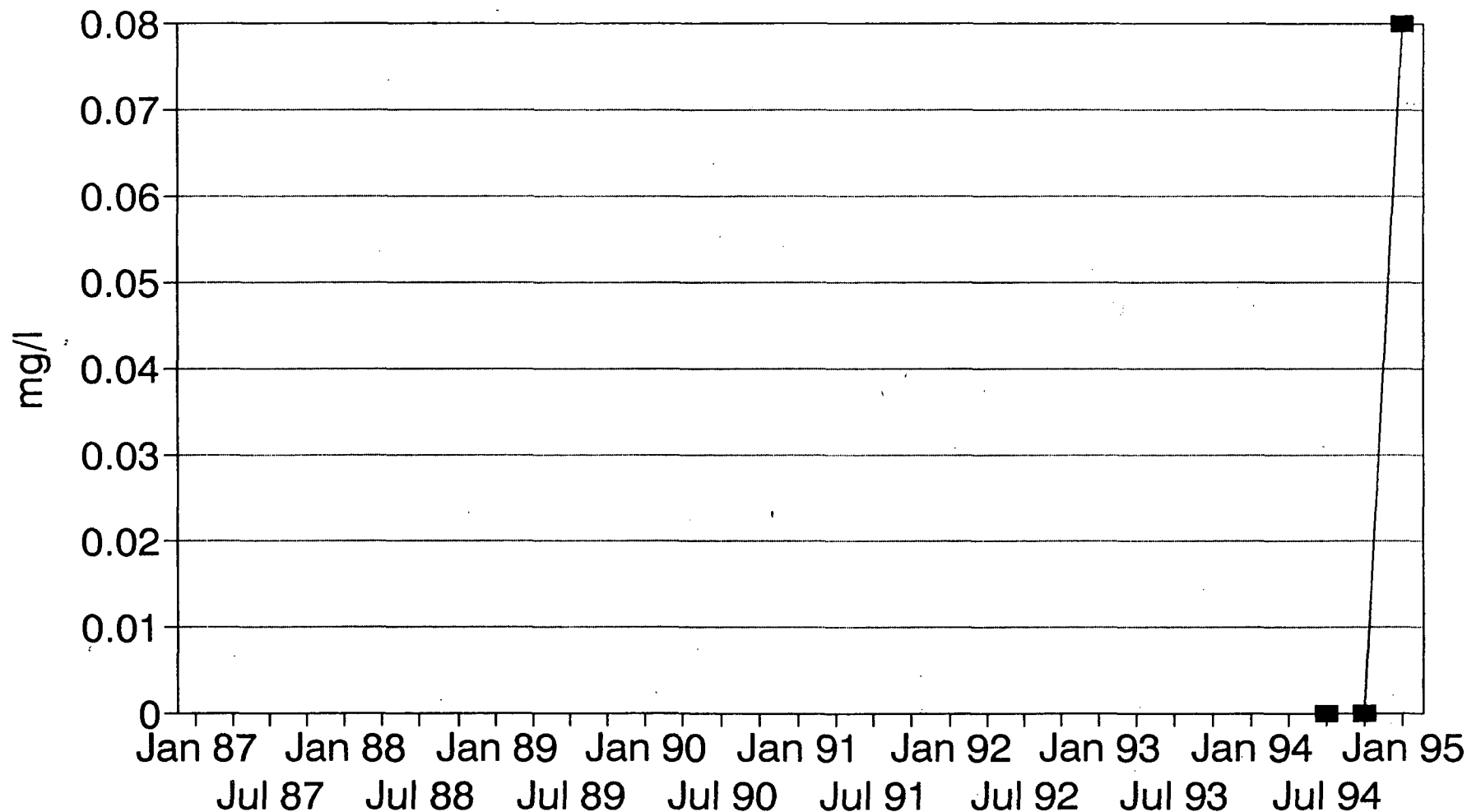


—■— NITRATE-N

FIGURE 20

MONITORING WELL MW-4

CITRUS COUNTY CENTRAL LANDFILL

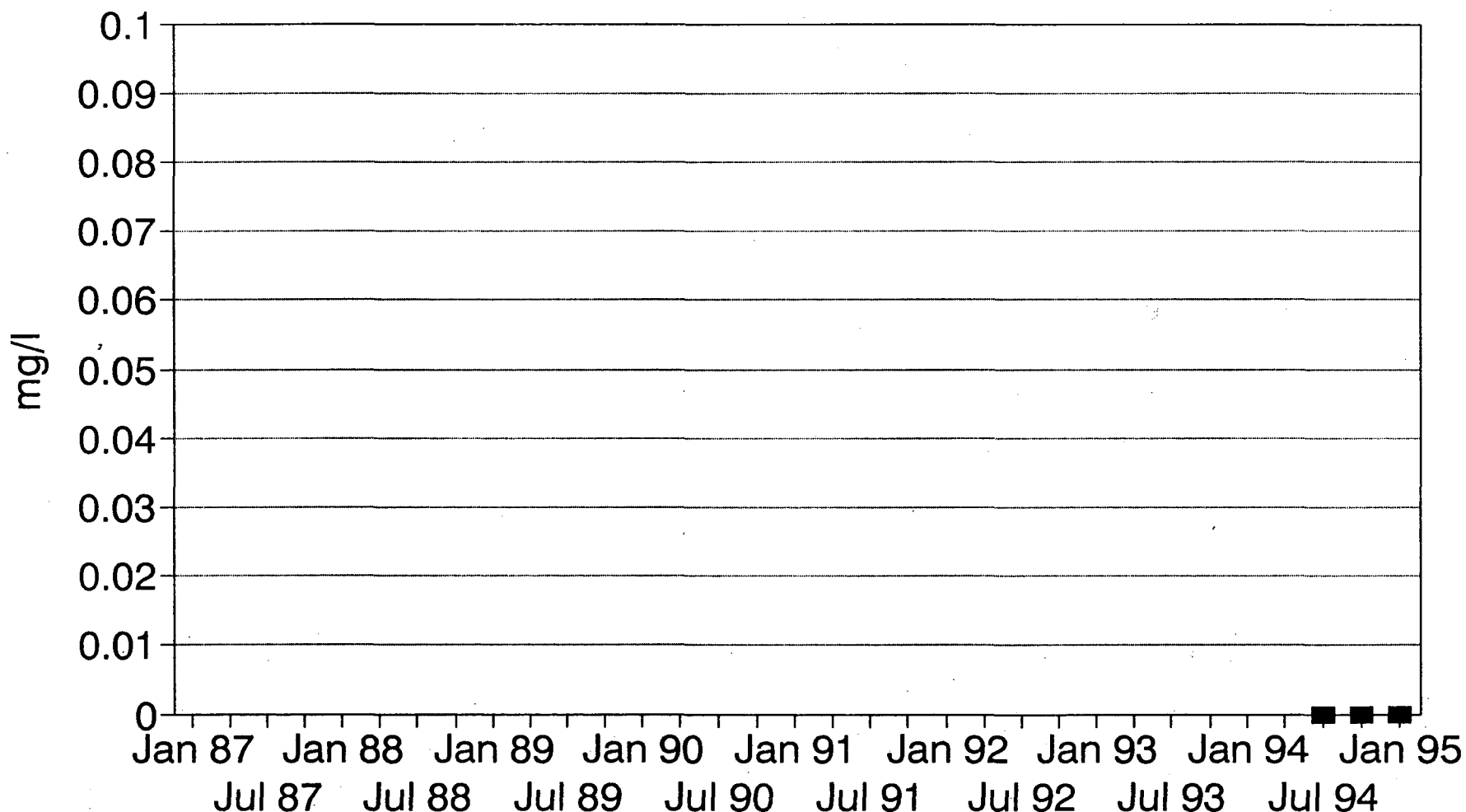


—■— NITRATE-N

FIGURE 21

MONITORING WELL MW-5

CITRUS COUNTY CENTRAL LANDFILL

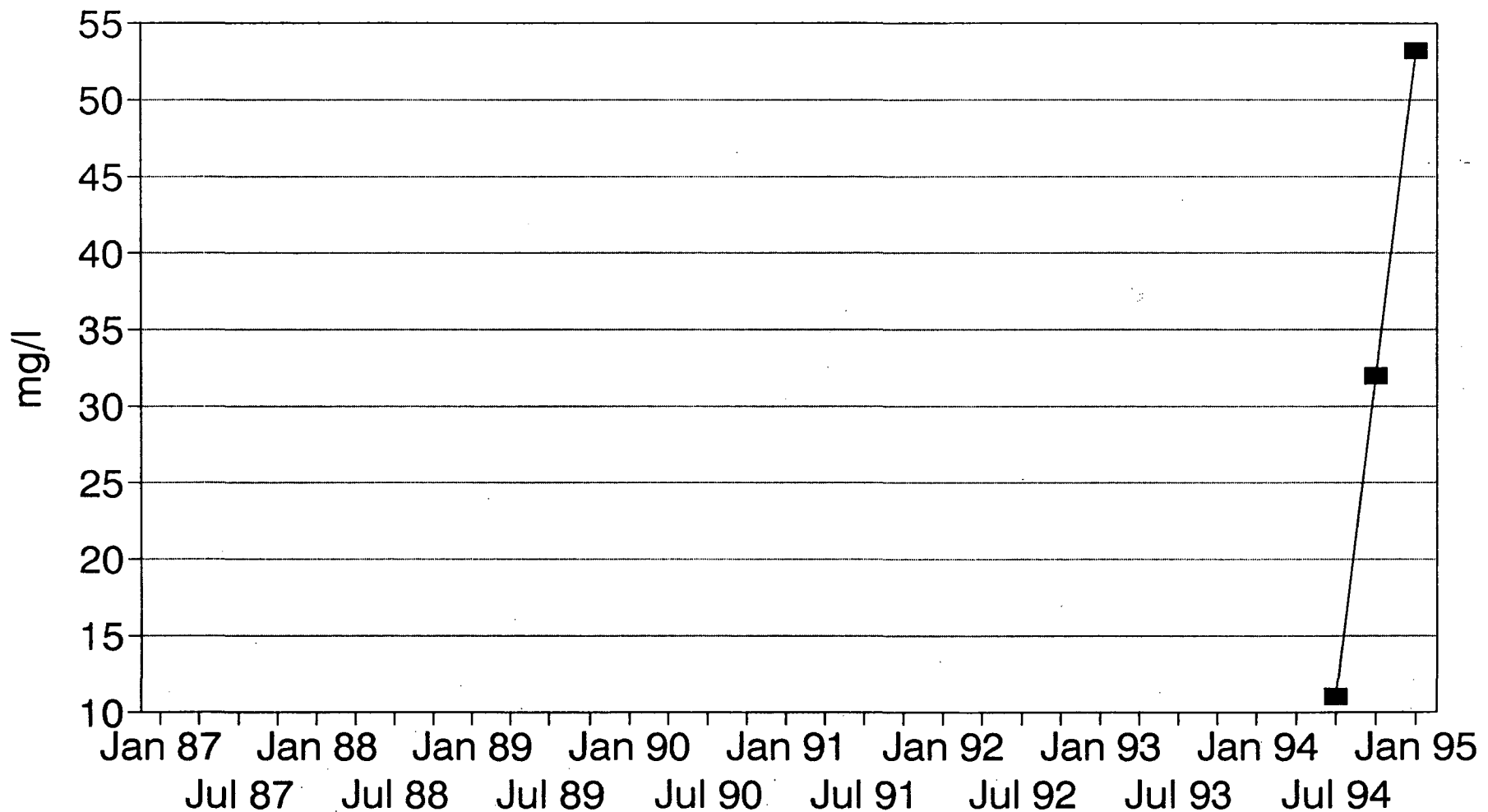


—■— NITRATE-N

FIGURE 22

MONITORING WELL MW-6

CITRUS COUNTY CENTRAL LANDFILL

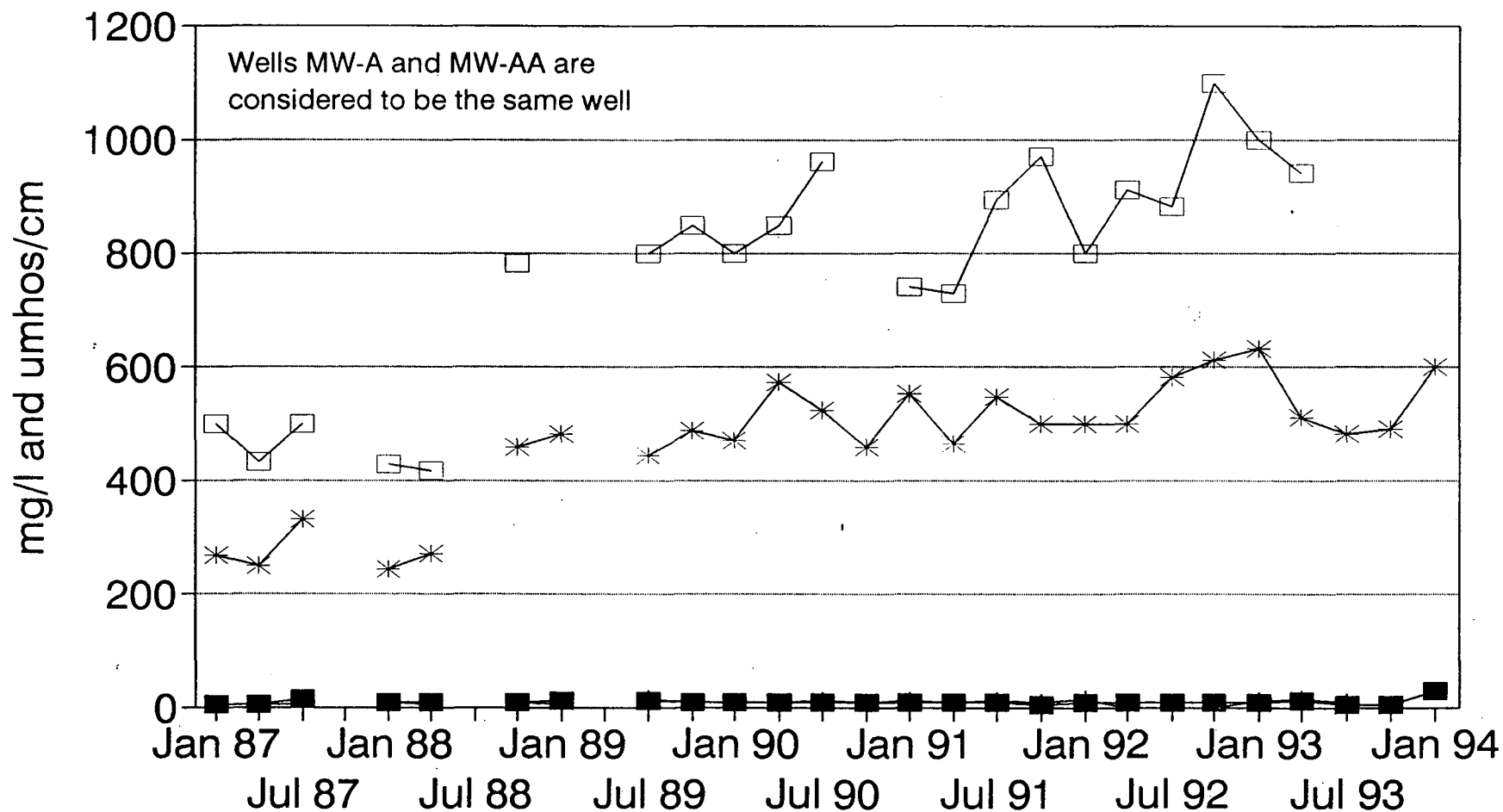


—■— NITRATE-N

FIGURE 23

MONITORING WELL MW-A

CITRUS COUNTY CENTRAL LANDFILL



Chloride
 Sulfate
 TDS
 Sp. cond.

FIGURE 24

MONITORING WELL MW-A

CITRUS COUNTY CENTRAL LANDFILL

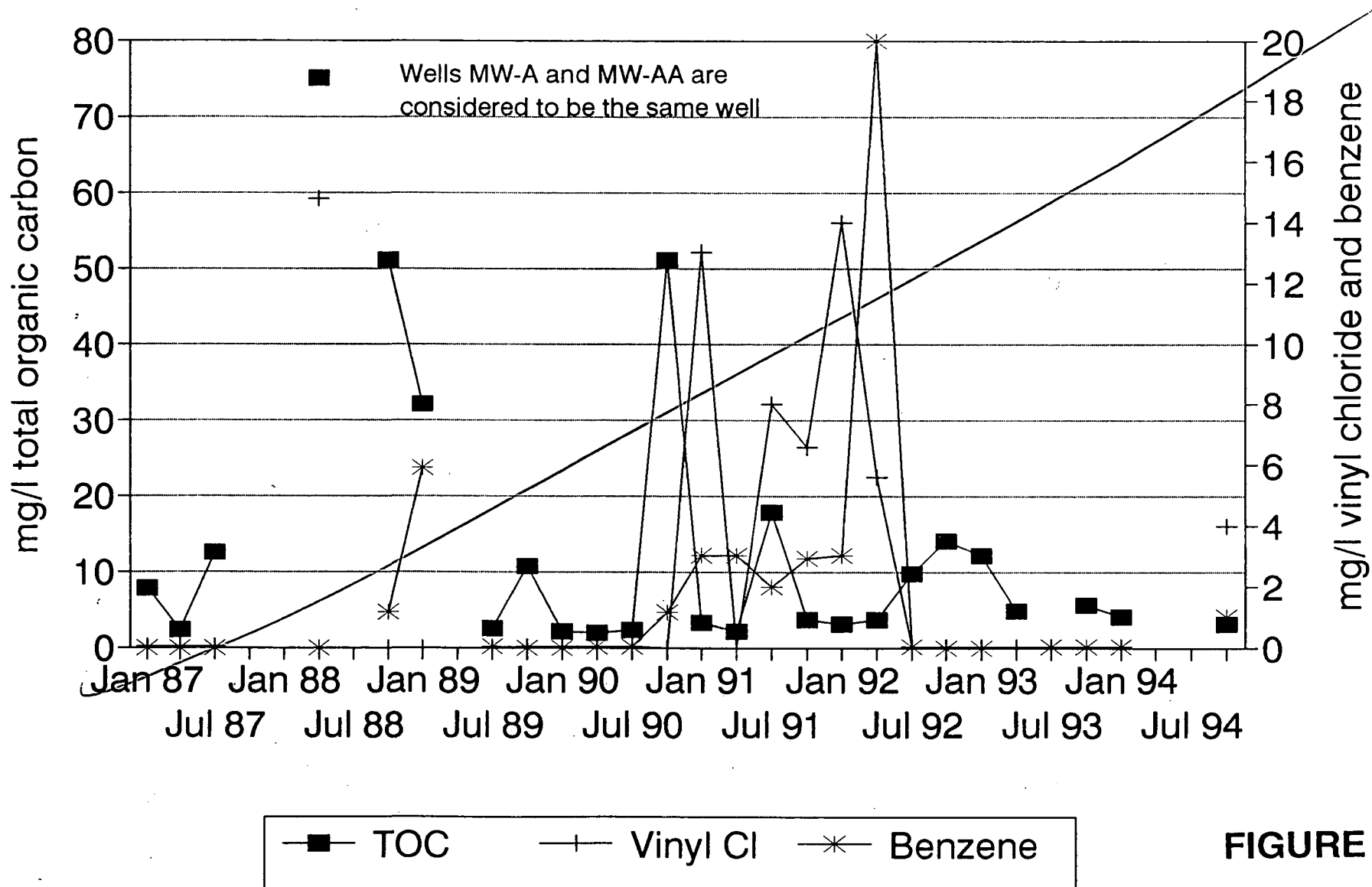


FIGURE 25

MONITORING WELL MW-A

CITRUS COUNTY CENTRAL LANDFILL

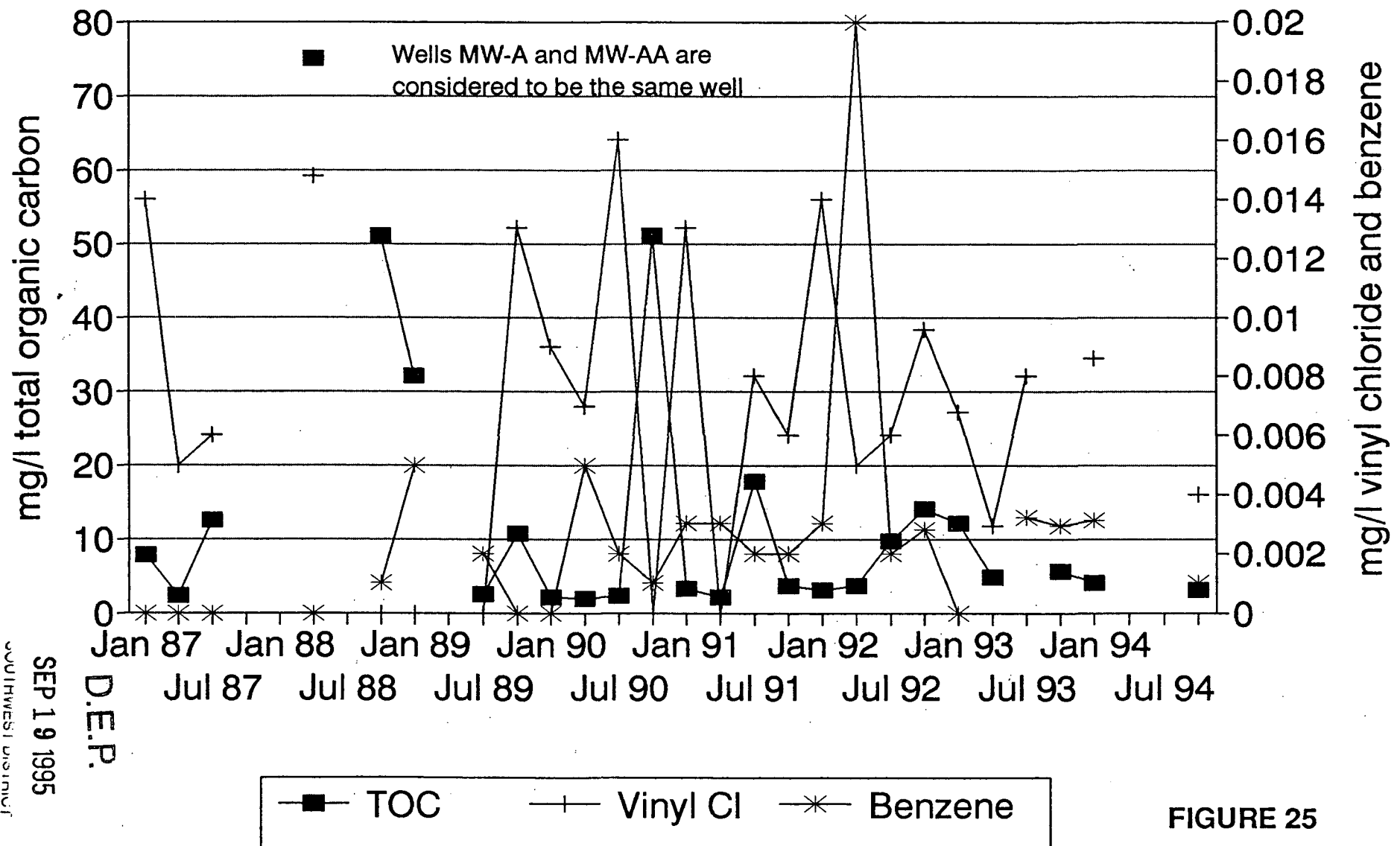


FIGURE 25

MONITORING WELL MW-A

CITRUS COUNTY CENTRAL LANDFILL

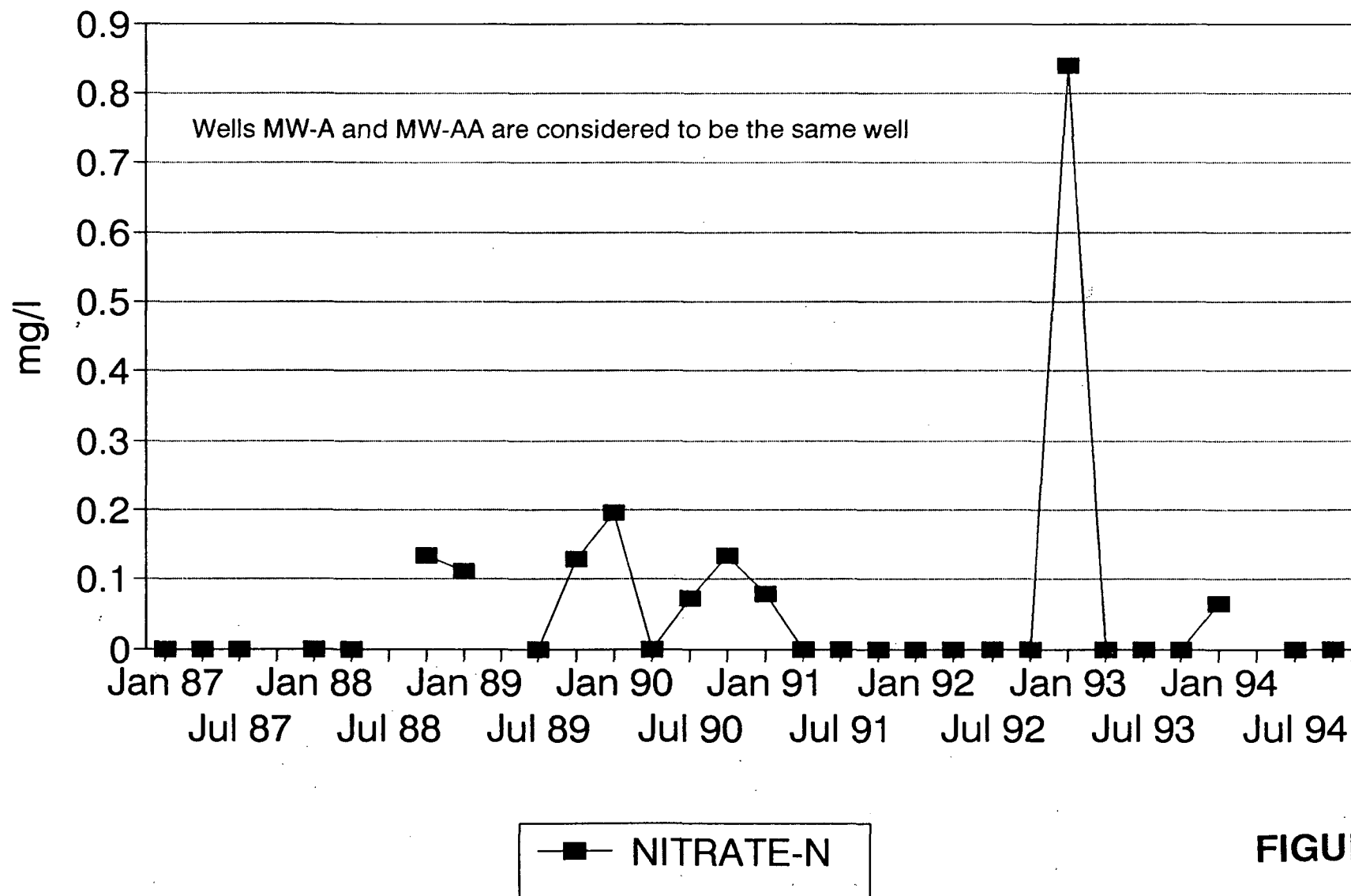
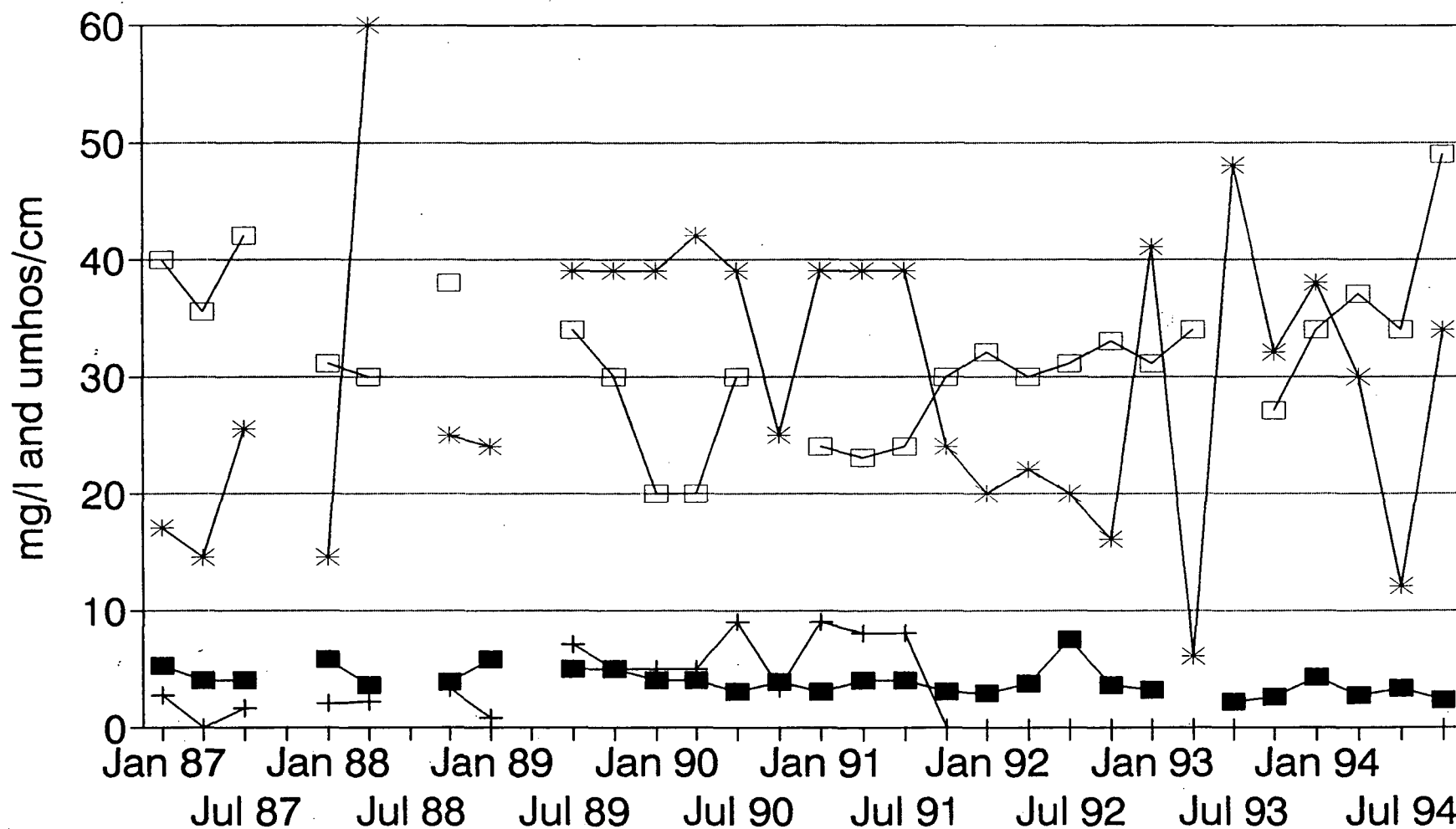


FIGURE 26

MONITORING WELL MW-B

CITRUS COUNTY CENTRAL LANDFILL

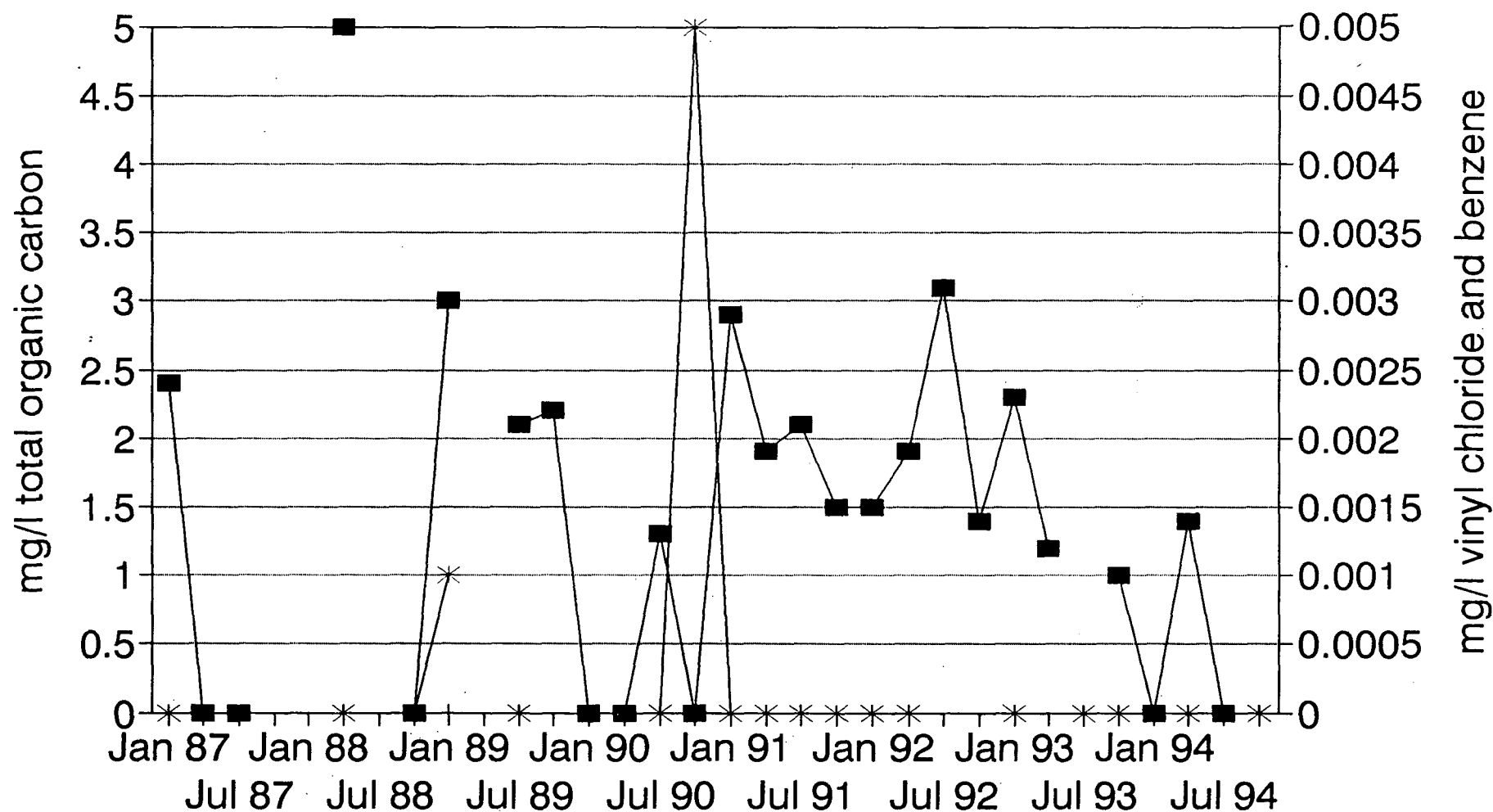


■ Chloride
 + Sulfate
 * TDS
 □ Sp. cond

FIGURE 27

MONITORING WELL MW-B

CITRUS COUNTY CENTRAL LANDFILL



■ TOC + VINYL CL * BENZENE

FIGURE 28

MONITORING WELL MW-B

CITRUS COUNTY CENTRAL LANDFILL

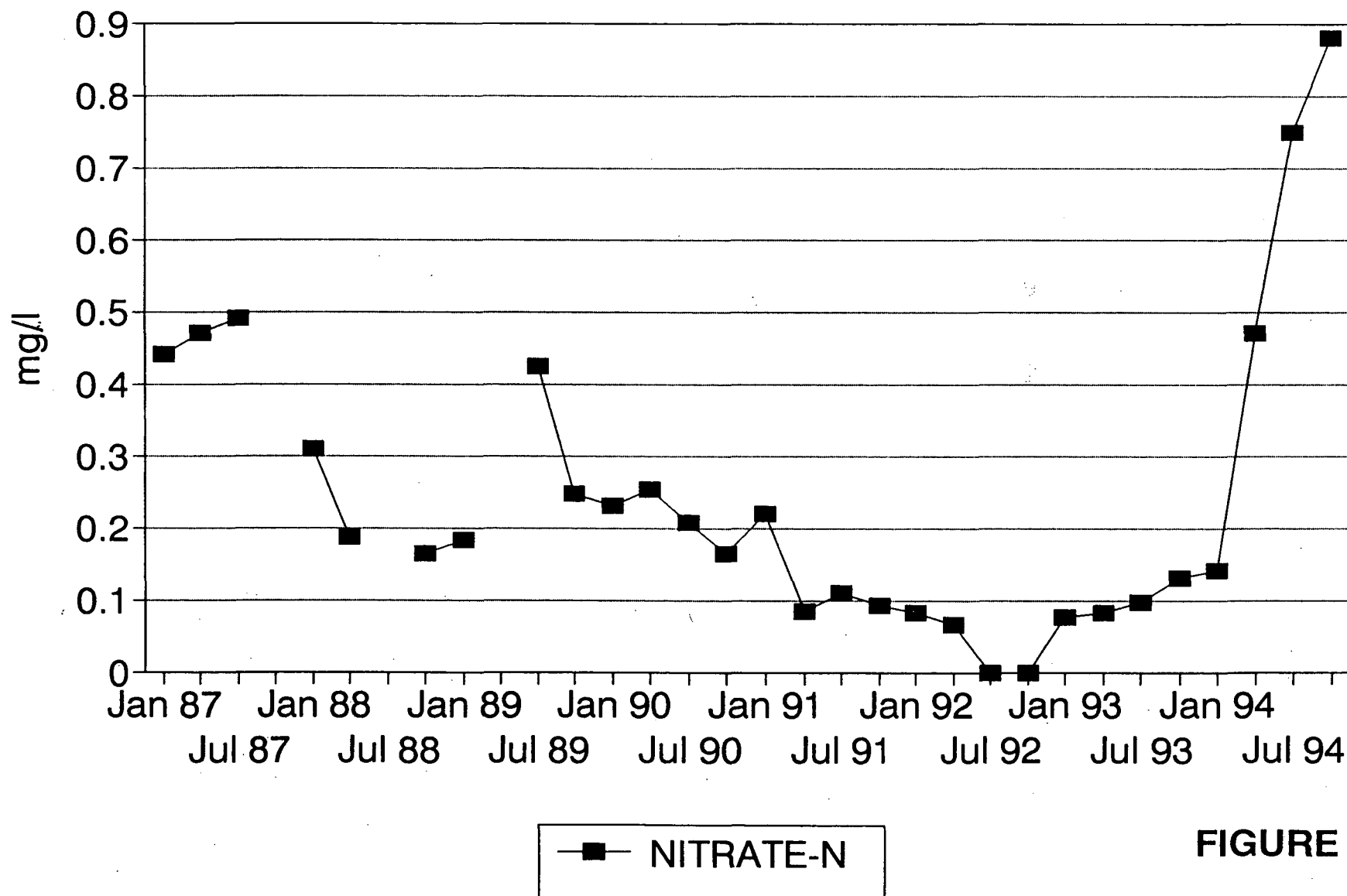
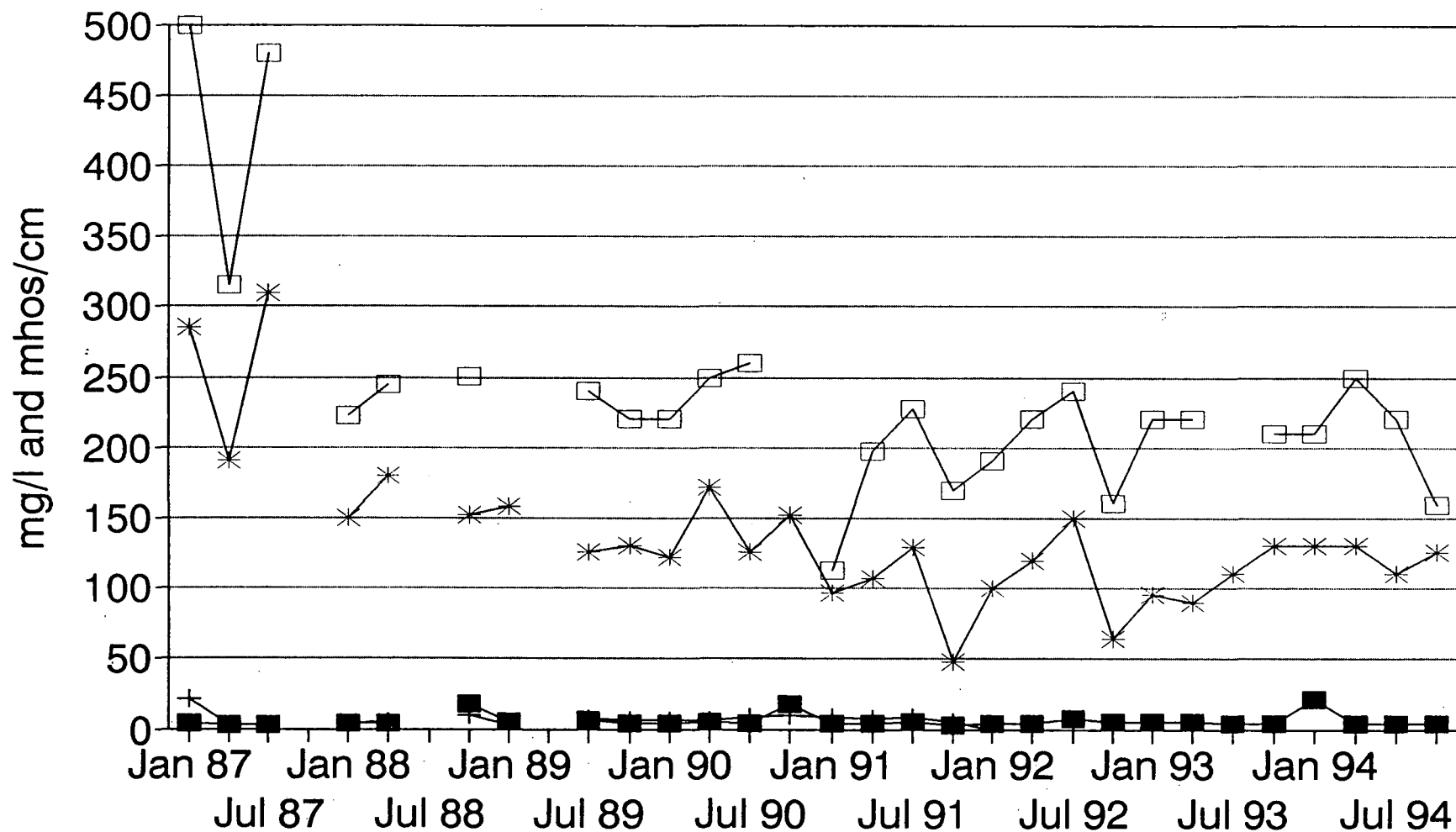


FIGURE 29

MONITORING WELL MW-C

CITRUS COUNTY CENTRAL LANDFILL



■ Chloride + Sulfate * TDS □ Sp. Cond.

FIGURE 30

MONITORING WELL MW-C

CITRUS COUNTY CENTRAL LANDFILL

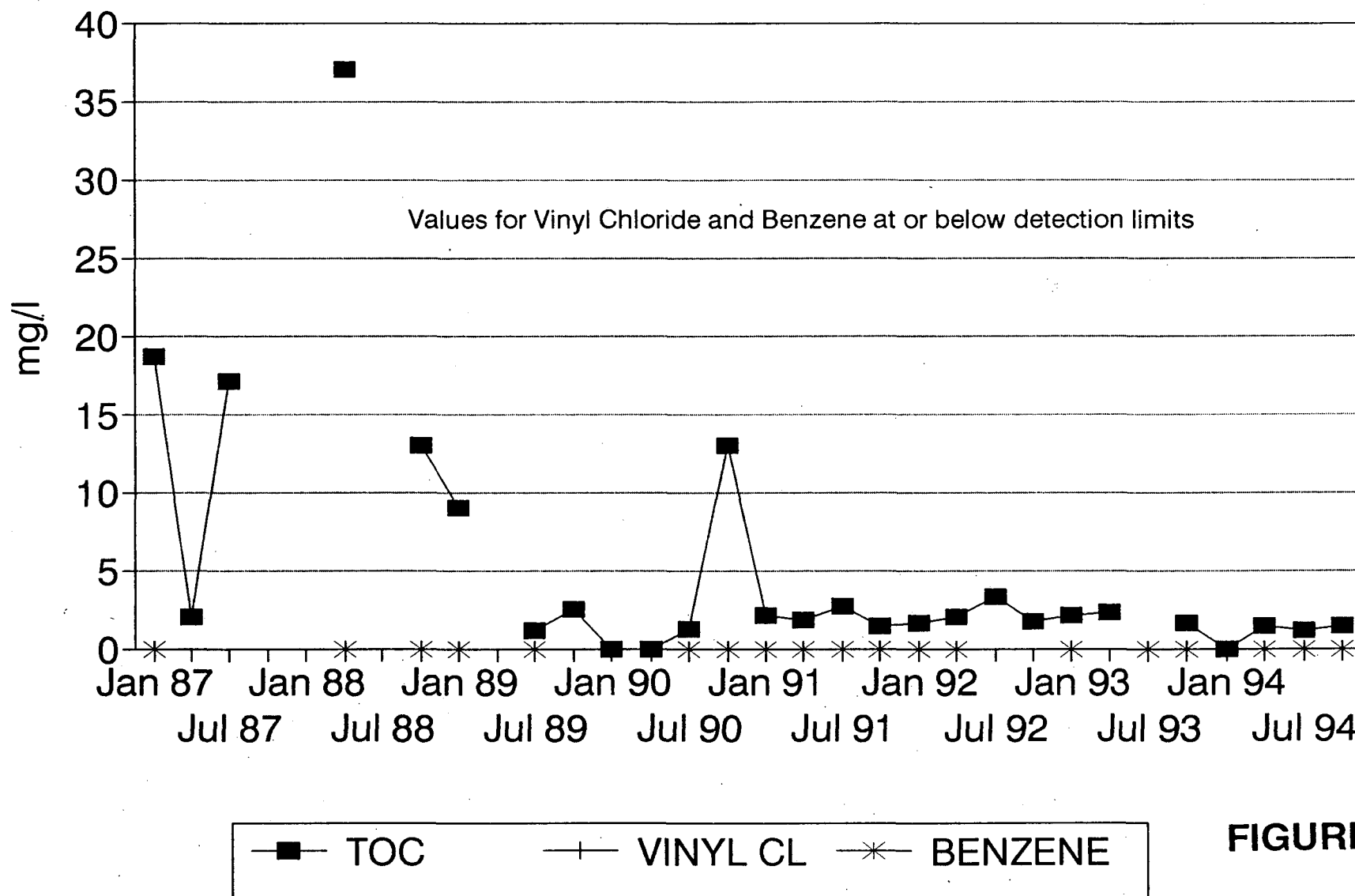


FIGURE 31

MONITORING WELL MW-C

CITRUS COUNTY CENTRAL LANDFILL

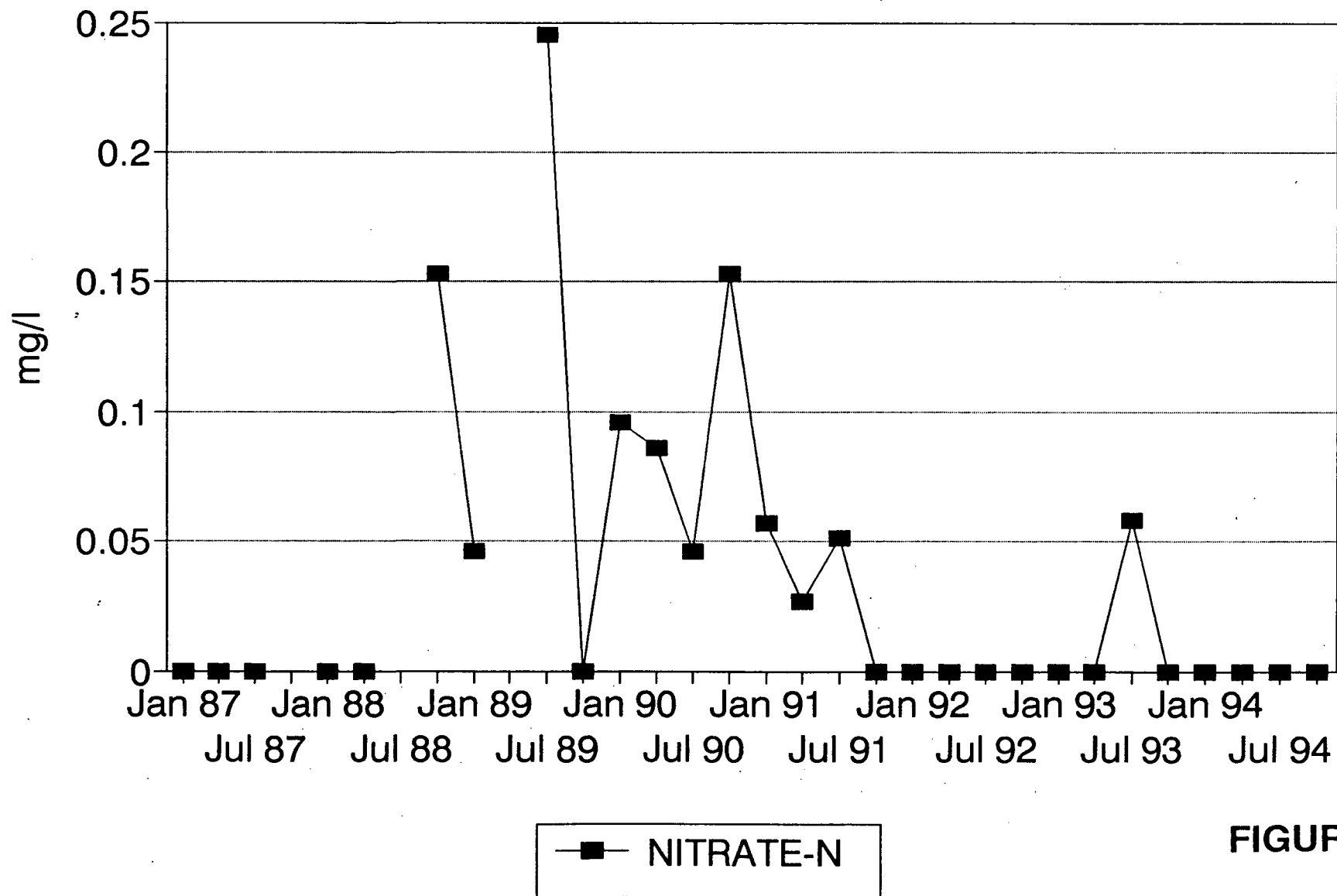
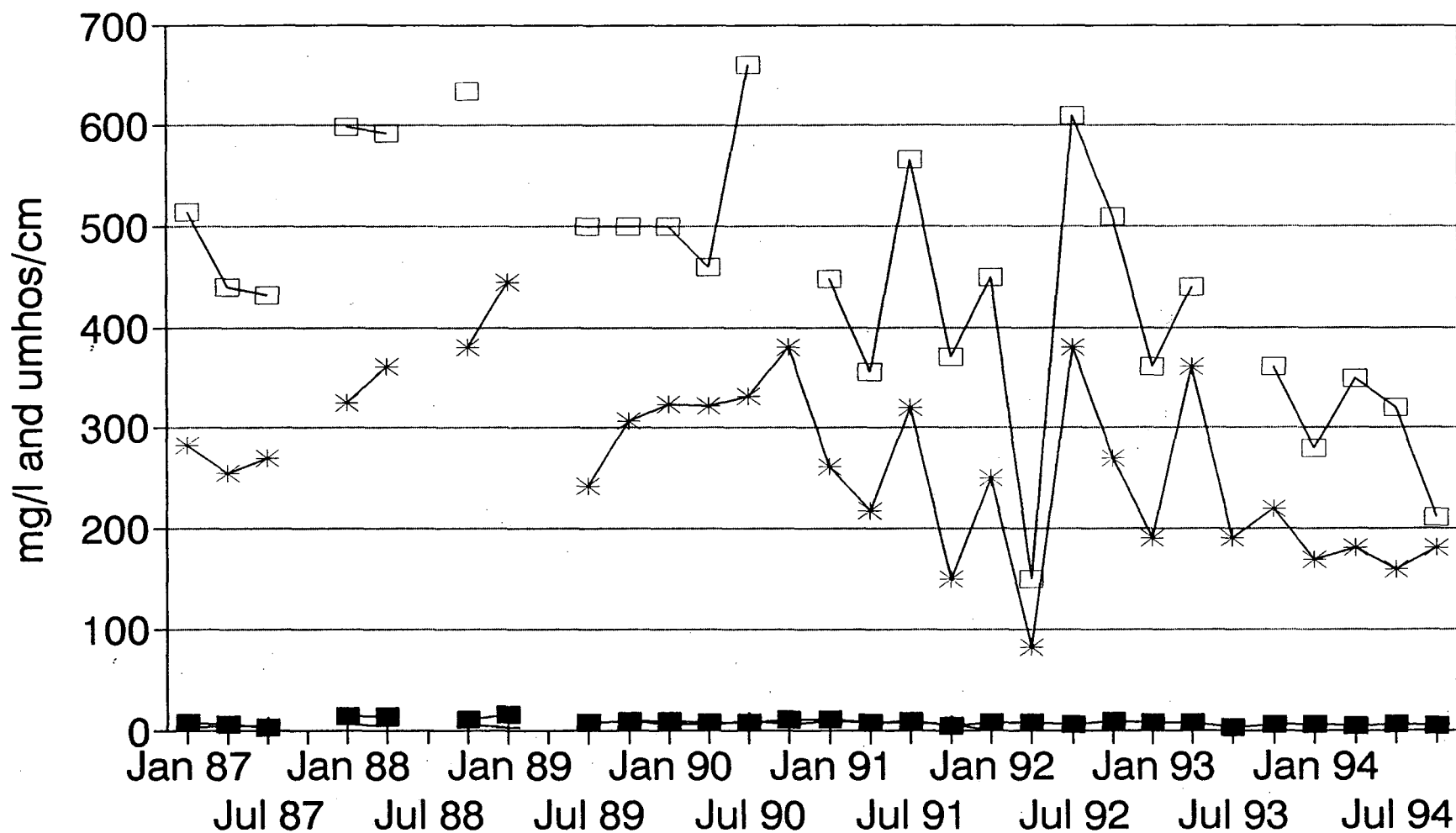


FIGURE 32

MONITORING WELL MW-D

CITRUS COUNTY CENTRAL LANDFILL

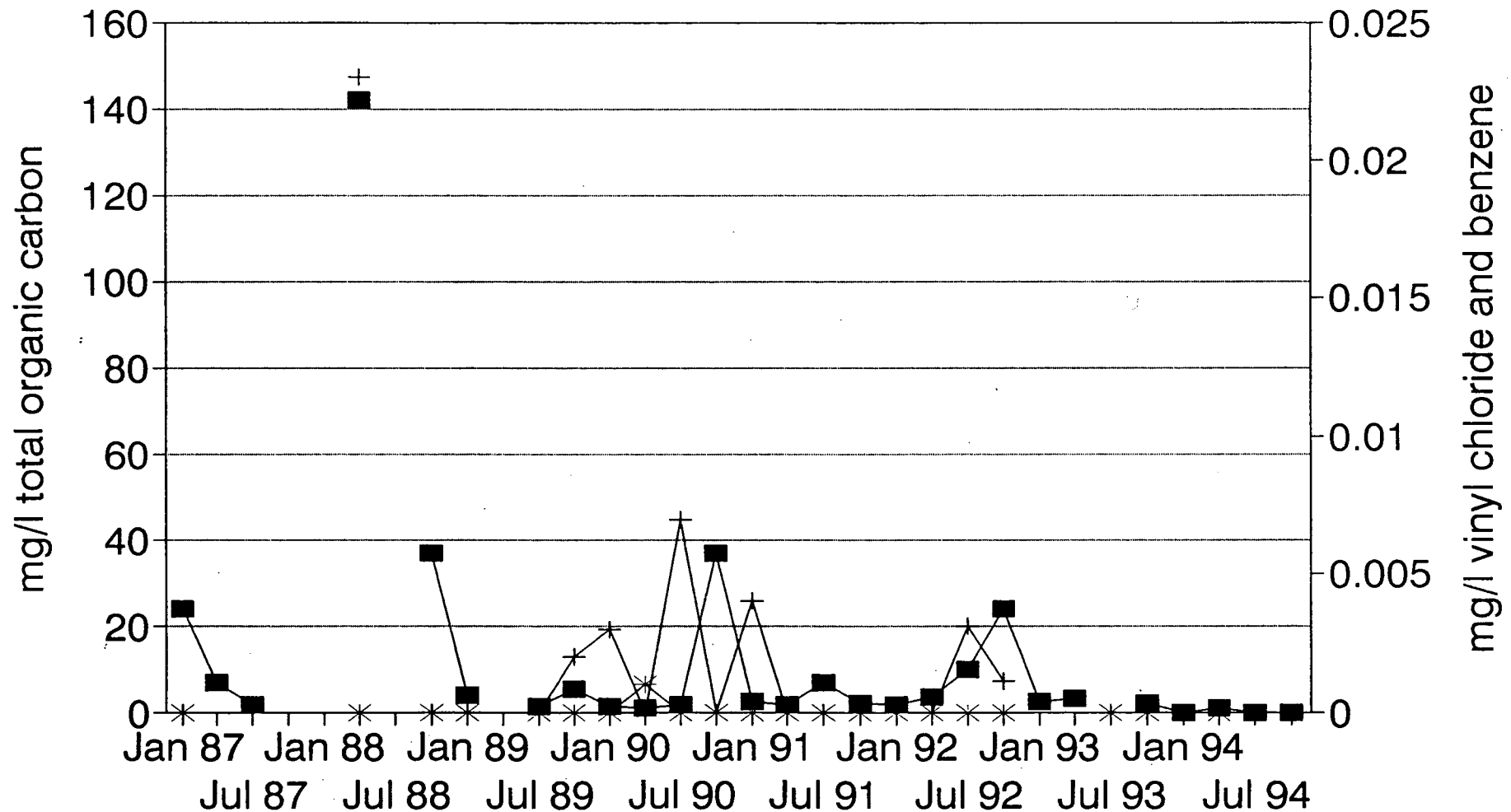


■ Chloride
 + Sulfate
 * TDS
 □ Sp. Cond.

FIGURE 33

MONITORING WELL MW-D

CITRUS COUNTY CENTRAL LANDFILL

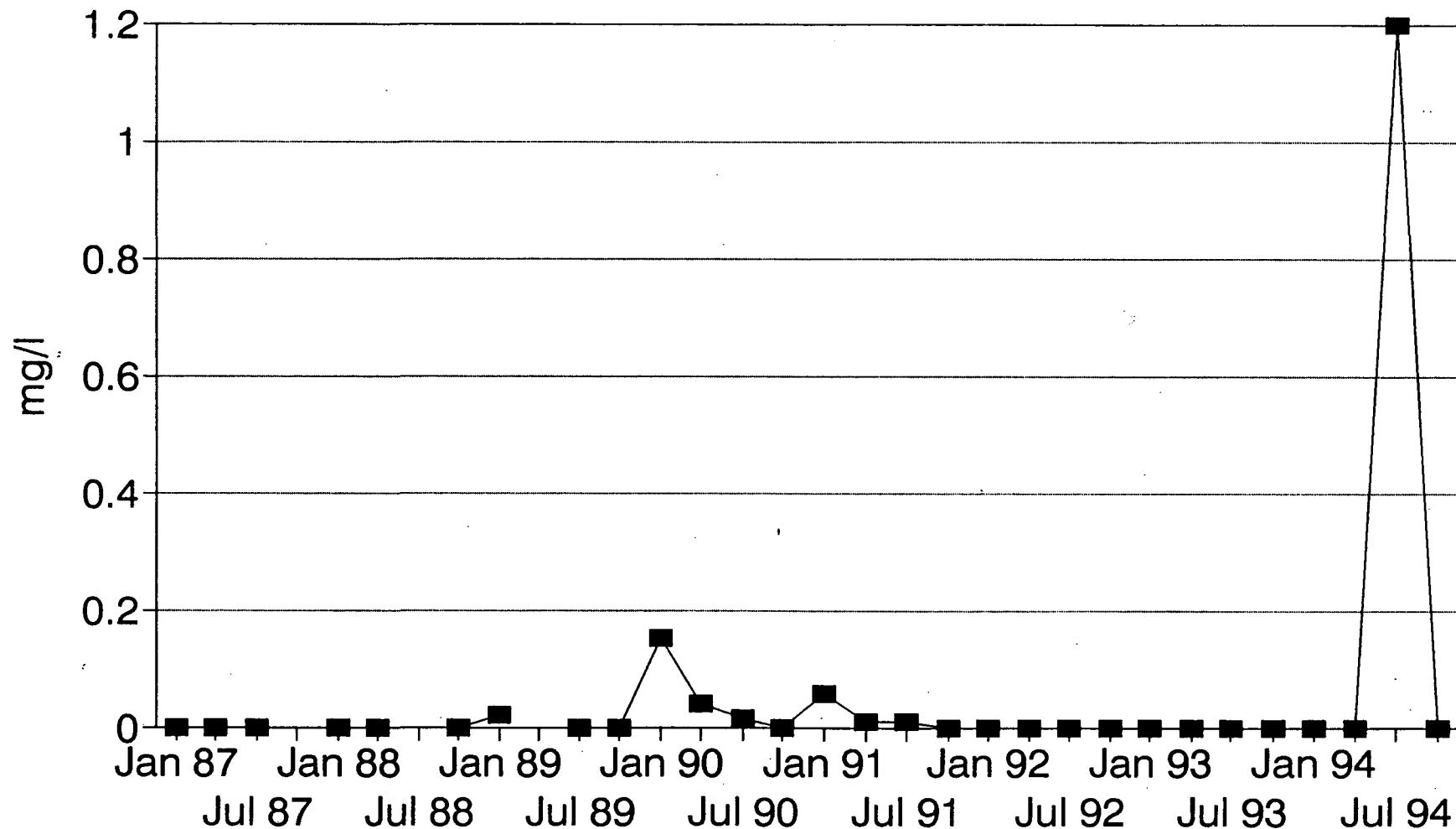


—■— TOC —+— VINYL CL —*— BENZENE

FIGURE 34

MONITORING WELL MW-D

CITRUS COUNTY CENTRAL LANDFILL



—■— NITRATE-N

FIGURE 35

Background and/or upgradient monitoring wells MW-1 (now MW-1R), MW-2, MW-3 and MW-B show generally low values for the "indicator" parameters. Initial values tended to be higher, probably due to well installation processes. This commonly occurs until the monitoring well adjusts to its new environment. Monitoring well MW-B does seem to show gradual rise in nitrate-N since January 1994, but well below the standard of 10 mg/l (Figure 29).

Downgradient monitoring wells (MW-A [now MW-AA], MW-C, and MW-D) show a wide range of response to the indicator parameters. In monitoring well MW-A, due west of the 60-acre site, the response has been a slight rise in total dissolved solids, specific conductivity, and, generally, total organic carbon (TOC) (Figures 24-26). Benzene has also risen in the well.

Monitoring well MW-C, located at the southwest corner of the 60-acre site, shows a general decline in all of the indicator parameters (Figures 30-32). Monitoring well MW-D also shows a similar long-term decline (Figures 33-35).

Only one of the three monitoring wells for the leachate percolation ponds has responded to the discharge of effluent. Downgradient monitoring well MW-6 shows a rise in nitrate-N content to 53.2 mg/l on January 4, 1995. This well also contained 748 mg/l TDS.

An additional parameter monitored in the monitoring wells was turbidity (Figure 36 through 42). Despite numerous attempts to develop and re-develop these wells, the turbidity tends to be elevated. Purging of the monitor wells with a bailer is, apparently, forcefully agitating the sediments in the screened interval around the well, such that turbidity results.

Inspection of the top of the Floridan aquifer in the field, in nearby sand pits in Inverness, reveals a possible cause for this turbidity. The upper portion of the Suwannee Limestone is intensely weathered and contains considerable clay (kaolinite). Heavy metals are likely to be naturally attached to this clay; preservation of unfiltered groundwater samples with acid releases metals to the water to be analyzed. This tends to give false positives for these substances. It is recommended that water samples for metals/radionuclides analysis for these wells should be filtered in the field using a 1 micron disposable filter.

3.6.2 LEACHATE MONITORING RESULTS

3.6.2.1 Leachate Effluent Monitoring

Figures 43 through 45 present long-term leachate effluent quality as indicated by certain key parameters. Figure 43 shows the concentration of nitrate-N in the leachate over approximately three years. It should be noted that the results indicated are not from

Background and/or upgradient monitoring wells MW-1 (MW-1R), MW-2, MW-3 and MW-B show low values for "indicator" parameters. Initial values tend to be higher, due to well installation processes. This commonly occurs until the new well adjusts to its new environment. Monitoring well MW-B seems to show a gradual rise in nitrate-N since January 1994, well below the standard of 10 mg/l (Figure 29).

Downgradient monitoring wells (MW-A [now MW-AA], MW-C, and MW-D) show a wide range of response to the indicator parameters. In monitoring well MW-A there has been a slight rise in TDS, specific conductivity, and, generally, total organic carbon (TOC) (Figures 24-26). Benzene has also risen in the well.

Monitoring well MW-C, located at the southwest corner of the 60-acre site, shows a general decline in all of the indicator parameters (Figures 30-32). Monitoring well MW-D also shows a similar long-term decline (Figures 33-35).

Only one of the three monitoring wells for the leachate percolation ponds has responded to the discharge of effluent. Downgradient monitoring well MW-6 shows a rise in nitrate-N content to 53.2 mg/l on January 4, 1995. This well also contained 748 mg/l TDS.

An additional parameter monitored was turbidity (Figures 36 through 42). Despite attempts to develop and re-develop surficial aquifer and Floridan aquifer wells, turbidity remains elevated. Monitor well bailer-purging forcefully agitates sediments in the screened interval, increasing turbidity. Water samples for metals analysis for the surficial aquifer wells should be filtered in the field using a 1 micron disposable filter, in accordance with the FDEP Technical Document Determining Representative Ground Water Samples, Filtered or Unfiltered, January 1994 .

Inspection of the top of the Floridan aquifer in nearby sand pits in Inverness, reveals a cause for the turbidity in the limestone wells (MW-C and MW-D). The upper portion of the Suwannee Limestone is intensely weathered, containing considerable clay (kaolinite). Heavy metals are likely attached to this clay; preservation of unfiltered groundwater samples with acid releases metals to the sample. This tends to give false positives for these substances. However, as these wells monitor the Floridan aquifer, a source of public supply, both filtered and unfiltered samples will be taken.

3.6.2 LEACHATE MONITORING RESULTS

3.6.2.1 Leachate Effluent Monitoring

Figures 43 through 45 present long-term leachate effluent quality as indicated by certain key parameters. Figure 43 shows the concentration of nitrate-N in the leachate over approximately three years. It should be noted that the results indicated are not from

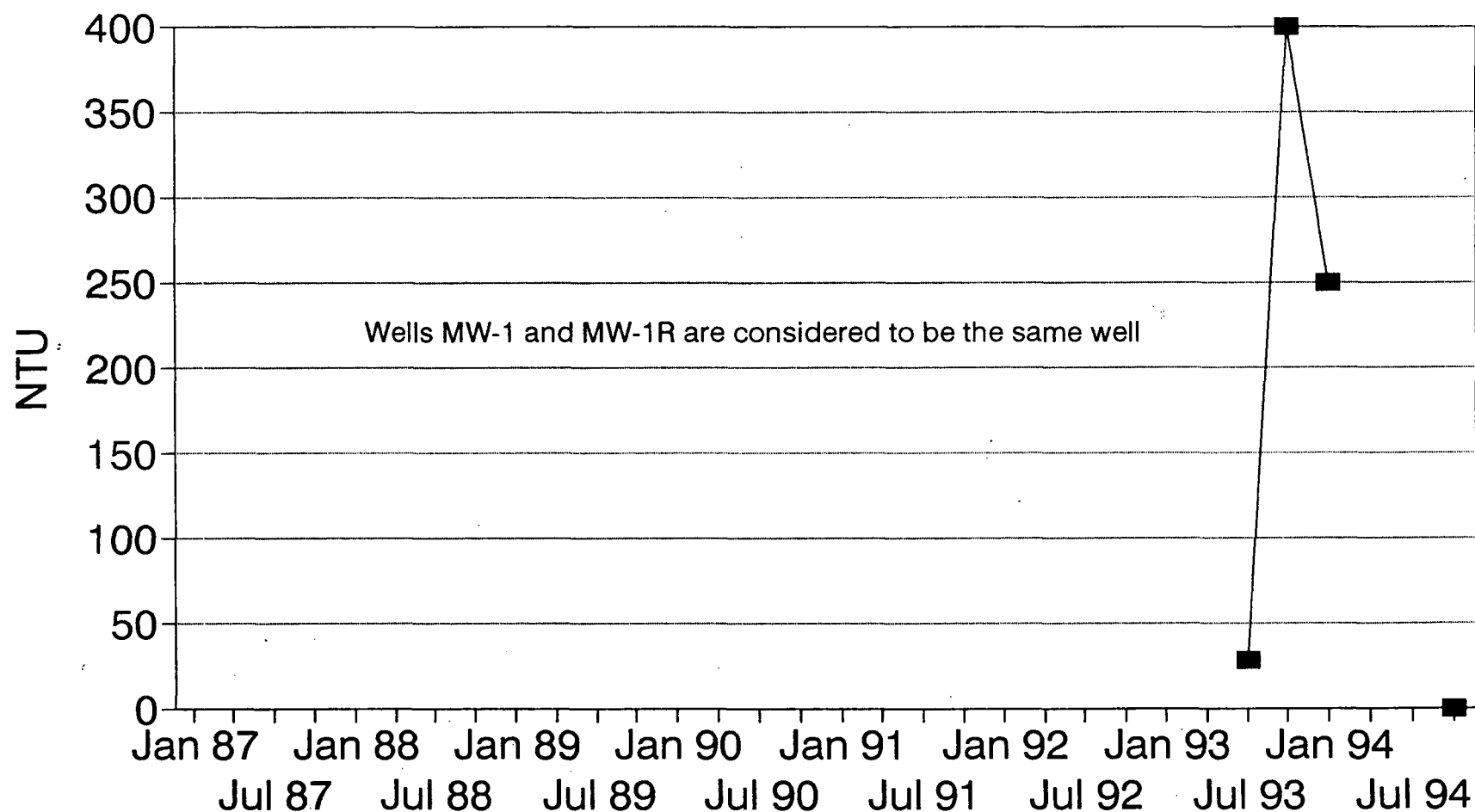
D.E.P.

SEP 19 1995

SOUTHWEST DISTRICT
TAMPA

MONITORING WELL MW-1

CITRUS COUNTY CENTRAL LANDFILL

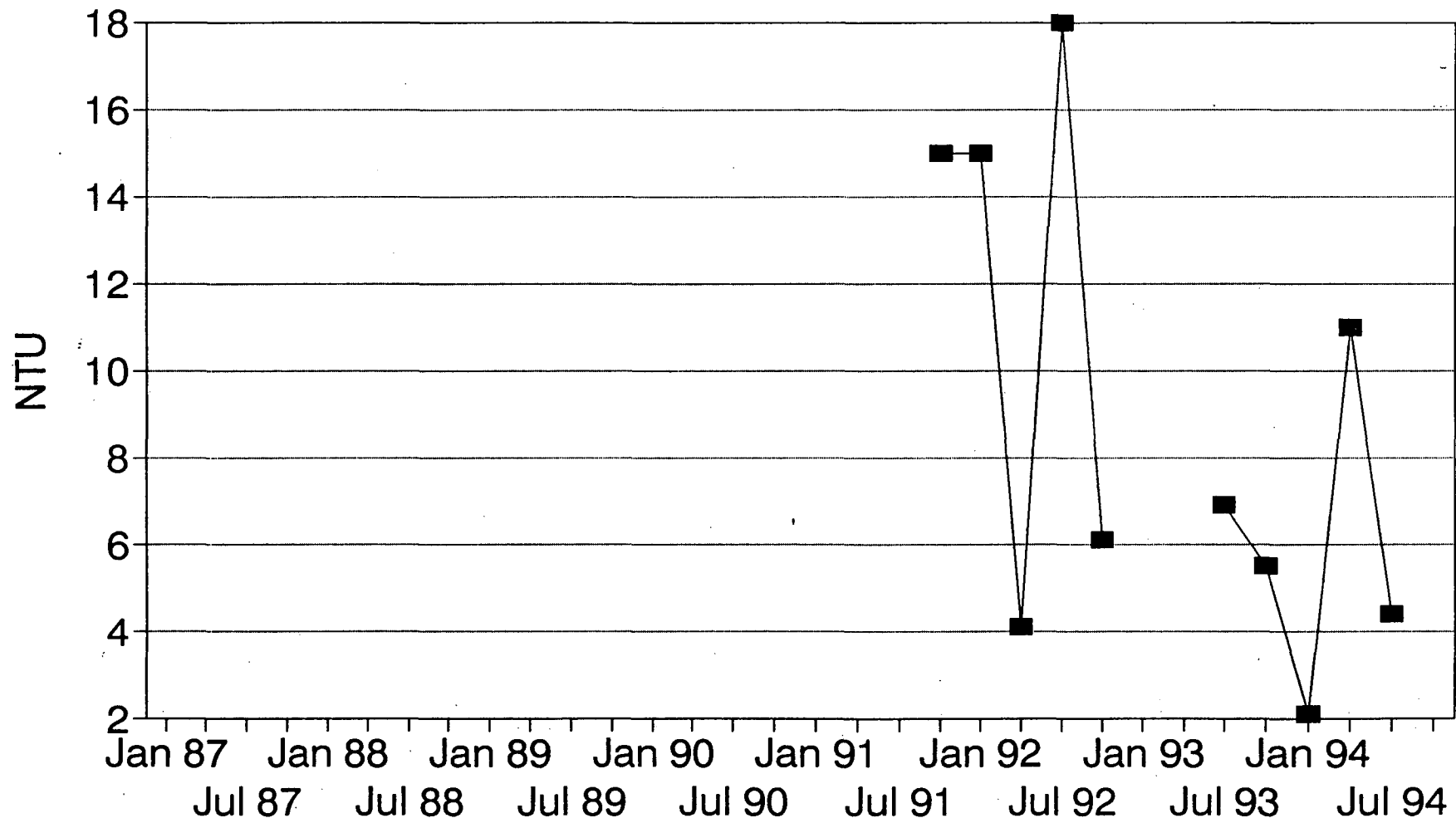


—■— TURBIDITY

FIGURE 36

MONITORING WELL MW-2

CITRUS COUNTY CENTRAL LANDFILL

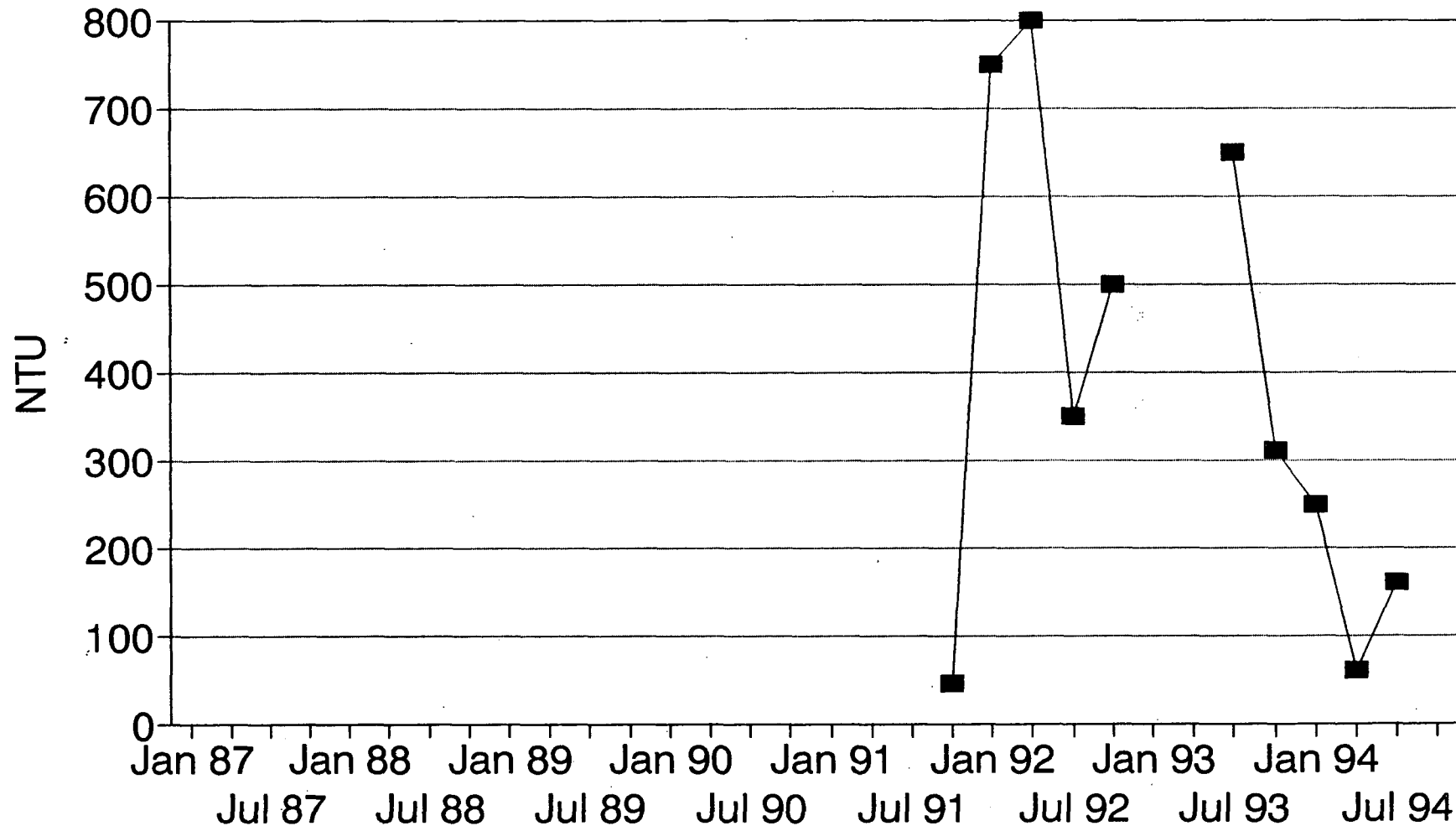


—■— TURBIDITY

FIGURE 37

MONITORING WELL MW-3

CITRUS COUNTY CENTRAL LANDFILL



—■— TURBIDITY

FIGURE 38

MONITORING WELL MW-A

CITRUS COUNTY CENTRAL LANDFILL

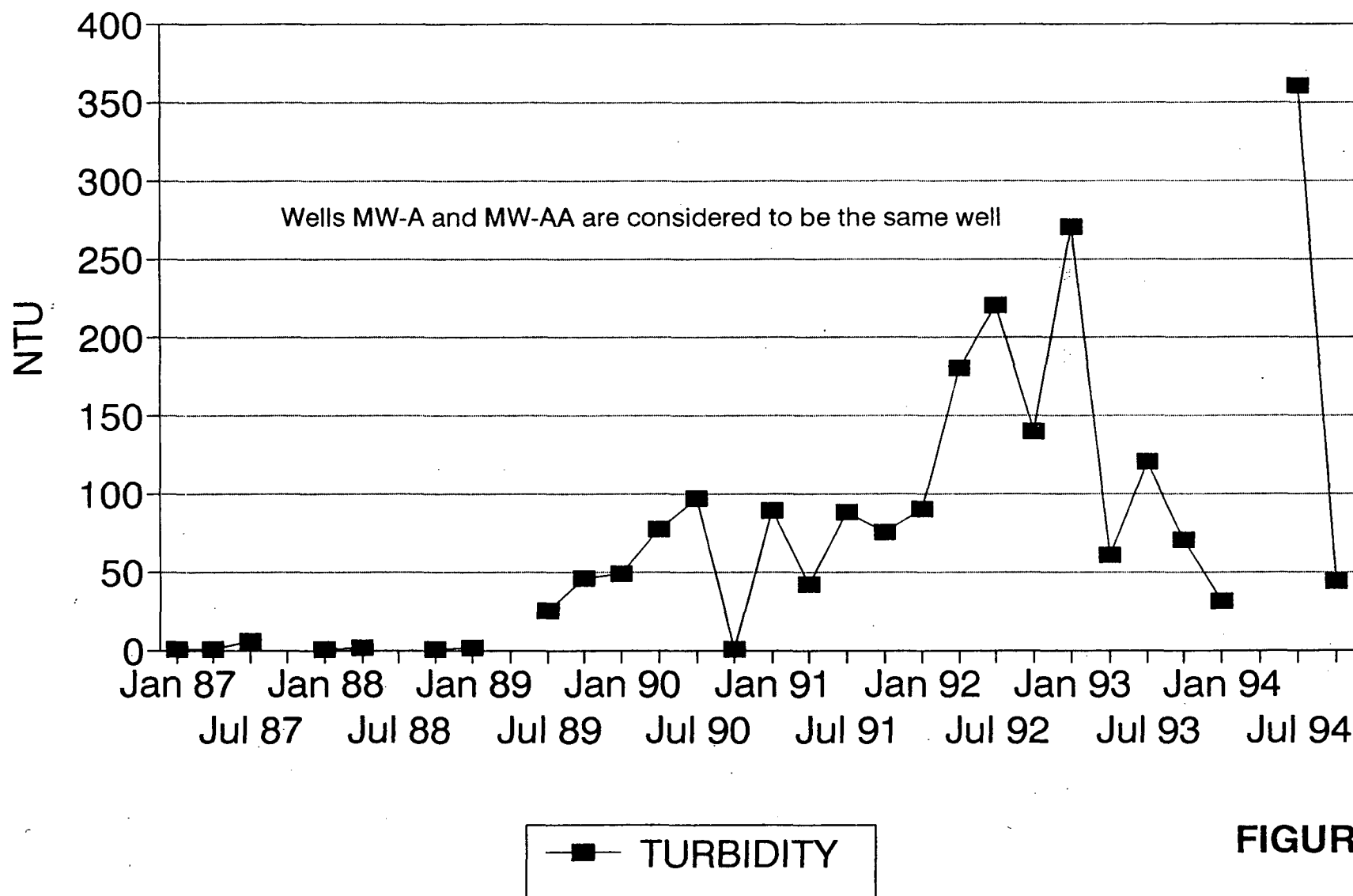


FIGURE 39

MONITORING WELL MW-B

CITRUS COUNTY CENTRAL LANDFILL

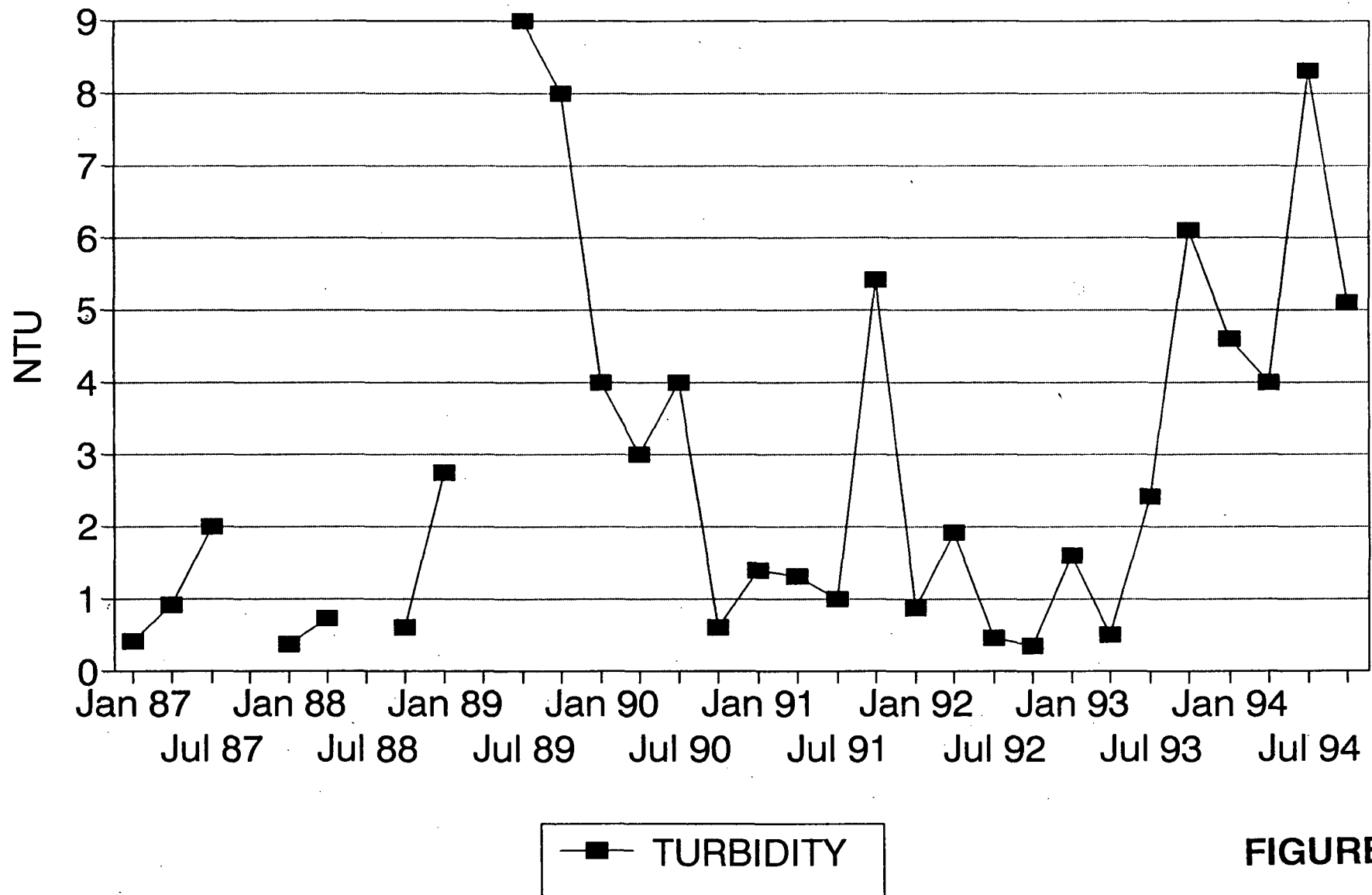
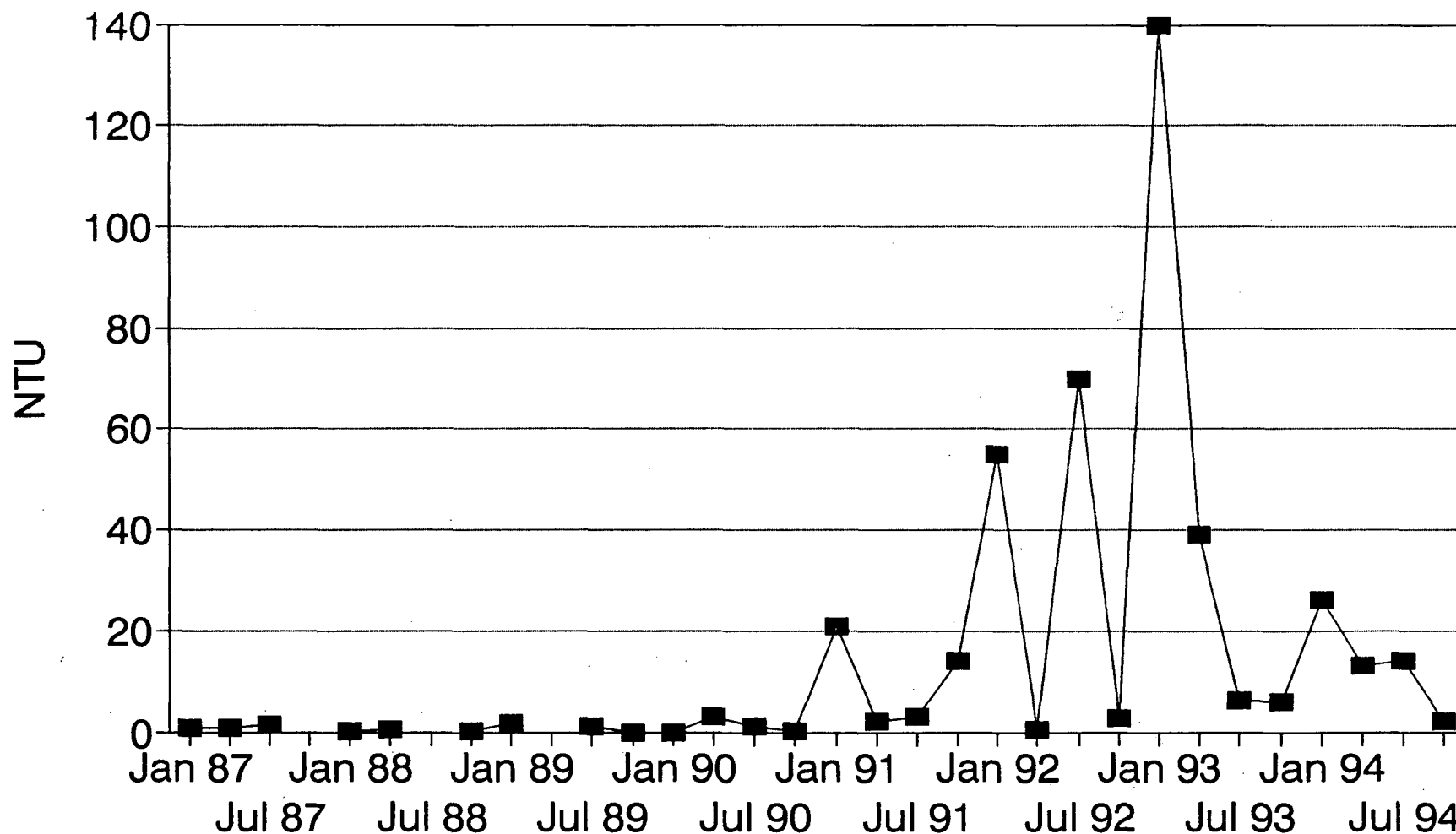


FIGURE 40

MONITORING WELL MW-C

CITRUS COUNTY CENTRAL LANDFILL



—■— TURBIDITY

FIGURE 41

MONITORING WELL MW-D

CITRUS COUNTY CENTRAL LANDFILL

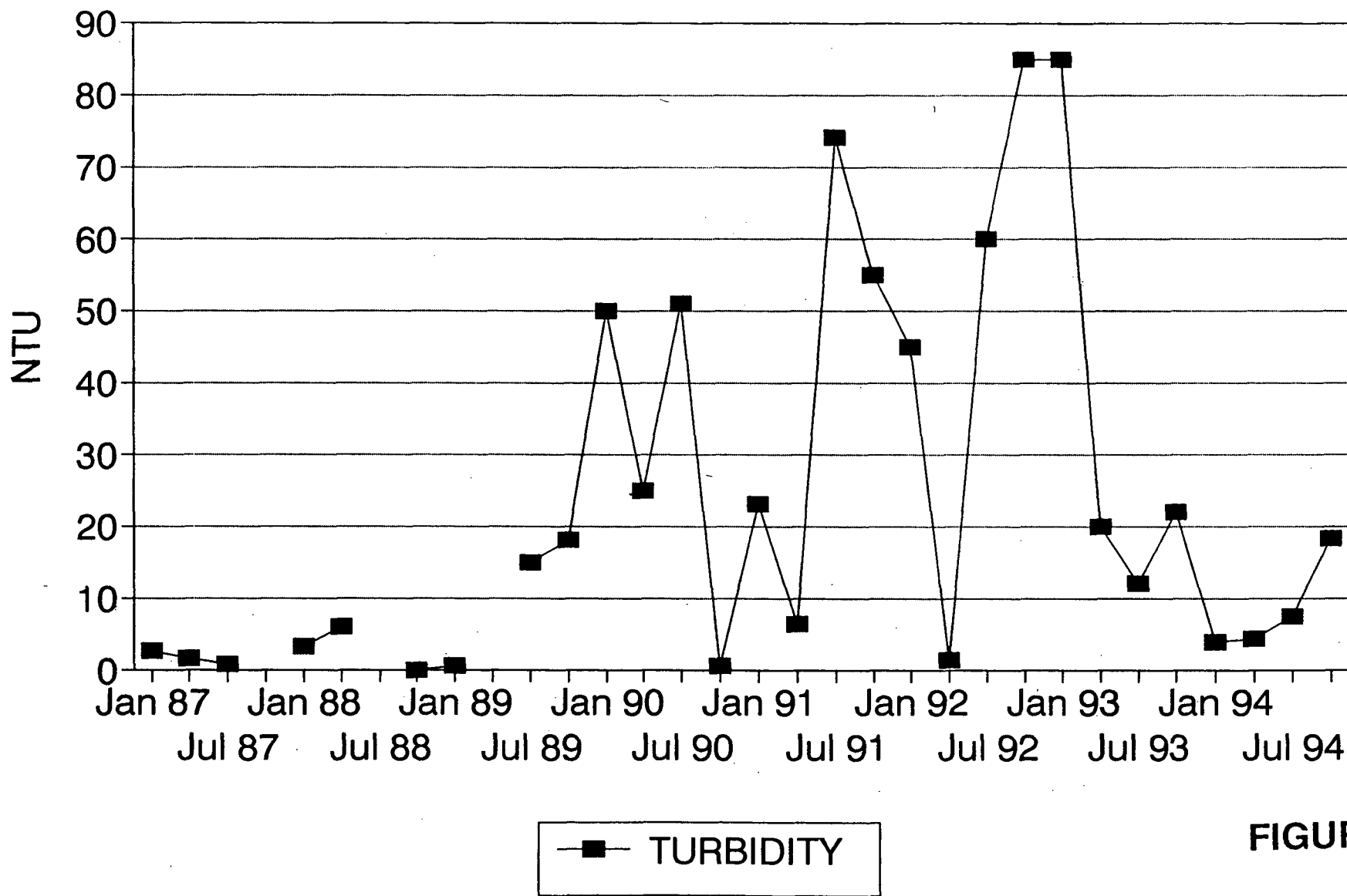


FIGURE 42

NITRATE-N IN LEACHATE EFFLUENT

CITRUS COUNTY CENTRAL LANDFILL

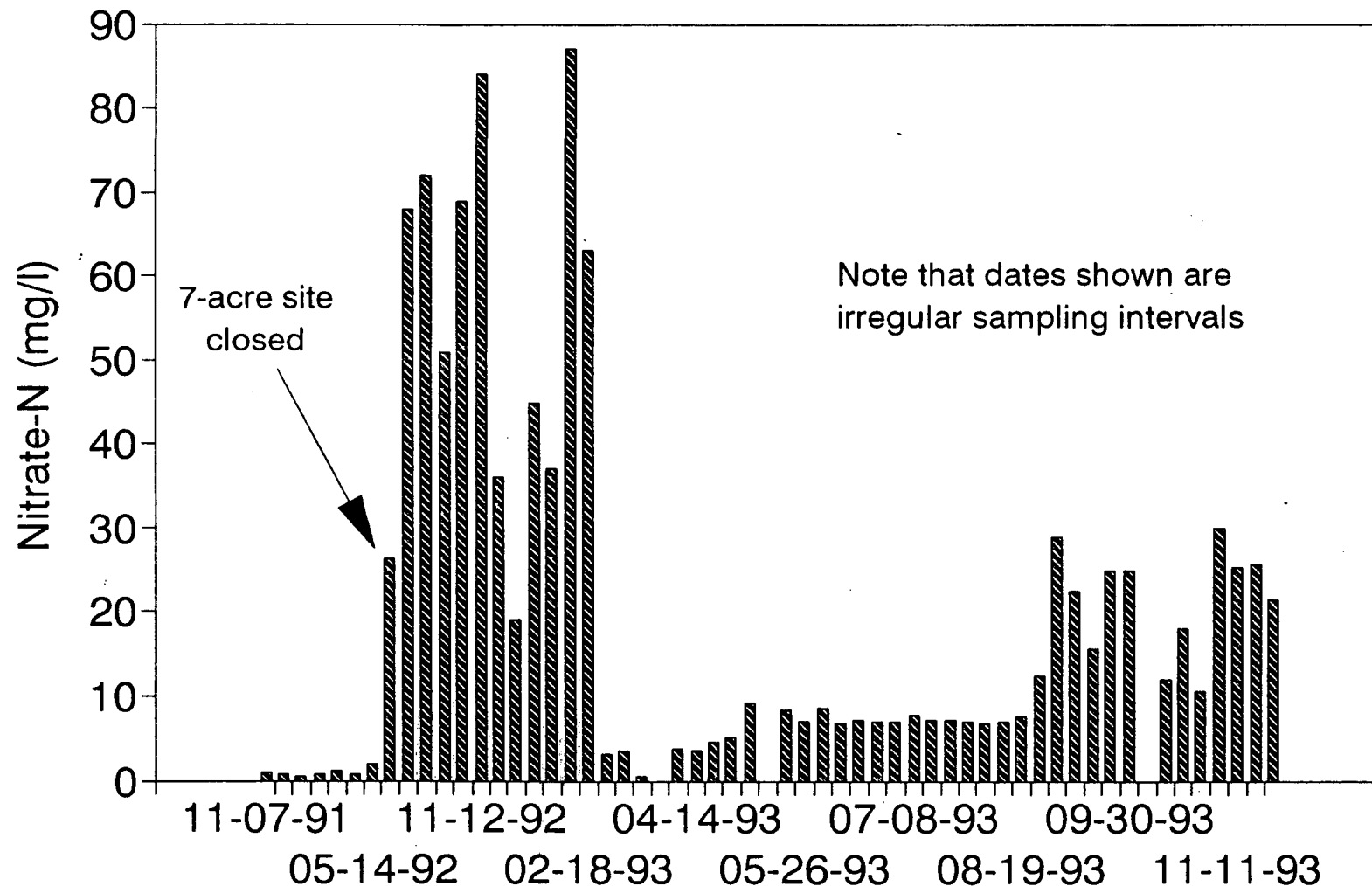


FIGURE 43

LEACHATE ALKALINITY CHLORIDES & TDS

CITRUS COUNTY CENTRAL LANDFILL

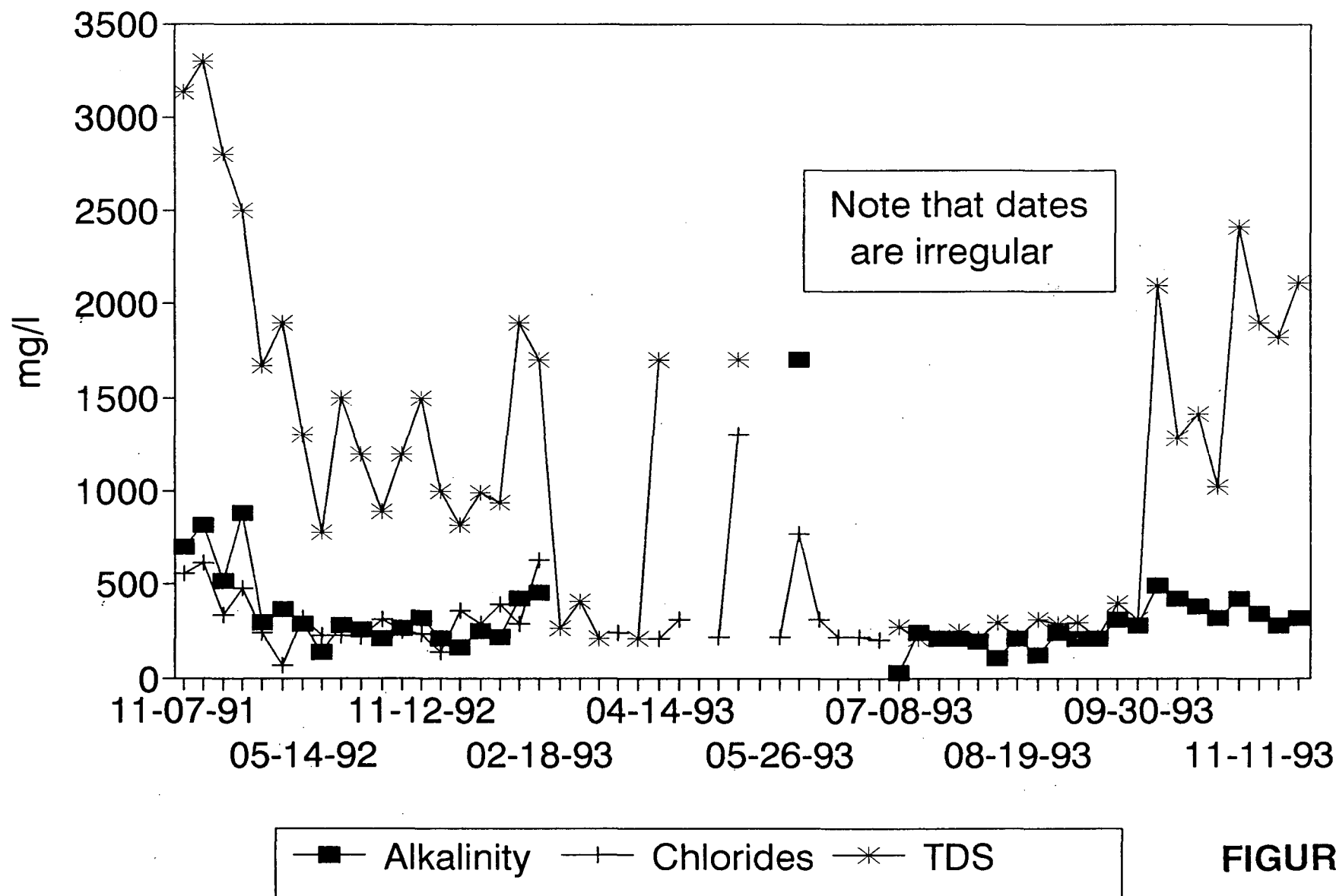


FIGURE 44

COD AND TOC IN LEACHATE

CITRUS COUNTY CENTRAL LANDFILL

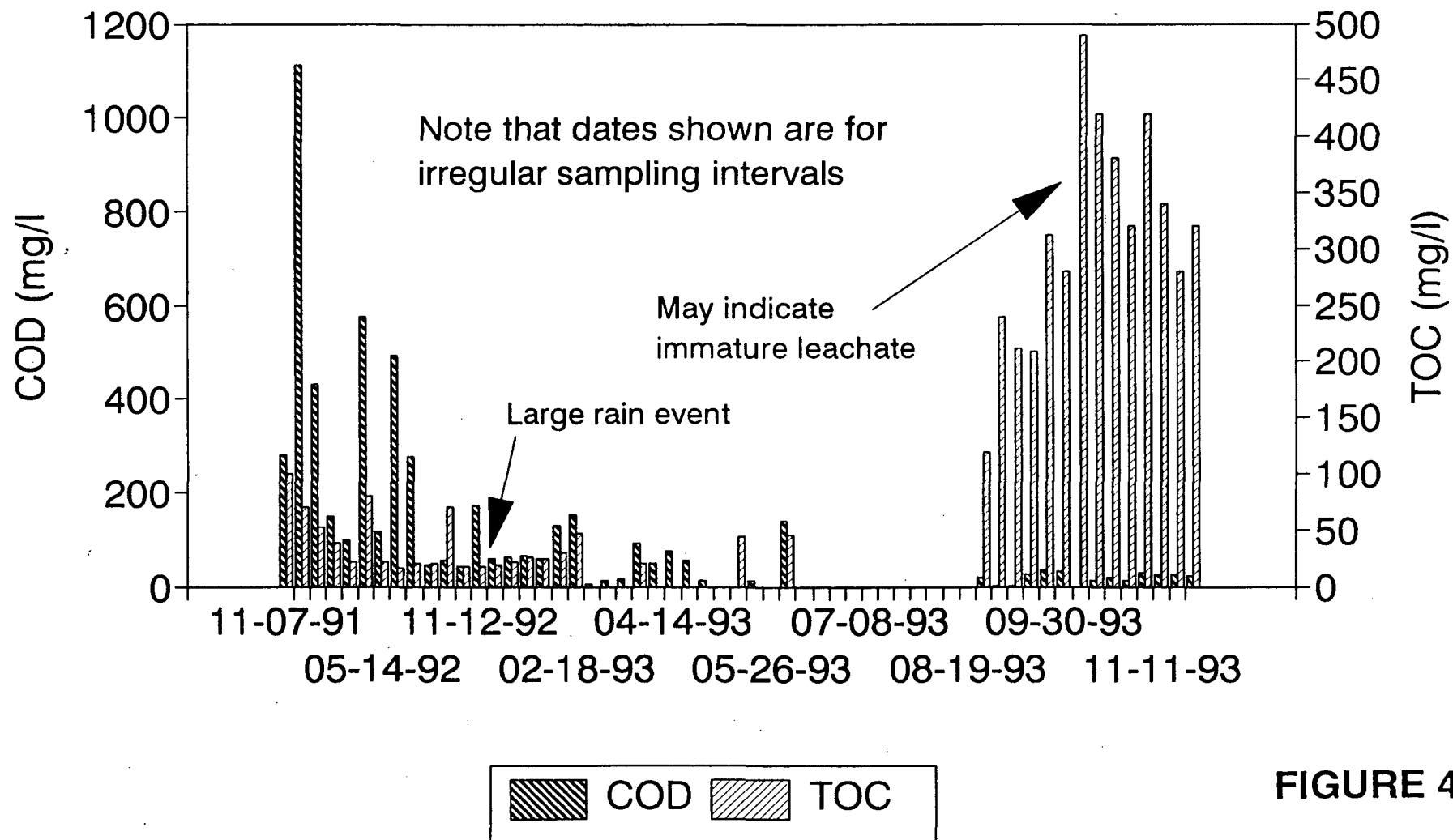


FIGURE 45

samples taken at regular time intervals (they tend to be monthly at the beginning and a mix of monthly and weekly toward the end). However, these values indicate the general nitrate-N content of the leachate over the time period. This comment regarding irregular time intervals also applies to the following discussions of other parameters.

Figure 44 shows leachate alkalinity, chlorides and total dissolved solids over the same time period. In general, there appears to be a slight decline in these parameters. This may be attributable to increasing rainfall over the period of sampling.

The Chemical Oxygen Demand (COD) and Total Organic Carbon (TOC) content of the leachate are shown in Figure 45. Noted is a reversal of the COD and TOC concentrations starting in mid-1993. The exact reason for this is unknown, but is presently attributed to increasing rainfall and dilution of leachate and stormwaters over the last half of 1993.

The further impact of rainfall can be seen in Figure 46. What is noted is that the closed 7-acre landfill cell is producing less than one-half as much leachate in early 1995 as compared to late 1993, despite increasing rainfall. However, the active portion of the 80-acre site, because it is still open to recharge due to rainfall, is producing increasing volumes of leachate.

Figure 47 provides a longer term (early 1992 through early 1995) look at the response of combined flows to the leachate treatment plant and rainfall at the site.

3.6.2.2 Leachate Percolation Pond Monitoring Wells

Three monitoring wells monitor the two percolation ponds that receive treated effluent from the leachate treatment plant. Well MW-4 is the upgradient well, and wells MW-5 and MW-6 are downgradient wells. Wells MW-4 and MW-5 were not impacted by the discharge of the effluent to the ponds. Monitoring well MW-6 had nitrate-N levels of 11 mg/l and 31.9 mg/l and 53.2 mg/l in July 1994, October 1994, and January 1995, respectively.

3.6.2.3 Sludge Monitoring Results

The sludge from the treatment process met all of the standards required prior to disposal in the landfill. These standards were for TCLP metals and semivolatiles, volatiles, pesticides and herbicides in TCLP extract.

RAINFALL AND 7-ACRE & 80-ACRE SITES

CITRUS COUNTY CENTRAL LANDFILL

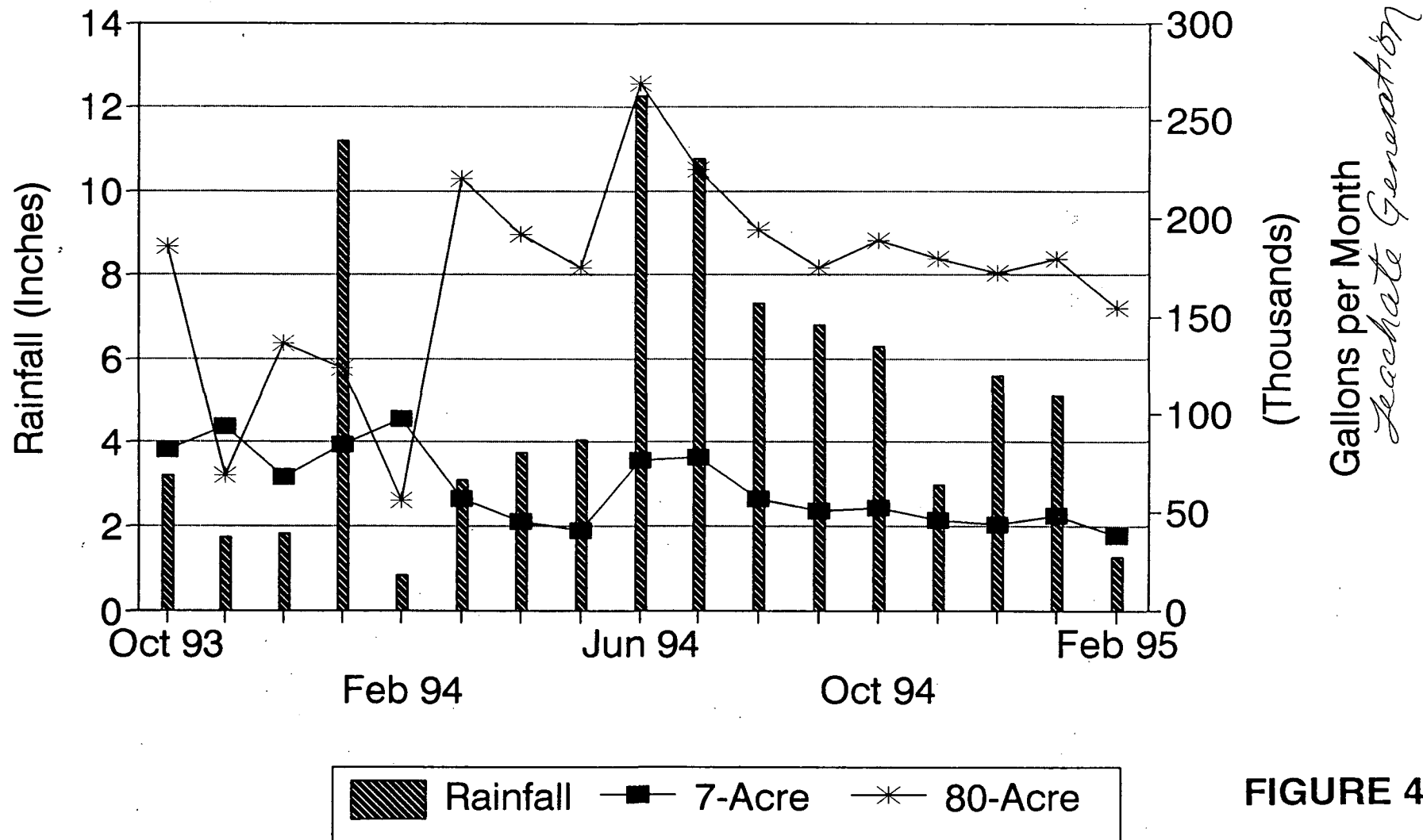


FIGURE 46

TREATMENT PLANT FLOW & RAINFALL

CITRUS COUNTY CENTRAL LANDFILL

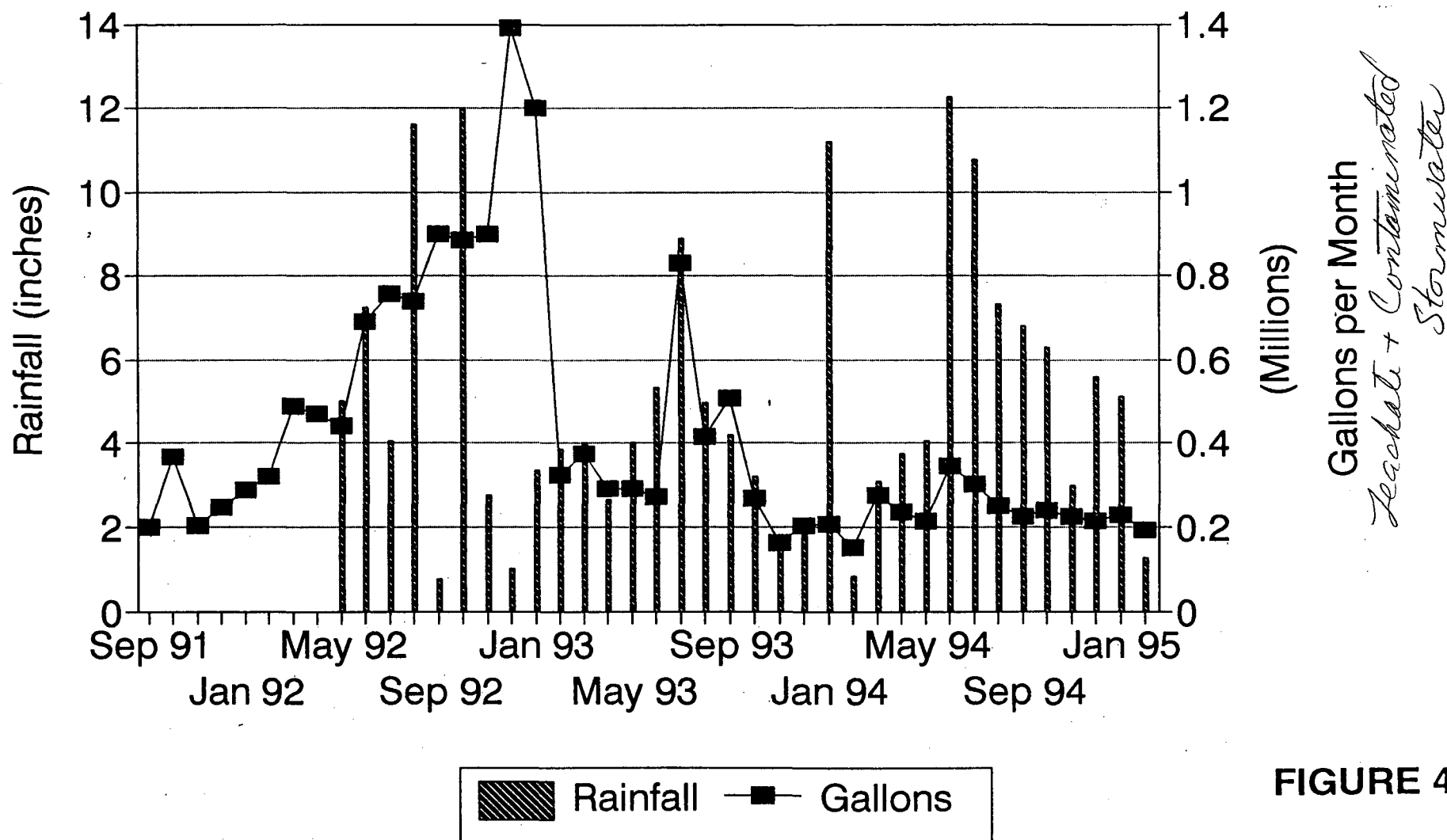


FIGURE 47

4 . 0 M O N I T O R I N G P L A N

This Groundwater Monitoring Plan is intended to comply with Rule 62-701.510, FAC. Part I of the FDEP Solid Waste Management Facility Application contains water quality monitoring plan required components that the present document includes as ***bolded, italicized*** text with a sequential numbering system, followed by the appropriate response text in regular, non-bold type.

1. ***Water quality and leachate monitoring plan shall be submitted describing the proposed groundwater, surface water and leachate monitoring systems and shall meet at least the following;***
 - a. ***Based on the information obtained in the hydrogeological investigation and signed, dated and sealed by the PG or PE who prepared it (62-701.510(2) (a), FAC a professional geologist or professional engineer with experience in hydrogeologic investigations.***

This water quality monitoring plan is based on information obtained from the files of the Citrus County Division of Solid Waste Management. The information available included previous field exploration, laboratory testing, and hydrogeological investigations. This document was prepared by and has been signed, dated and sealed by John C. Miller, P.G. (Florida License No. 883), a professional geologist with experience in hydrogeologic investigations.

4.1 SAMPLING PROCEDURES AND QUALITY ASSURANCE

- b. ***All sampling and analysis performed by organizations having Department-approved Comprehensive quality Assurance Plans; (62-701.510(2) (b), FAC).***

Sampling and analysis will be performed in accordance with the Orlando Laboratories, Inc. (OLI) Comprehensive Quality Assurance Plan (QAPP). This QAPP No. 860106G was approved by the FDEP Quality Assurance Section on August 5, 1994.

Because of the high levels of turbidity in the monitoring wells, groundwater samples for metals analysis will be filtered with 1 micron disposable filters. The details of this field filtering sampling process and the materials to be used are being addressed in a submittal by OLI to the FDEP QA Section.

4.2 PROPOSED MONITORING WELL LOCATIONS

c. Groundwater monitoring; (62-701.510(3), FAC)

(1) Detection wells located downgradient from and within 50 feet of disposal units;

Monitoring wells MW-5 and MW-6 are proposed as detection (downgradient) wells for the previously operating leachate effluent percolation ponds. Well MW-4 is proposed as the upgradient well for that disposal unit, realizing, however, that it might be impacted by landfilling on the 80-acre tract.

Monitoring wells MW-C, MW-AA and MW-D are proposed as detection wells for the overall landfill operation. These wells are, however, greater than 500 feet apart. It is proposed that one additional well be added between wells MW-C and MW-AA and another well placed between wells MW-AA and MW-D.

Due to operations in the 80-acre tract, monitoring well MW-B, now serving as a background monitoring well may also be considered to be a detection well over the long term. Presently, it is still considered to be a background monitoring well.

The 80-acre expansion and the 60-acre closed landfill are considered to be one site for future monitoring. The placement of detection wells between the 60-acre site and the 80-acre site is not appropriate for the monitoring of the 80-acre site. The proximity and influence of the 60-acre site is likely to impact such wells.

(2) Downgradient compliance wells;

Because of the detection of contaminant parameters in monitoring well MW-A (now MW-AA), an assessment program is underway. As part of this assessment, monitoring well MW-E was installed to the west of well MW-A (now MW-AA) and serves as a compliance well. No other compliance wells are contemplated at present, pending the results of installation of new detection wells and continued monitoring of wells MW-C and MW-D.

(3) Background wells screened in all aquifers below the landfill that may be affected by the landfill;

Background (upgradient) monitoring wells are wells MW-1R, MW-2 and MW-3. Monitoring wells MW-2 and MW-3 are separated by 2,600 feet, more than the allowable 1,500 feet. An additional background monitoring well is proposed halfway between wells MW-2 and MW-3 on the east side of the 80-acre tract.

As mentioned above, monitoring well MW-B will continue as a background monitoring well, but it may also serve as a detection well for the southern portion of the 80-acre tract.

(4) Location information for each monitoring well;

Refer to Section 3.1, Table 3, for the locations and elevations of the top of the well casings of the existing wells. Each well location is reported in degrees, minutes and seconds of latitude and longitude, the Universal Transverse Mercator coordinates, and the elevation of the top of the well casing to the nearest 0.01 foot, National Geodetic Vertical Datum, as determined by a registered Florida land surveyor. Following the installation of new monitoring wells, these same location and elevation requirements will be met. All wells will be clearly labelled and easily visible at all times.

The approximate locations of proposed new background and detection wells are shown on Figure 48.

Within ninety (90) days after completion of any new wells the following information will be provided:

Well Identification	Driller's Log
Latitude/Longitude	Total Depth of Well
Aquifer Monitored	Casing Diameter
Screen Type and Slot Size	Casing Type and Length
Screen Length	SWFWMD Well Construction
Well Seal and Filter Pack Type and Thickness	Permit Numbers
Elevation at Top of Pipe	
Elevation at Land Surface	

(5) Well spacing no greater than 500 feet apart for downgradient wells and no greater than 1,500 feet apart for upgradient wells unless site-specific conditions justify alternate well spacings;

As described in Section 4.2, above, the present well spacings are not appropriate. One new background (upgradient) well and two new detection (downgradient) wells are proposed.

(6) Well screen locations properly selected;

Precise well screen locations are, of course, actually determined during the course of installation of the wells. This is influenced considerably at the Citrus County Central Landfill site by the very irregular surface of the underlying limestones. At this time, it is sufficient to say that the depths of the wells and screen

As mentioned above, monitoring well MW-B will continue as a background monitoring well, but it may also serve as a detection well for the southern portion of the 80-acre tract.

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Screen Length	SWFWMD Well Construction
Well Seal/Filter Pack	Permit Numbers
Type and Thickness	
Elevation at Top of Pipe	
Elevation at Land Surface	

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Precise well screen locations are, of course, actually determined during the course of installation of the wells. This is influenced considerably at the Citrus County Central Landfill site by the very irregular surface of the underlying limestones. At this time, it is sufficient to say that the depths of the wells and screen

intervals will be similar to the existing nearby monitoring wells. However, as an approximation, the depths and screened intervals are likely to be as follows:

<u>Well</u>	<u>Well Purpose</u>	<u>Depth</u>	<u>Screened Interval</u>
MW-7	Background	125 feet	110-125 feet
MW-8	Detection	130-200 feet	bottom 20 feet
MW-9	Detection	130-210 feet	bottom 20 feet

Figure 49 is a typical monitoring well construction diagram for these proposed new monitoring wells.

(7) Procedures for properly abandoning monitoring wells;

Monitoring wells requiring plugging and abandonment will have such operations performed in accordance with Chapter 17-21.10(4), FAC, and the requirements of the Southwest Florida Water Management District. Following plugging and abandonment of monitoring wells, Citrus County will submit a written report to the Department providing verification of the plugging program.

Generally, the plugging will be performed by removing the steel upper protective casing, sawing off the PVC casing, lowering a tremie pipe to the full depth of the well, and pumping cement into the pipe until the cement returns to land surface. The FDEP and the SWFWMD will be notified in writing before any monitoring wells are abandoned or plugged.

(8) Detailed description of detection sensors if proposed.

No detection sensors are anticipated/proposed for the Citrus County Central Landfill.

4.3 PROPOSED SURFACE WATER MONITORING

(d) Surface water monitoring;

(1) Location of and justification for all proposed surface water monitoring points;

For reasons stated in Section 3.3, above, there will be no surface water monitoring.

intervals will be similar to the existing nearby monitoring wells. However, as an approximation, the depths and screened intervals are likely to be as follows:

<u>Well</u>	<u>Well Purpose</u>	<u>Depth</u>	<u>Screened Interval</u>
MW-7	Background	125 feet	110-125 feet
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MW-9	Detection	130-210 feet	bottom 20 feet

Figure 49 is a typical monitoring well construction diagram for these proposed new monitoring wells.

(7) Procedures for properly abandoning monitoring wells;

Monitoring wells requiring plugging and abandonment will have such operations performed in accordance with Chapter 62-532.440, FAC, and the requirements of the Southwest Florida Water Management District. Following plugging and abandonment of monitoring wells, Citrus County will submit a written report to the Department providing verification of the plugging program.

Generally, the plugging will be performed by removing the steel upper protective casing, sawing off the PVC casing, lowering a tremie pipe to the full depth of the well, and pumping cement into the pipe until the cement returns to land surface. The FDEP and the SWFWMD will be notified in writing before any monitoring wells are abandoned or plugged.

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D.E.P.

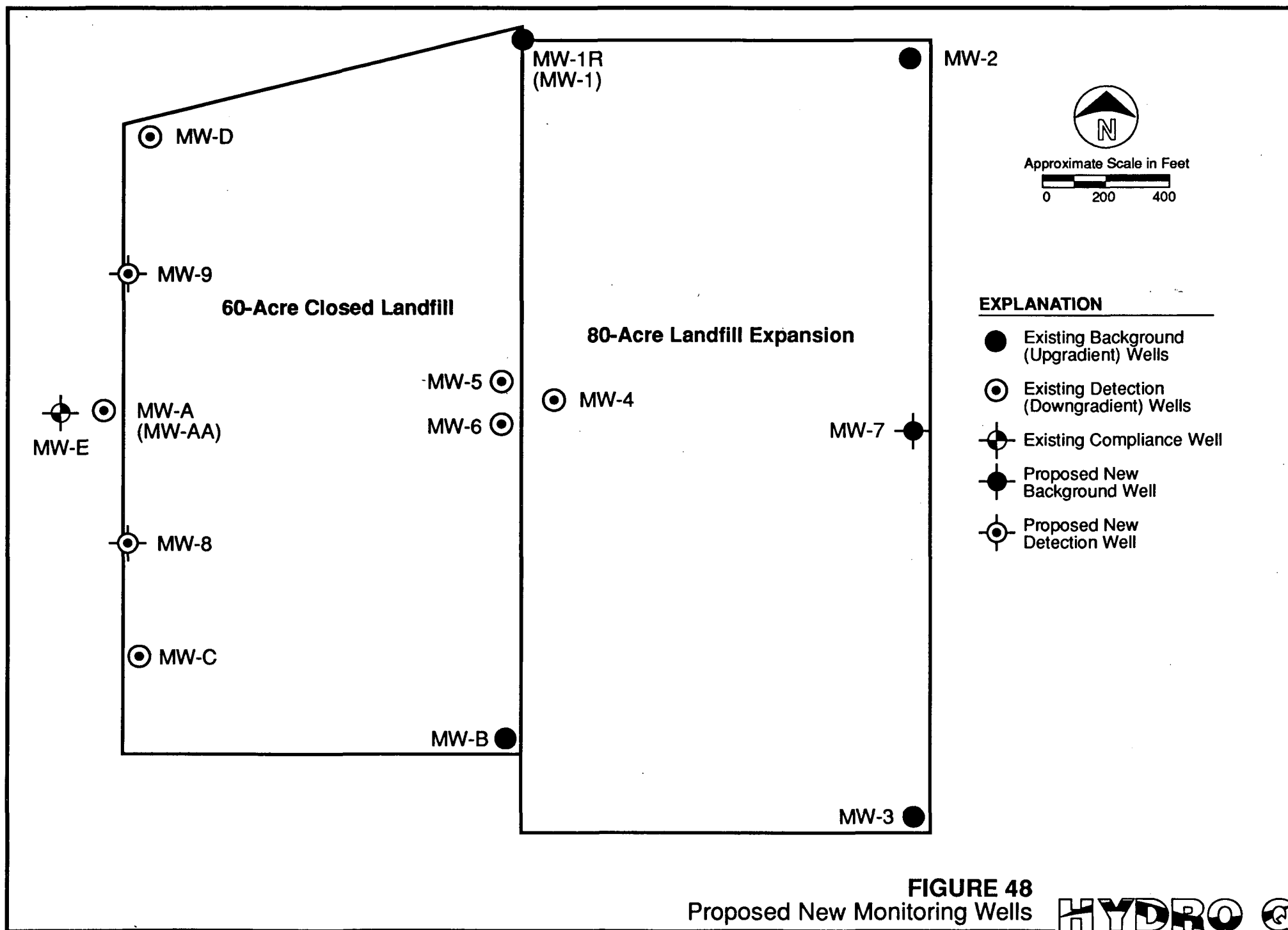
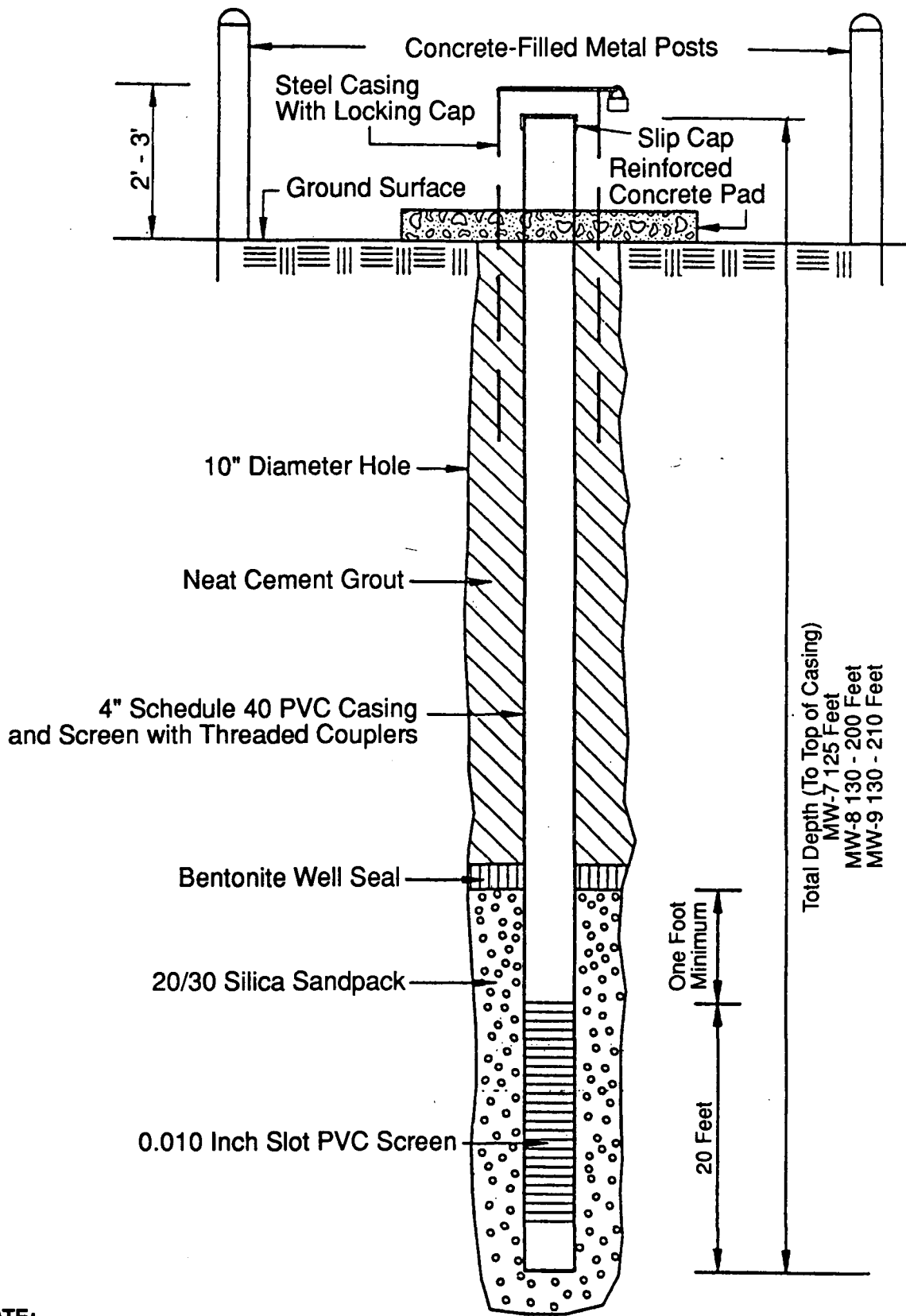


FIGURE 48
Proposed New Monitoring Wells

Monitor Well Detail



NOTE:

Wells will be screened such that the water table is generally within 2 - 3 feet of the top of the well screen.

FIGURE 49
Typical Monitoring Well Diagram

- (2) *Each monitoring location to be marked and its position determined by a registered Florida land surveyor;*

There will be no surface water monitoring, therefore this requirement is not applicable.

4.4 LEACHATE MONITORING

- e. Leachate sampling locations proposed; (62-701.510(5), (FAC)*

No changes in leachate sampling locations are proposed. The present locations are discussed in Section 3.4, above.

4.5 WATER QUALITY MONITORING

- f. Routine sampling frequency; (62-701.510(6), (FAC)*

4.5.1 BACKGROUND SAMPLING

- (1) Background groundwater and surface water sampling and analysis;*

Background water quality samples will be taken semi-annually from monitoring wells MW-1R, MW-2, MW-3, MW-B and new monitoring well MW-7. There will be no surface water sampling, as there are no surface water bodies or flows to surface water. Sampling and analysis of background groundwater quality will be done initially (sampling of wells MW-1R, MW-2, MW-3, and MW-B has already been done for 1995, on January 3, 1995) and then semi-annually for the following parameters. New background monitoring well MW-7 will be sampled quarterly for four consecutive quarters, then semi-annually, for the following parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity
- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides

- (2) *Each monitoring location to be marked and its position determined by a registered Florida land surveyor;*

There will be no surface water monitoring, therefore this requirement is not applicable.

4.4 LEACHATE MONITORING

- e. *Leachate sampling locations proposed; (62-701.510(5), (FAC)*

No changes in leachate sampling locations are proposed. The present locations are discussed in Section 3.4, above.

4.5 WATER QUALITY MONITORING

- f. *Routine sampling frequency; (62-701.510(6), (FAC)*

4.5.1 BACKGROUND SAMPLING

- (1) *Background groundwater and surface water sampling and analysis;*

Background water quality samples will be taken semi-annually from monitoring wells MW-1R, MW-2, MW-3, MW-B and new monitoring well MW-7. There will be no surface water sampling, as there are no surface water bodies or flows to surface water. Sampling and analysis of background groundwater quality will be done initially (sampling of wells MW-1R, MW-2, MW-3, and MW-B has already been done for 1995, on January 3, 1995) and then semi-annually for the parameters indicated in the following. New background monitoring well MW-7 will be sampled initially and then semi-annually, for the following parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity
- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides

- o Iron
- o Mercury
- o Nitrate-N
- o Sodium
- o Total Dissolved Solids (TDS)
- o Chemical Oxygen Demand (COD)
- o Total organic carbon (TOC)
- o Benzene
- o Those parameters listed in Appendix I, 40 CFR, Part 258
- o Those parameters listed in Appendix II, 40 CFR, Part 258

*only for
initial sampling*

4.5.2 LEACHATE SAMPLING

(2) Leachate semi-annual sampling and analysis;

Leachate will be sampled and analyzed semi-annually for the following parameters:

Field Parameters

- o Specific Conductivity
- o pH
- o Dissolved Oxygen (DO)
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Bicarbonate
- o Chlorides
- o Iron
- o Mercury
- o Nitrate-N
- o Sodium
- o Total Dissolved Solids (TDS)
- o Those parameters listed in 40 CFR, Part 258, Appendix I

In addition to the above, the leachate and sludge will be sampled and analyzed annually for:

- o Those parameters listed in 40 CFR, Part 258, Appendix II

At present, Citrus County contemplates eventual discharge of treated effluent to the percolation ponds. Prior to requesting authorization for this on-site discharge into the percolation ponds, the County will demonstrate 3 consecutive months of acceptable leachate treatment. Acceptable leachate treatment shall

meet the criteria listed in Section 3.5.3 (above).

4.5.3 DETECTION WELL SAMPLING

(3) Detection well semi-annual sampling and analysis;

Detection wells MW-4, MW-5, MW-6, MW-AA, MW-C and MW-D will be sampled semi-annually and analyzed for the following groundwater parameters. New detection wells MW-8 and MW-9 will be sampled quarterly for four consecutive quarters, then semi-annually, and analyzed for the following groundwater parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity
- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides
- o Iron
- o Mercury
- o Nitrate-N
- o Total Dissolved Solids (TDS)
- o Chemical Oxygen Demand (COD)
- o Total organic carbon (TOC)
- o Benzene
- o Those parameters listed in Appendix I, 40 CFR, Part 258

4.5.4 COMPLIANCE WELL SAMPLING

(4) Compliance well sampling and analysis;

The only well to be considered a compliance well at present is monitoring well MW-E. Additional compliance wells may be added in the future. All compliance wells will be sampled quarterly and analyzed for the following groundwater parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity

meet the criteria listed in Section 3.5.3 (above).

4.5.3 DETECTION WELL SAMPLING

(3) *Detection well semi-annual sampling and analysis;*

Detection wells MW-4, MW-5, MW-6, MW-AA, MW-C and MW-D will be sampled semi-annually and analyzed for the following groundwater parameters. New detection wells MW-8 and MW-9 will be sampled initially and semi-annually, and analyzed for the following groundwater parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity
- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides
- o Iron
- o Mercury
- o Nitrate-N
- o Total Dissolved Solids (TDS)
- o Chemical Oxygen Demand (COD)
- o Total organic carbon (TOC)
- o Benzene
- o Those parameters listed in Appendix I, 40 CFR, Part 258

Appendix II initially

4.5.4 COMPLIANCE WELL SAMPLING

(4) *Compliance well sampling and analysis;*

The only well to be considered a compliance well at present is monitoring well MW-E. Additional compliance wells may be added in the future. All compliance wells will be sampled quarterly and analyzed for the following groundwater parameters:

Field Parameters

- o Static water level in well before purging
- o Specific Conductivity

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- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides
- o Iron
- o Mercury
- o Nitrate-N
- o Sodium
- o Total Dissolved Solids (TDS)
- o Chemical Oxygen Demand (COD)
- o Total organic carbon (TOC)
- o Benzene
- o Those parameters listed in Appendix I, 40 CFR, Part 258
- o Those parameters listed in Appendix II, 40 CFR, Part 258

If for two consecutive sampling events the concentrations of all parameters listed in 17-701.510 (8) (a) and (d) above are at or below background values, Citrus County, after notifying the Department, will discontinue assessment monitoring and return to the routine monitoring requirements described in 17-701.110(6).

4.5.5 SURFACE WATER SAMPLING

(5) Surface water sampling and analysis;

For reasons explained in Section 3.3, above, there will be no surface water sampling. Therefore, this section is not applicable.

4.6 ASSESSMENT MONITORING AND CORRECTIVE ACTIONS

G. Describe procedures for implementing assessment monitoring and corrective action; (62-701.510(7), (FAC)

4.6.1 Assessment Monitoring

If indicator parameters are detected in detection wells in concentrations that are significantly above background quality, or that are at levels above the FDEP water quality standards or criteria specified in Chapter 17-520, FAC, Citrus County would re-sample the wells within 15 days after the sampling data are received, to confirm the data. If the data are confirmed, Citrus County would notify FDEP in writing within 14 days of this finding. Upon notification by FDEP, Citrus County would initiate assessment

- o pH
- o Dissolved Oxygen (DO)
- o Turbidity
- o Temperature
- o Colors and sheens (by observation)

Laboratory Parameters

- o Total ammonia-N
- o Chlorides
- o Iron
- o Mercury
- o Nitrate-N
- o Sodium
- o Total Dissolved Solids (TDS)
- o Chemical Oxygen Demand (COD)
- o Total organic carbon (TOC)
- o Benzene
- o Those parameters listed in Appendix I, 40 CFR, Part 258
- o Those parameters listed in Appendix II, 40 CFR, Part 258

If for two consecutive sampling events the concentrations of all parameters listed in 62-701.510 (8)(a) and (d) above are at or below background values, Citrus County, after notifying the Department, will discontinue assessment monitoring and return to the routine monitoring requirements described in 62-701.510(6).

4.5.5 SURFACE WATER SAMPLING

(5) Surface water sampling and analysis;

For reasons explained in Section 3.3, above, there will be no surface water sampling. Therefore, this section is not applicable.

4.6 ASSESSMENT MONITORING AND CORRECTIVE ACTIONS

G. Describe procedures for implementing assessment monitoring and corrective action; (62-701.510(7), (FAC)

4.6.1 Assessment Monitoring

If indicator parameters are detected in detection wells in concentrations that are significantly above background quality, or that are at levels above the FDEP water quality standards or criteria specified in Chapter 62-520, FAC, Citrus County would re-sample the wells within 15 days after the sampling data are received, to confirm the data. If the data are confirmed, Citrus County would notify FDEP in writing within 14 days of this finding. Upon notification by FDEP, Citrus County would initiate assessment

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monitoring as follows.

1. Routine monitoring of all monitoring wells and leachate sampling locations would occur on a semi-annual basis for the parameters listed in Sections 4.5.2 and 4.5.3.
2. Within 90 days of initiating assessment monitoring and annually thereafter, Citrus County would sample and analyze a representative sample of the background wells and all affected detection wells for the parameters listed in Appendix II, 40 CFR, Part 258. Any new parameters detected and confirmed in the affected downgradient wells would be added to the routine groundwater parameter list presented in Section 4.5.3.
3. Within 90 days of initiating assessment monitoring, Citrus County would install and sample compliance monitoring wells at the compliance line of the zone of discharge (100 feet or the property line, whichever is closer) and downgradient from the affected detection monitoring wells. These wells would be installed as shown on the typical monitoring well detail (depths and screened intervals may vary from what is shown) in Figure 49, and samples would be analyzed for the parameters listed in Section 4.5.4.
4. Within 180 days of initiating assessment monitoring, Citrus County will submit a contamination assessment plan (CAP) to FDEP. This plan will be designed to delineate the extent and cause of the contamination, to predict the likelihood that FDEP water quality standards will be violated outside of the zone of discharge, and to evaluate methods to prevent any such violations. Upon approval by FDEP, Citrus County will implement this CAP and submit a contamination assessment report (CAR) in accordance with the plan.
5. If, for two consecutive sampling events, the concentrations of all indicator parameters and the parameters listed in Section 4.5.4 are at or below background values, Citrus County, upon approval by FDEP, would discontinue assessment monitoring and return to the routine monitoring requirements as described in Section 4.5.3 of this report.

4.6.2 Corrective Actions

1. If the CAR indicates that water quality standards are likely to be violated outside of the zone of discharge, Citrus County will, within 90 days, submit a remedial action plan to FDEP. Upon approval, Citrus County would initiate corrective actions to prevent such violations.
2. If any contaminants are detected and confirmed in compliance wells in concentrations which exceed both background levels

and FDEP water quality standards or criteria, or are detected and confirmed in detection wells in concentrations which are above FDEP water quality minimum criteria, Citrus County will notify the FDEP within 14 days of this finding and would initiate corrective actions. Assessment monitoring will continue according to the requirements of Section 4.6.1.

4.7 WATER QUALITY DATA REPORTING

h. Water quality monitoring reports;

(1) Semi-annual reports;

The semi-annual reports will contain the following components:

1. The facility name and identification number, sample collection dates, and analysis dates;
2. All analytical results, including all peaks even if below maximum contaminant levels;
3. Identification number and designation of all surface water and groundwater monitoring points;
4. Applicable water quality standards;
5. Quality assurance and quality control notations;
6. Method detection limits;
7. STORET code numbers for all parameters;
8. Water levels recorded prior to evaluating wells or sample collection. Elevation reference shall include the top of the well casing and land surface at each well site at a precision of plus or minus 0.01 foot;
9. An updated groundwater table contour map, with contours at no greater than one-foot intervals, which indicates groundwater elevations and flow direction; and
10. A summary of any water quality standards or criteria that are exceeded.

(2) Annual report signed/dated/sealed by PG or PE.

Annually and prior to ninety (9) days before the expiration of the Department Permit, Citrus County will submit an evaluation of the Groundwater Monitoring Plan. This plan will include, at a minimum,

and FDEP water quality standards or criteria, or are detected and confirmed in detection wells in concentrations which are above FDEP water quality minimum criteria, Citrus County will notify the FDEP within 14 days of this finding and would initiate corrective actions. Assessment monitoring will continue according to the requirements of Section 4.6.1.

4.7 WATER QUALITY DATA REPORTING

h. Water quality monitoring reports;

(1) Semi-annual reports;

The semi-annual reports will contain the following components:

1. The facility name and identification number, sample collection dates, and analysis dates;
2. All analytical results, including all peaks even if below maximum contaminant levels;
3. Identification number and designation of all surface water and groundwater monitoring points;
4. Applicable water quality standards;
5. Quality assurance and quality control notations;
6. Method detection limits;
7. STORET code numbers for all parameters;
8. Water levels recorded prior to evaluating wells or sample collection. Elevation reference shall include the top of the well casing and land surface at each well site at a precision of plus or minus 0.01 foot;
9. An updated groundwater table contour map, with contours at no greater than one-foot intervals, which indicates groundwater elevations and flow direction; and
10. A summary of any water quality standards or criteria that are exceeded.

(2) Two-Year report signed/dated/sealed by PG or PE.

Every two years and prior to ninety (90) days before the expiration of the Department Permit, Citrus County will submit an evaluation of the Groundwater Monitoring Plan. This plan will include, at a

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an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. This annual report will contain the following components:

1. Tabular and graphical displays of any data which show that a monitoring parameter has been detected, including hydrographs for all monitoring wells;
2. Trend analyses of any monitoring parameters detected;
3. Comparisons among shallow, middle, and deep zone wells;

In the case of the Citrus County Central Landfill, only one zone is being monitored. This zone is the top of the Floridan aquifer, which in this case is comprised of both the limestone and a portion of the overlying sands.
4. Comparisons between upgradient and downgradient wells;
5. Correlations between related parameters, such as total dissolved solids and specific conductance;
6. Discussion of erratic and/or poorly correlated data;
7. An interpretation of the groundwater contour maps, including an evaluation of groundwater flow rates; and
8. An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

This plan will be signed and sealed by a professional geologist or engineer as defined by florida Statutes 472 and 471, respectively.

minimum, an assessment of the effectiveness of the existing landfill design and operation as related to the prevention of groundwater contamination. This annual report will contain the following components:

1. Tabular and graphical displays of any data which show that a monitoring parameter has been detected, including hydrographs for all monitoring wells;
2. Trend analyses of any monitoring parameters detected;
3. Comparisons among shallow, middle, and deep zone wells;

In the case of the Citrus County Central Landfill, only one zone is being monitored. This zone is the top of the Floridan aquifer, which in this case is comprised of both the limestone and a portion of the overlying sands.

4. Comparisons between upgradient and downgradient wells;
5. Correlations between related parameters, such as total dissolved solids and specific conductance;
6. Discussion of erratic and/or poorly correlated data;
7. An interpretation of the groundwater contour maps, including an evaluation of groundwater flow rates; and
8. An evaluation of the adequacy of the water quality monitoring frequency and sampling locations based upon site conditions.

This plan will be signed and sealed by a professional geologist or engineer as defined by Florida Statutes 472 and 471, respectively. The plan will be updated at the time of permit renewal.

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5 . 0 REFERENCES

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- CH2M HILL, 1994. Citrus County Central Landfill Site Master Plan, December 1994.
- Fretwell, J.D., 1983. Groundwater Resources of Coastal Citrus, Hernando and Southwest Levy Counties, Florida. U.S. Geol. Survey WRI Report 83-4079.
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- Seaburn and Robertson, Inc., 1985. Citrus County Landfill Monitoring Plan. June 1985. 57 pp. and appendices.
- Stewart, J.W., 1980. Areas of Natural Recharge to the Floridan Aquifer in Florida. Florida Bureau of Geology. Map Series No. 98.
- Universal Engineering Sciences, 1988. Citrus County Landfill, Citrus County, Florida. Report No. 2354. August 1988. 7 pp. and appendices.
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- Vernon, R.O. and H.S. Puri, 1964. Geologic Map of Florida. Florida Bureau of Geology. Map Series No. 18.
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Appendix A

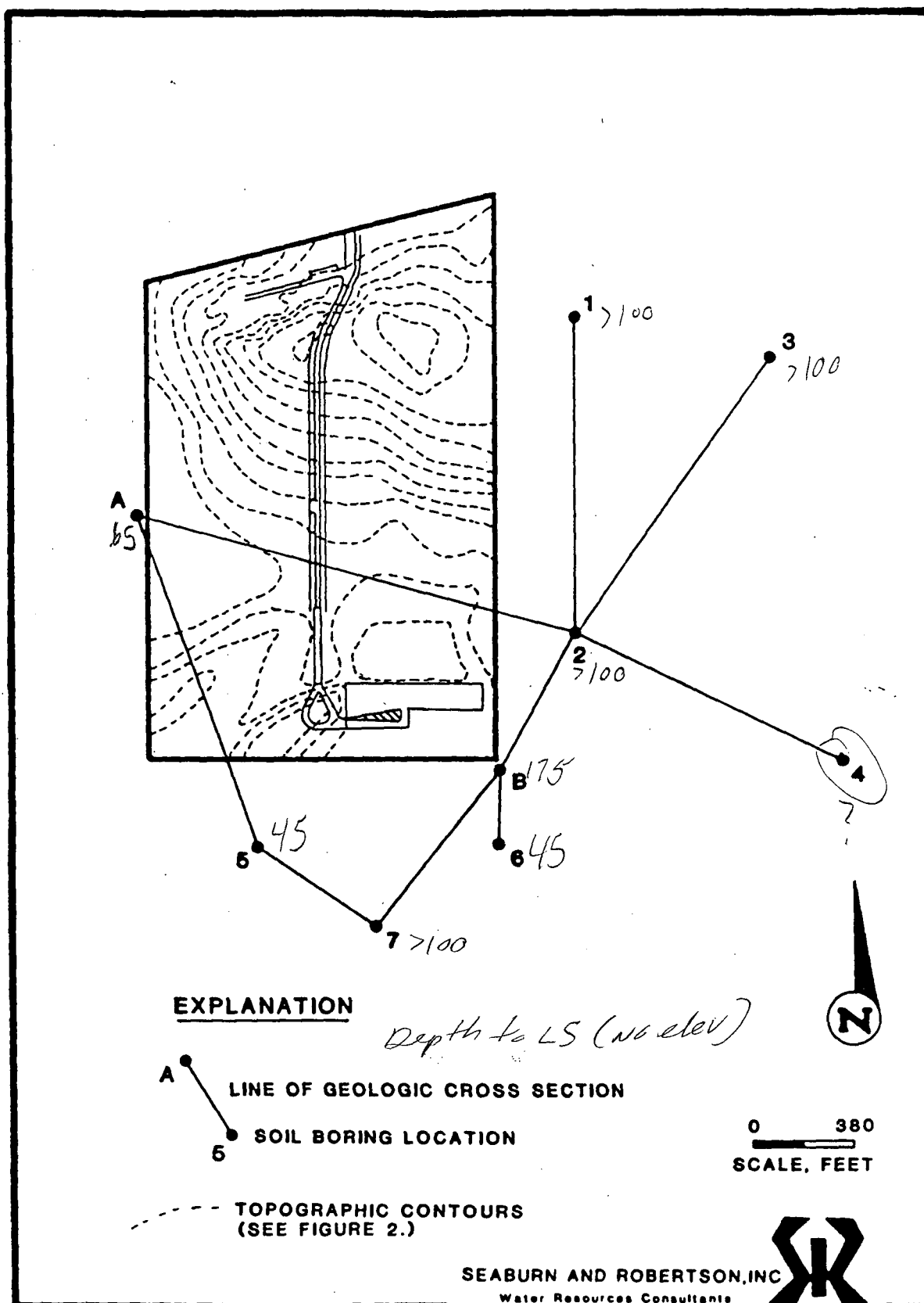


FIGURE 5.- LOCATION OF GEOLOGIC CROSS-SECTIONS
AT THE CITRUS COUNTY LANDFILL.

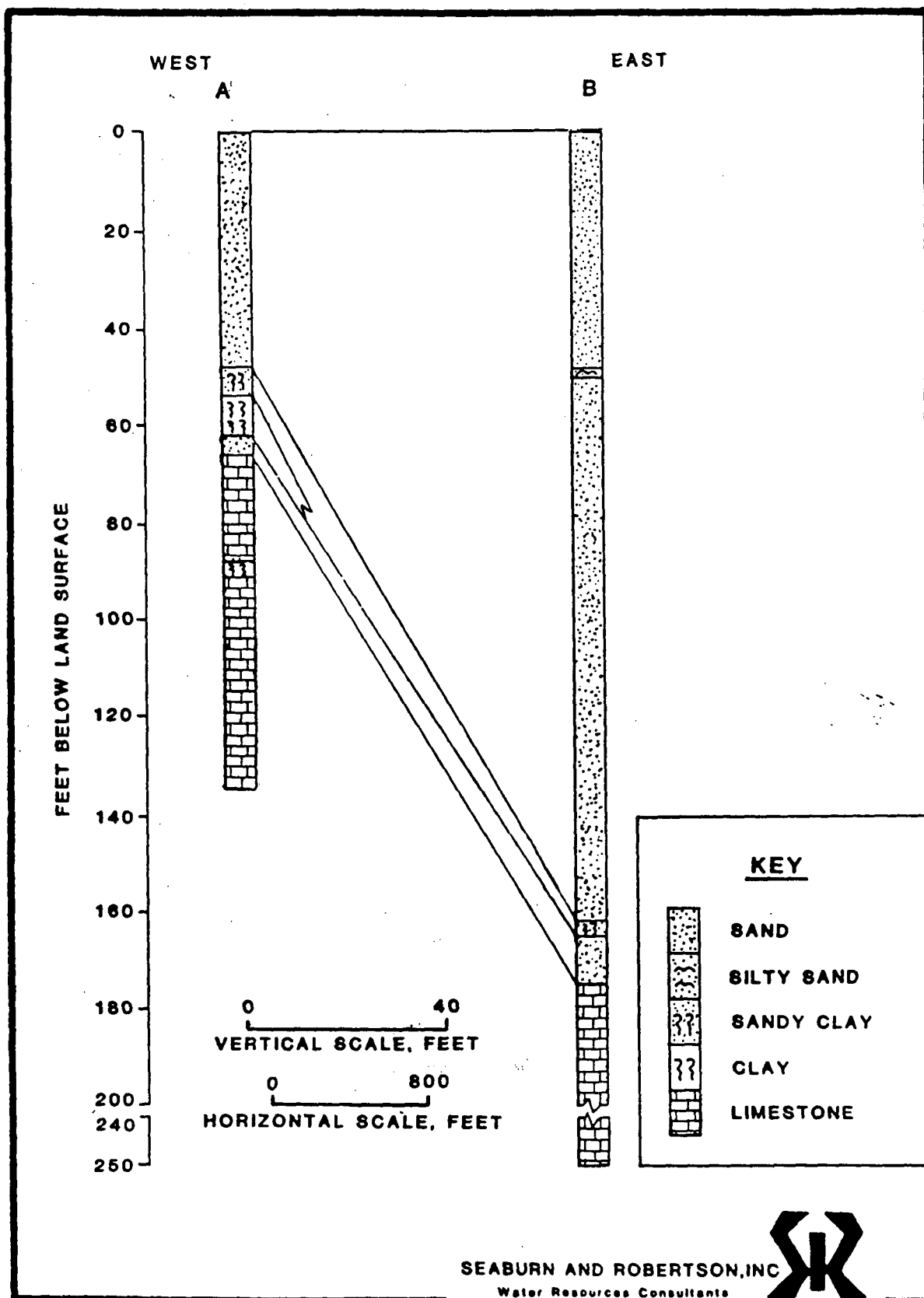


FIGURE 6.- GEOLOGIC CROSS-SECTION A-B AT CITRUS COUNTY LANDFILL.

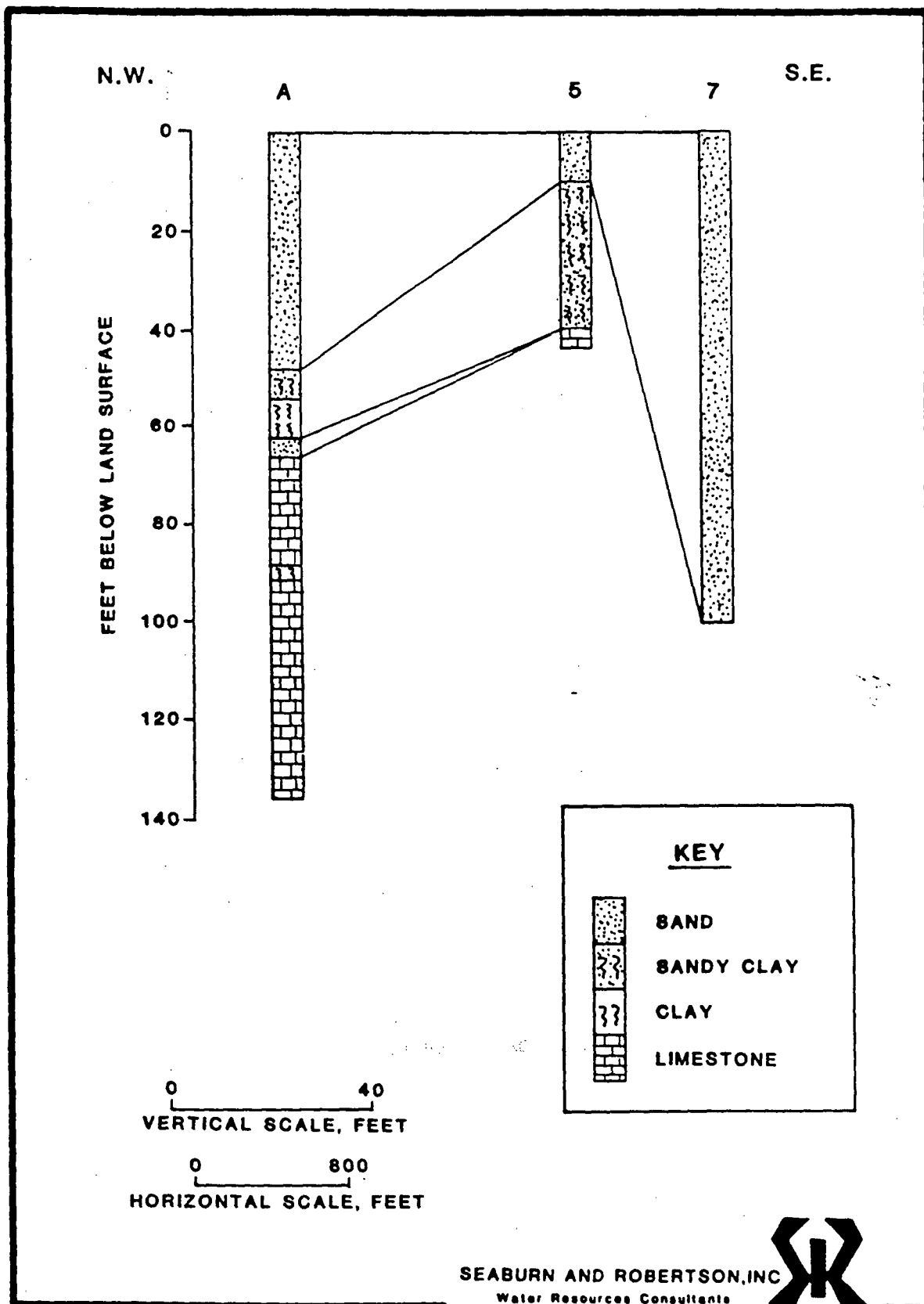


FIGURE 7.- GEOLOGIC CROSS-SECTION A-5-7 AT CITRUS COUNTY LANDFILL.

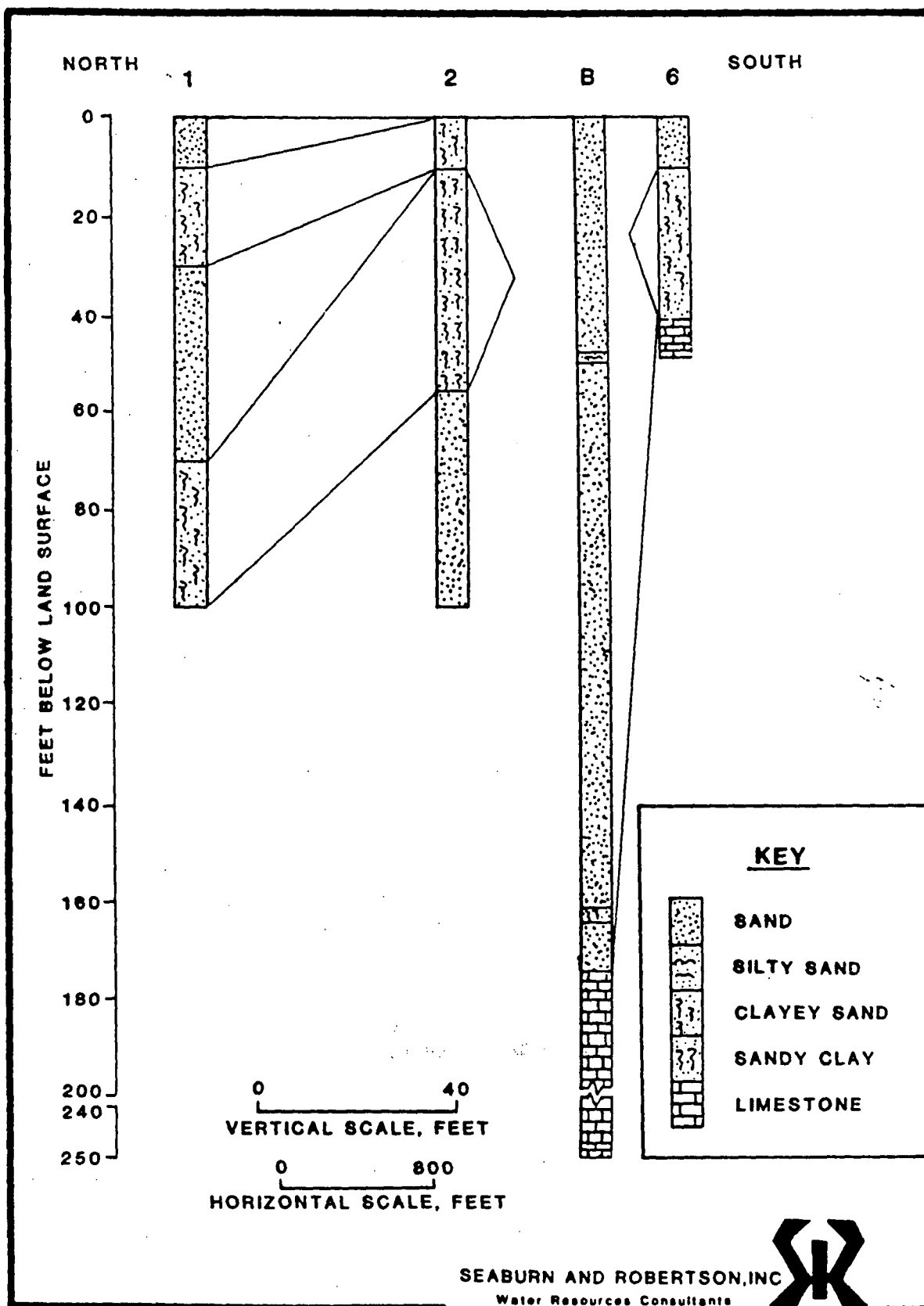


FIGURE 8.- GEOLOGIC CROSS-SECTION 1-2-B-6 AT CITRUS COUNTY LANDFILL.

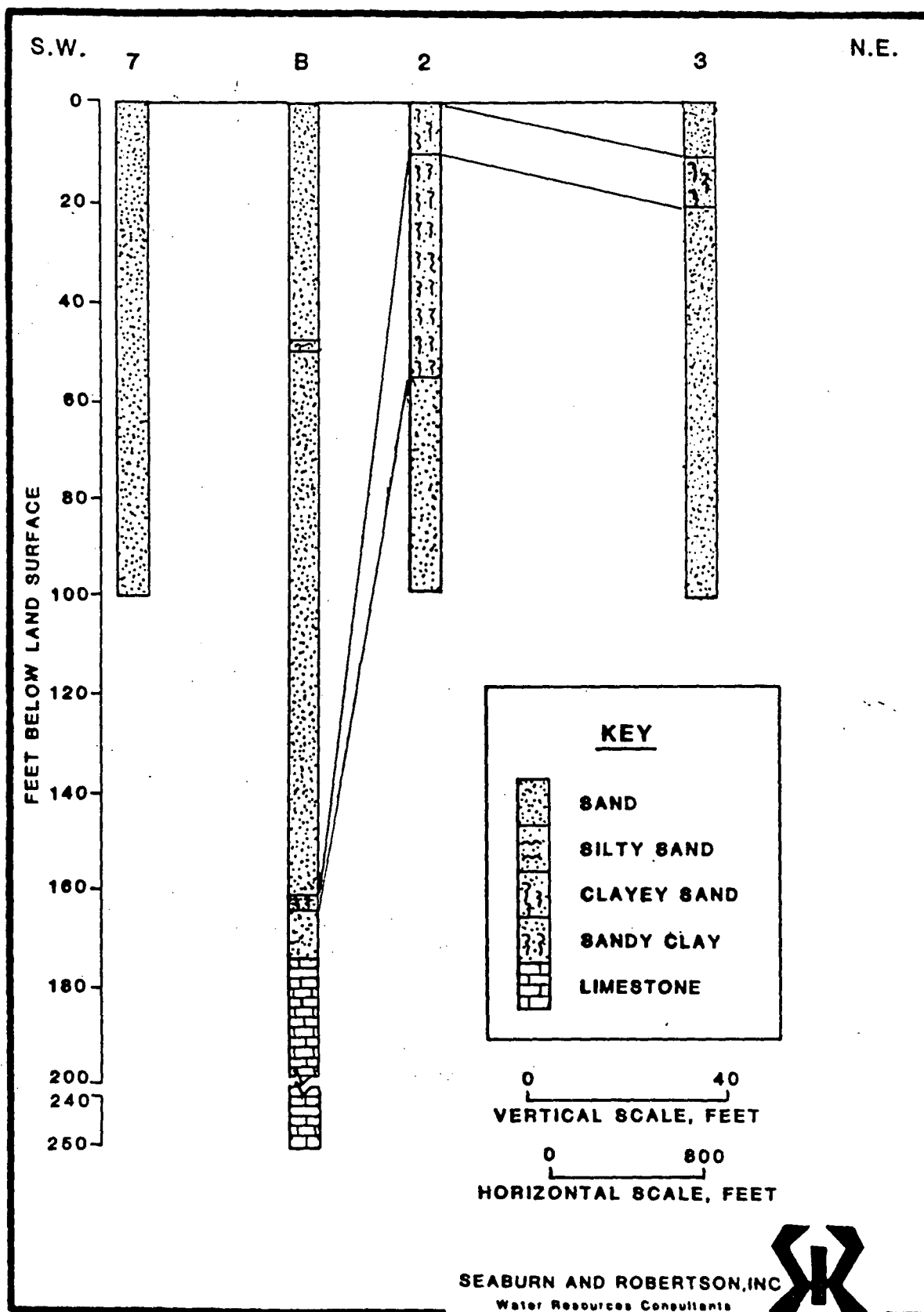
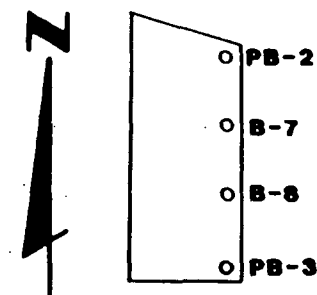
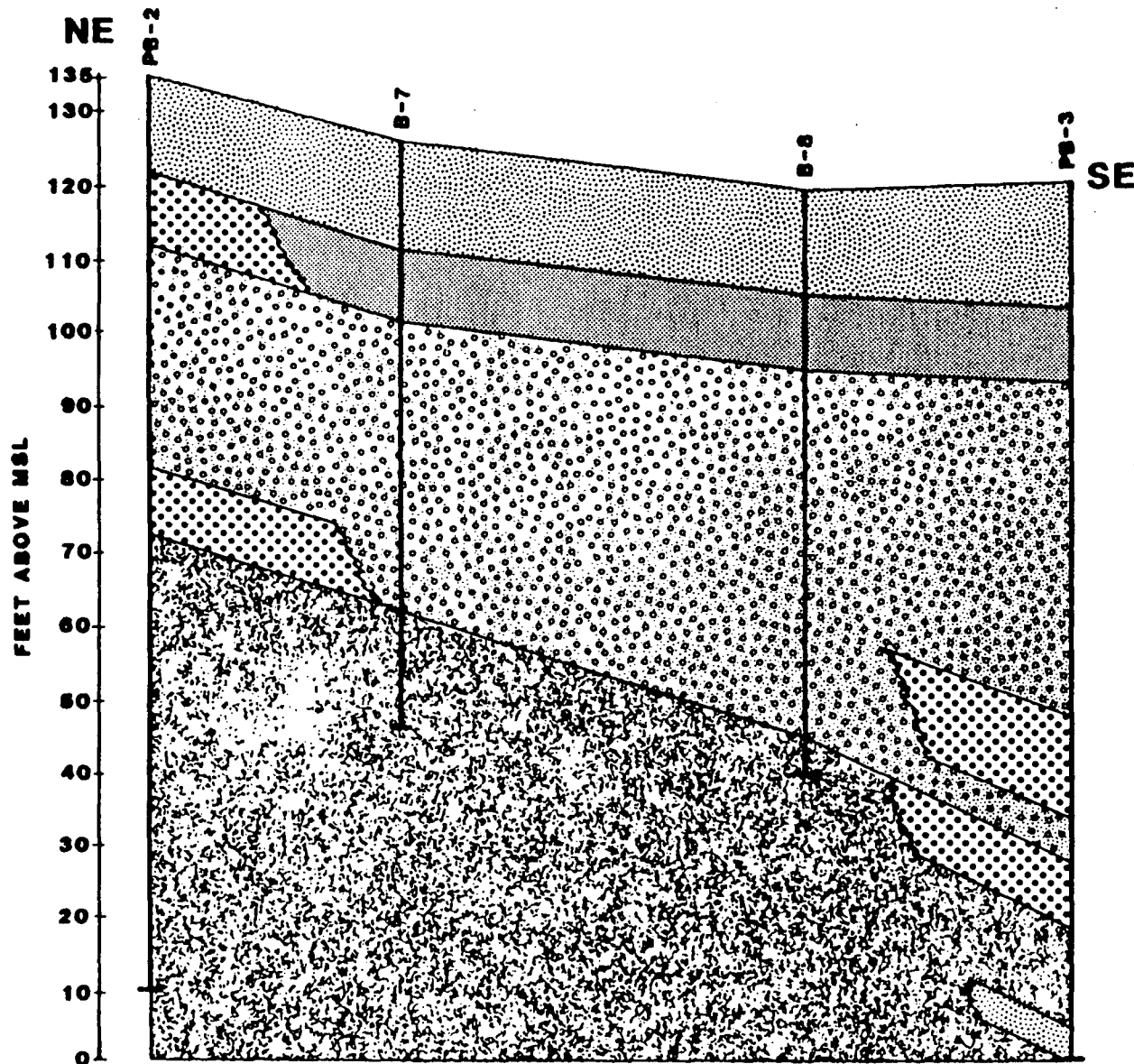
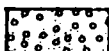


FIGURE 9.- GEOLOGIC CROSS-SECTION 7-B-2-3 AT CITRUS COUNTY LANDFILL.



EXPLANATION

-  FINE-MED. SAND
-  CLAYEY FINE SAND
-  SILTY FINE SAND
-  SILTY FINE-MED. SAND
-  SLIGHTLY CLAYEY, SILTY FINE SAND

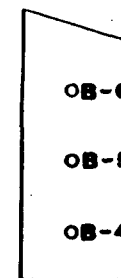
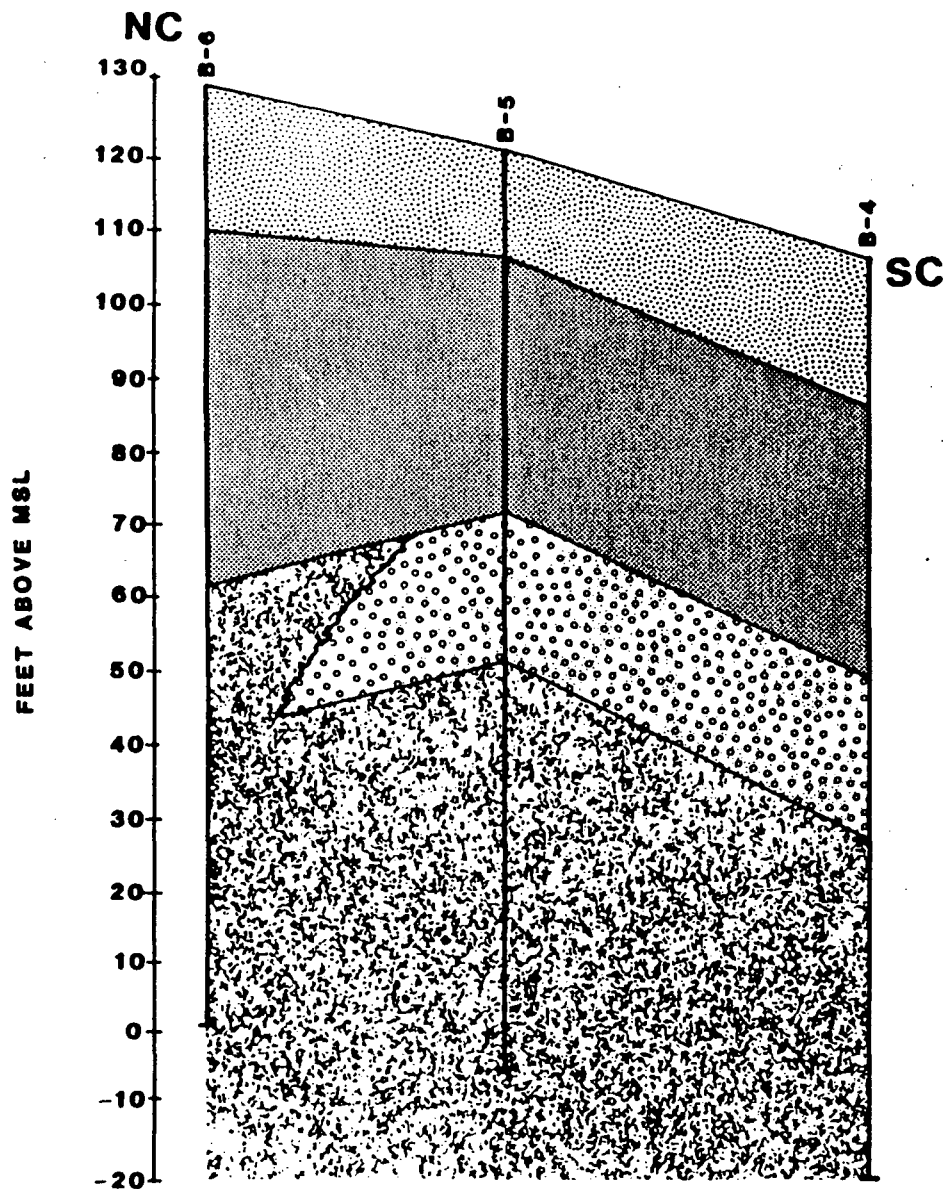
0 500'
SCALE FEET



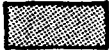
POST, BUCKLEY, SCHUH & JERNIGAN, INC.

NORTHEAST TO SOUTHEAST GEOLOGIC CROSS SECTION

FIGURE 6



EXPLANATION

-  FINE-MED. SAND
-  CLAYEY FINE SAND
-  SILTY FINE SAND
-  SILTY FINE-MED. SAND

0 500'
SCALE FEET

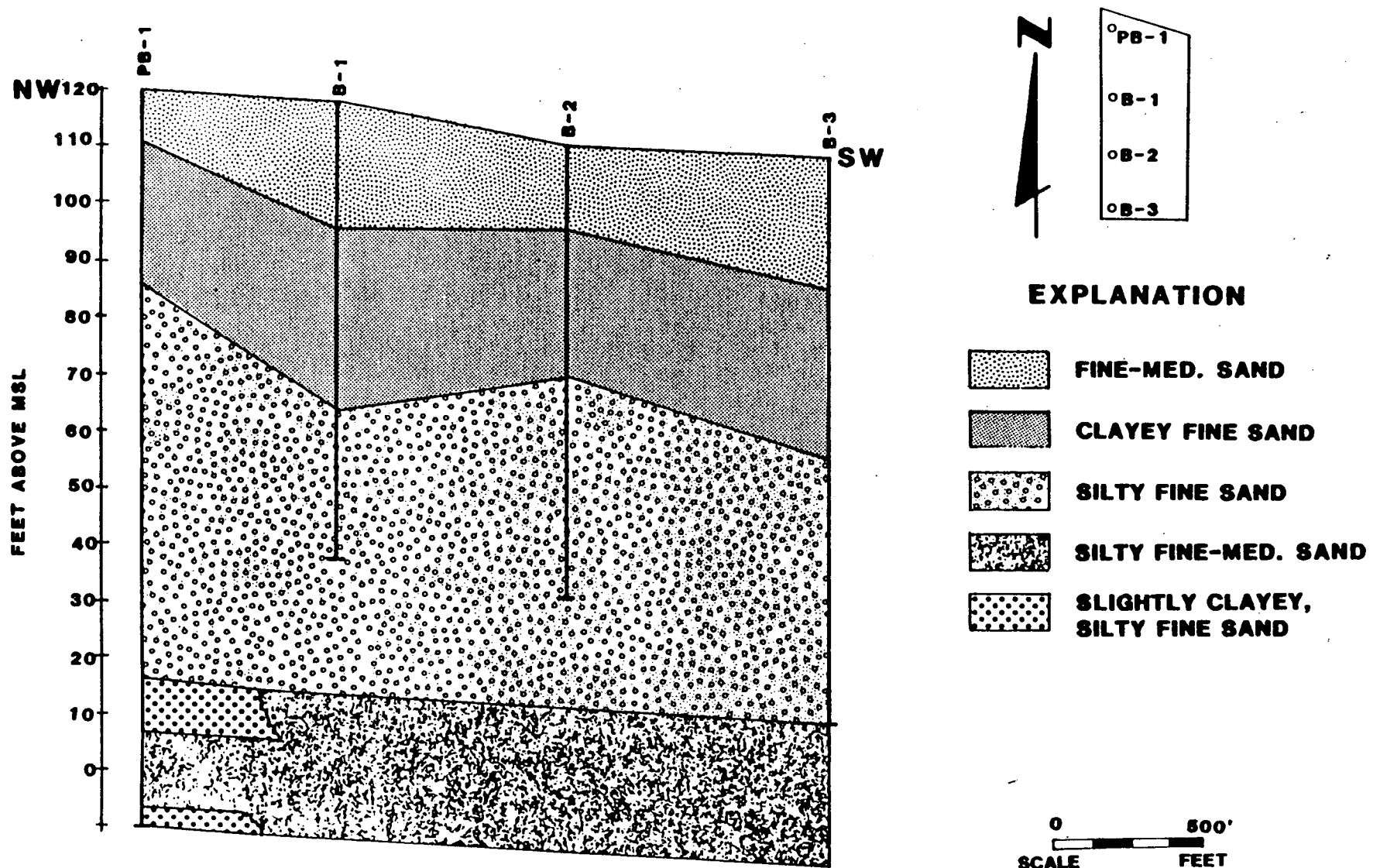
DRAFT



POST, BUCKLEY, SCHUH & JERNIGAN, INC.

NORTH CENTRAL TO SOUTH CENTRAL GEOLOGIC CROSS SECTION

FIGURE 7



DRAFT



POST, BUCKLEY, SCHUH & JERNIGAN, INC.

NORTHWEST TO SOUTHWEST GEOLOGIC CROSS SECTION

FIGURE 8

Appendix B

WELL PERMITS ISSUED REPORT

COUNTY: CITRUS

ISSUE DATE RANGE: 01/01/70 THRU 03/22/95

WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL DEPTH
129377.01	067033	D.A.B. DESIGN BUILDERS ADDRESS: 852 HWY 41 S	4.00 35-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		002017	ZIP: 32650-		PHONE: (000) 000-0000	
305646.01	048090	JOHNS, JAMES C ADDRESS: GENERAL DELIVERY	4.00 35-18-18 DOMESTIC CITY/STATE: LECANTO, FL		000026	159.0 ZIP: 32646-		PHONE: (000) 000-0000	175.0
315782.01	081659	C N GUINN ADDRESS: NO ADDRESS	4.00 35-18-18 DOMESTIC CITY/STATE: NO CITY, FL		999998	300.0 ZIP:	-	PHONE: (000) 000-0000	480.0
316567.01	082443	R SAMS ADDRESS: NO ADDRESS	4.00 35-18-18 DOMESTIC CITY/STATE: NO CITY, FL		999998	215.0 ZIP:	-	PHONE: (000) 000-0000	240.0
319857.01	085730	H DOWNING ADDRESS: NO ADDRESS	4.00 35-18-18 DOMESTIC CITY/STATE: NO CITY, FL		999998	50.0 ZIP:	-	PHONE: (000) 000-0000	
333465.01	081188	REED ADDRESS: NO ADDRESS	3.00 35-18-18 DOMESTIC CITY/STATE: NO CITY, FL		001584	140.0 ZIP:	-	PHONE: (000) 000-0000	160.0
349657.01	012354	ALEXIL REED ADDRESS: RT 1 BOX 152H	4.00 35-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001584	180.0 ZIP: 32650-		PHONE: (000) 000-0000	180.0
360456.01	020566	REED, MARK L ADDRESS: PO BOX 172	4.00 35-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPGS, FL		001584	ZIP: 32647-		PHONE: (000) 000-0000	
387596.01	041679	DEMIJOHN, FRANK ADDRESS: LOT 20 JIMS PLACE	4.00 35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001150	45.0 ZIP: 32629-		PHONE: (000) 000-0000	49.0
394081.01	045976	LINVILLE, EARL ADDRESS: LOT 2 BAUER ROAD	4.00 35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001584	268.0 ZIP: 32629-		PHONE: (000) 000-0000	280.0
394788.01	046774	JOHNS, J CLAYTON ADDRESS: STAR RT 1 BOX 152C	4.00 35-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		000026	ZIP: 32650-		PHONE: (000) 000-0000	
401155.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 35-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		001150	171.0 ZIP: 34668-		PHONE: (000) 000-0000	178.0
405840.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 110 COMMERCIAL WAY	4.00 35-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	112.0 ZIP: 33526-		PHONE: (000) 000-0000	119.0
406267.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001150	348.0 ZIP: 32664-		PHONE: (000) 000-0000	353.0
406299.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001150	162.0 ZIP: 32664-		PHONE: (000) 000-0000	182.0
407033.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00 35-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		001150	356.0 ZIP: 32647-		PHONE: (000) 000-0000	360.0
407035.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00 35-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		001150	470.0 ZIP: 32647-		PHONE: (000) 000-0000	500.0

WELL PERMITS ISSUED REPORT

COUNTY: CITRUS

ISSUE DATE RANGE: 01/01/70 THRU 03/22/95

WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL FROM	TO	DEPTH
407036.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	35-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	146.0	ZIP: 32647-	PHONE: (000) 000-0000	160.0		
409959.01	057567	MCCORMICK, M H ADDRESS: RT 3 BOX 155	4.00	35-18-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	002017	36.0	ZIP: 32646-	PHONE: (000) 000-0000	45.0		
410497.01	057964	SPECIAL EDITION HOMES ADDRESS: PO BOX 2398	4.00	35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001315	128.0	ZIP: 32629-	PHONE: (000) 000-0000	160.0		
410836.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	35-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	144.0	ZIP: 32647-	PHONE: (000) 000-0000	160.0		
411439.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	95.0	ZIP: 32642-	PHONE: (000) 000-0000	106.0		
412438.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	211.0	ZIP: 32664-	PHONE: (000) 000-0000	228.0		
412439.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	112.0	ZIP: 32664-	PHONE: (000) 000-0000	156.0		
412440.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	100.0	ZIP: 32664-	PHONE: (000) 000-0000	104.0		
412914.01	059449	DRUMMOND, DAN ADDRESS: LOT 28 REDDING STREET	4.00	35-18-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	205.0	ZIP: 32646-	PHONE: (000) 000-0000	228.0		
413646.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	112.0	ZIP: 32642-	PHONE: (000) 000-0000	155.0		
413647.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00	35-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL	001150	432.0	ZIP: 34668-	PHONE: (000) 000-0000	542.0		
414311.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 N.	4.00	35-18-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	116.0	ZIP: 32651-	PHONE: (904) 726-0973	159.0		
414690.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	148.0	ZIP: 32664-	PHONE: (000) 000-0000	165.0		
414691.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	110.0	ZIP: 32664-	PHONE: (000) 000-0000	113.0		
415150.01	059677	JOHN FLYNN BLDG ADDRESS: EAST HARTFORD STREET	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	95.0	ZIP: 32642-	PHONE: (000) 000-0000	97.0		
415734.01	032797	GULF TO LAKES CONSTRUCTION ADDRESS: 6208 W CORPORATE DRIVE	4.00	35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001150		ZIP: 32629-	PHONE: (000) 000-0000			
417842.01	062404	SPECIAL EDITIONS ADDRESS: P O BOX 2398	4.00	35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584		ZIP: 32629-	PHONE: (904) 746-4026			

WELL PERMITS ISSUED REPORT

COUNTY: CITRUS

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO	DEPTH
419678.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	145.0	ZIP: 32642-	PHONE: (000) 000-0000	160.0	
420206.01	063303	OSBORN, BILL ADDRESS: PO BOX 1201	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	ZIP: 32642-	PHONE: (000) 000-0000			
421782.01	052797	GULF TO LAKES CONSTRUCTION ADDRESS: 6208 W CORPORATE DRIVE	4.00	35-18-18	DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	360.0	ZIP: 32629-	PHONE: (000) 000-0000	400.0	
423282.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 116 COMMERCIAL WAY	4.00	35-18-18	DOMESTIC CITY/STATE: SPRING HILL, FL	002017	115.0	ZIP: 33526-	PHONE: (000) 000-0000	115.0	
423651.01	064621	PRISER ADDRESS: LOT 12 W MASS AVE	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	270.0	ZIP: 32642-	PHONE: (000) 000-0000	280.0	
423652.01	064622	ALBINO ADDRESS: LOT 34 W MASS AVE	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	136.0	ZIP: 32642-	PHONE: (000) 000-0000	160.0	
424065.01	062566	SAN MAR HOMES ADDRESS: PO BOX 2528	4.00	35-18-18	DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	126.0	ZIP: 32629-	PHONE: (000) 000-0000	140.0	
427082.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	156.0	ZIP: 32642-	PHONE: (000) 000-0000	170.0	
428391.01	066739	METEUKAUP, WILLIAM ADDRESS: LOT 14, MC GOWAN BLVD	4.00	35-18-18	DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002017	41.0	ZIP: 32629-	PHONE: (000) 000-0000	52.0	
429377.01	067033	D&B. DESIGN BUILDERS ADDRESS: 852 HWY 41 S.	4.00	35-18-18	DOMESTIC CITY/STATE: INVERNESS, FL	002017	30.0	ZIP: 32650-	PHONE: (000) 000-0000	43.0	
429746.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001584	143.0	ZIP: 32642-	PHONE: (000) 000-0000	180.0	
431423.01	067834	LEVESQUE, HENRY ADDRESS: LOT 11, W. TOCOMA	4.00	35-18-18	DOMESTIC CITY/STATE: LECANTO, FL	001584	260.0	ZIP: 32661-	PHONE: (000) 000-0000	280.0	
432378.01	043950	TASHERUA, ROMEO ADDRESS: PO BOX 365	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001150	291.0	ZIP: 32642-	PHONE: (000) 000-0000	292.0	
436760.01	049887	SAN-MAR HOMES ADDRESS: PO BOX 2528	4.00	35-18-18	DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	240.0	ZIP: 32629-	PHONE: (000) 000-0000	280.0	
436761.01	049887	SAN-MAR HOMES ADDRESS: PO BOX 2528	4.00	35-18-18	DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	147.0	ZIP: 32629-	PHONE: (000) 000-0000	160.0	
439795.01	114672	LINDQUIST, KEN ADDRESS: LOT 5 WEST OLYMPIA STREET	4.00	35-18-18	DOMESTIC CITY/STATE: OCALA, FL	001315	105.0	ZIP: 32670-	PHONE: (000) 000-0000	150.0	
449955.01	055338	CLARK, DOLORES ADDRESS: LOT 13 WEST OLYMPIA STREET	4.00	35-18-18	DOMESTIC CITY/STATE: HERNANDO, FL	001150	129.0	ZIP: 32642-	PHONE: (000) 000-0000	163.0	

WELL PERMITS ISSUED REPORT

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MCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO	DEPTH
453450.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 116 COMMERCIAL WAY	4.00	35-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL	009015	84.0	ZIP: 33526-	PHONE: (000) 000-0000		104.0
456739.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001584	142.0	ZIP: 32664-	PHONE: (000) 000-0000		172.0
459984.01	128678	ZACARDI, MR ADDRESS: 1299 UNION ST	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001584	370.0	ZIP: 32642-	PHONE: (000) 000-0000		400.0
467699.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	009015	232.0	ZIP: 32642-	PHONE: (000) 000-0000		239.0
470520.01	062566	SAN MAR HOMES ADDRESS: PO BOX 2528	4.00	35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	126.0	ZIP: 32629-	PHONE: (000) 000-0000		140.0
472538.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001584	125.0	ZIP: 32664-	PHONE: (000) 000-0000		145.0
475005.01	136960	COULLING GLENDON ADDRESS: LOT 24 VENTURI DR.	4.00	35-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	009015	111.0	ZIP: 32629-	PHONE: (000) 000-0000		158.0
476337.01	133147	BARFIELD LARRY ADDRESS: LOT 192 HARVERD	4.00	35-18-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	324.0	ZIP: 32650-	PHONE: (000) 000-0000		340.0
476985.01	138120	SCOTT, HOWARD ADDRESS: LOT 21 OLYMPIA ST	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	413.0	ZIP: 32642-	PHONE: (000) 000-0000		423.0
478005.01	138708	BURLEIGH, RICK ADDRESS: LOT 13 TACOMA ST	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	548.0	ZIP: 32642-	PHONE: (000) 000-0000		640.0
478976.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00	35-18-18 DOMESTIC CITY/STATE: OCALA, FL	001150	104.0	ZIP: 32678-	PHONE: (000) 000-0000		107.0
479417.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 116 COMMERCIAL WAY	4.00	35-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL	009015	120.0	ZIP: 33526-	PHONE: (000) 000-0000		130.0
481742.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	35-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001584	120.0	ZIP: 32664-	PHONE: (000) 000-0000		140.0
482328.01	141221	JACKSON, JAMES ADDRESS: LOT 22 STAFFORD ST	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001584	220.0	ZIP: 32642-	PHONE: (000) 000-0000		230.0
487685.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	009015	121.0	ZIP: 32642-	PHONE: (000) 000-0000		146.0
489934.01	145266	JACKSON, JAMES ADDRESS: LOT 23 M STAFFORD ST	4.00	35-18-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL	001584	120.0	ZIP: 32665-	PHONE: (000) 000-0000		163.0
501752.01	151519	UNDERWOOD, MITCH ADDRESS: PO BOX 2493	4.00	35-18-18 DOMESTIC CITY/STATE: OCALA, FL	001150	231.0	ZIP: 32678-	PHONE: (000) 000-0000		242.0

WELL PERMITS ISSUED REPORT

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL FROM	WELL TO	DEPTH
501756.01	151520	SPINOSA	4.00	35-18-18 DOMESTIC	001150	194.0					250.0
ADDRESS: LOT 19 BLOCK 63 PIERSON ST			CITY/STATE: CITRUS HILLS, FL		ZIP: 32678-		PHONE: (000) 000-0000				
503600.01	054041	FAIRWAY CUSTOM HOMES	4.00	35-18-18 DOMESTIC	009015	296.0					325.0
ADDRESS: 116 COMMERCIAL WAY			CITY/STATE: SPRING HILL, FL		ZIP: 33526-		PHONE: (000) 000-0000				
506439.01	054041	FAIRWAY CUSTOM HOMES	4.00	35-18-18 DOMESTIC	009015	161.0					171.0
ADDRESS: 116 COMMERCIAL WAY			CITY/STATE: SPRING HILL, FL		ZIP: 33526-		PHONE: (000) 000-0000				
507643.01	154498	FORD, PAUL R	4.00	35-18-18 DOMESTIC	009015	452.0					550.0
ADDRESS: LOT 18 UNION ST			CITY/STATE: LECANTO, FL		ZIP: -		PHONE: (000) 000-0000				
509488.01	010904	SOUTHERN COMFORT HOMES	4.00	35-18-18 DOMESTIC	001584	174.0					190.0
ADDRESS: P.O. BOX 298			CITY/STATE: MCINTOSH, FL		ZIP: 32664-		PHONE: (000) 000-0000				
512572.01	010904	SOUTHERN COMFORT HOMES	4.00	35-18-18 DOMESTIC	001584	105.0					145.0
ADDRESS: P.O. BOX 298			CITY/STATE: MCINTOSH, FL		ZIP: 32664-		PHONE: (000) 000-0000				
512870.01	054041	FAIRWAY CUSTOM HOMES	4.00	35-18-18 DOMESTIC	009015	232.0					240.0
ADDRESS: 116 COMMERCIAL WAY			CITY/STATE: SPRING HILL, FL		ZIP: 33526-		PHONE: (000) 000-0000				
514052.01	162896	HILLIAM GIGURE	4.00	35-18-18 DOMESTIC	001584	119.0					140.0
ADDRESS: LOT 4 OLYMPIA ST			CITY/STATE: HERNANDO, FL		ZIP: -		PHONE: (000) 000-0000				
517379.01	165649	RUANE CONSTRUCTION	4.00	35-18-18 DOMESTIC	001150	105.0					160.0
ADDRESS: P O BOX 2543			CITY/STATE: CRYSTAL RIVER, FL		ZIP: 34429-		PHONE: (000) 000-0000				
520046.01	168580	MALLACE HAMMERBESK	4.00	35-18-18 DOMESTIC	009015	93.0					105.0
ADDRESS: 570 N COUNTRY CLUB DR			CITY/STATE: CRYSTAL RIVER, FL		ZIP: 32629-		PHONE: (904) 795-0325				
521192.01	152418	SWEETWATER HOMES	4.00	35-18-18 DOMESTIC	009015	61.0					75.0
ADDRESS: 8016 S SUNCOAST BLVD			CITY/STATE: HOMOSASSA, FL		ZIP: 32646-		PHONE: (000) 000-0000				
532853.01	179596	REX HASELEY	4.00	35-18-18 DOMESTIC	009015	122.0					180.0
ADDRESS: LOT 2 MCGOWLIN CRYSTAL PARADISE			CITY/STATE: CRYTAL RIVER, FL		ZIP: 32696-		PHONE: (904) 382-4543				
533206.01	179936	COVEYCO INC	4.00	35-18-18 DOMESTIC	001150	386.0					395.0
ADDRESS: 2666 N FLORIDA AVE			CITY/STATE: HERNANDO, FL		ZIP: 34442-		PHONE: (000) 000-0000				
539001.01	196922	JESSE LEBEBRON	4.00	35-18-18 DOMESTIC	001342	336.0					344.0
ADDRESS: 1215 WEST PEARSON ST			CITY/STATE: HERNANDO, FL		ZIP: 34442-		PHONE: (000) 000-0000				
543834.01	069512	COVEY CONSTRUCTION HOMES	4.00	35-18-18 DOMESTIC	001150	208.0					216.0
ADDRESS: 2066 NORTH FLORIDA AVE			CITY/STATE: INVERNESS, FL		ZIP: 34482-		PHONE: (000) 000-0000				
549853.01	205988	AL MITCHELL	4.00	35-18-18 DOMESTIC	001693	158.0					165.0
ADDRESS: LOT 16 WEST REDDING STREET			CITY/STATE: LECANTO, FL		ZIP: 34436-		PHONE: (000) 000-0000				
557307.01	187709	LITRELL CUSTOM HOMES	4.00	35-18-18 DOMESTIC	009015	111.0					113.0
ADDRESS: 9454 W CARAVAN PATH			CITY/STATE: CRYSTAL RIVER, FL		ZIP: 34428-		PHONE: (904) 495-7502				

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COUNTY: CITRUS

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL DEPTH
557777.01	166792	CITRUS HILLS CONSTRUCTION ADDRESS: 2472 NORTH ESSEX AVENUE	4.00	35-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150		ZIP: 34442-	PHONE: (000) 000-0000	
557920.01	166792	CITRUS HILLS CONSTRUCTION WELL LOC: 1910 WEST PICKET COURT	4.00	35-18-18 DOMESTIC	001150	322.0	286.0	370.0	460.0 PHONE: (000) 000-0000
558919.01	166792	CITRUS HILLS CONSTRUCTION WELL LOC: LOT 5 WEST LEGION COURT	4.00	35-18-18 DOMESTIC	001150	112.0			138.0 PHONE: (000) 000-0000
559768.01	142015	HITCH UNDERWOOD CONSTRUCTION WELL LOC: LOT 23 REDDING ST	4.00	35-18-18 DOMESTIC	001150	214.0			240.0 PHONE: (000) 000-0000
565120.01	142015	HITCH UNDERWOOD CONSTRUCTION WELL LOC: LOT 7 BLK 68 W TACOMA ST	4.00	35-18-18 DOMESTIC	001150				PHONE: (000) 000-0000
312833.01	078711	J BUFFINGTO ADDRESS: NO ADDRESS	3.00	36-18-18 PUBLIC SUPPLY CITY/STATE: NO CITY, FL	999998	147.0	-		186.0 PHONE: (000) 000-0000
313782.01	079659	C GALASON ADDRESS: NO ADDRESS	4.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	101.0	-		178.0 PHONE: (000) 000-0000
318356.01	084229	D WARREN ADDRESS: NO ADDRESS	4.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	141.0	-		158.0 PHONE: (000) 000-0000
319278.01	080233	J BAKER ADDRESS: NO ADDRESS	4.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	105.0	-		180.0 PHONE: (000) 000-0000
320852.01	013906	AVANZINI HOMES CORP ADDRESS: 1610 W MAIN ST	3.00	36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL	999998	72.0	ZIP: 32650-		75.0 PHONE: (904) 795-5383
321128.01	087001	J RHODEY ADDRESS: NO ADDRESS	3.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	36.0	-		39.0 PHONE: (000) 000-0000
329116.01	071827	WATSON ADDRESS: NO ADDRESS	4.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	001584	180.0	-		200.0 PHONE: (000) 000-0000
332529.01	098368	R NICODEMUS ADDRESS: NO ADDRESS	4.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	62.0	-		100.0 PHONE: (000) 000-0000
343923.01	109509	CAMPBELL, B ADDRESS: NO ADDRESS	3.00	36-18-18 DOMESTIC CITY/STATE: NO CITY, FL	001877		-		PHONE: (000) 000-0000
351066.01	145122	B G RUSAM INC ADDRESS: P O BOX 776	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	240.0	ZIP: 34423-		240.0 PHONE: (000) 000-0000
351133.01	007480	F. AVANZINI LUMBER COMPANY, INC. ADDRESS: 1610 WEST MAIN STREET	4.00	36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL	001584		ZIP: 32650-		PHONE: (904) 726-1864
354775.01	016257	PRICE, DONALD ADDRESS: BOX 315	4.00	36-18-18 DOMESTIC CITY/STATE: LECANTO, FL	002096		ZIP: 32661-		PHONE: (000) 000-0000

WELL PERMITS ISSUED REPORT

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO	DEPTH
357511.01	018385	SMITH, JOHN ADDRESS: 33 S HARRISON ST	4.00	36-18-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL	001150		ZIP: 32661-	PHONE: (000) 000-0000		
361021.01	145122	B G RUSAM INC ADDRESS: P O BOX 776	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	160.0	ZIP: 34423-	PHONE: (000) 000-0000		160.0
372758.01	029755	TURNER, HELEN & RHOADES, WARREN ADDRESS: BAUER RD	4.00	36-18-18 DOMESTIC CITY/STATE: LECANTO, FL	002017	97.0	ZIP: 32661-	PHONE: (000) 000-0000		137.0
393487.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	448.0	ZIP: 32647-	PHONE: (000) 000-0000		488.0
393488.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	484.0	ZIP: 32647-	PHONE: (000) 000-0000		560.0
397247.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00	36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL	001150	232.0	ZIP: 34668-	PHONE: (000) 000-0000		236.0
397895.01	043266	B G RUSAM INC ADDRESS: PO BOX 776	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	120.0	ZIP: 34423-	PHONE: (904) 746-6500		140.0
398742.01	050195	RUSSO, JOHN ADDRESS: LOT 25 CHERRYWOOD LANE	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002017	145.0	ZIP: 32629-	PHONE: (000) 000-0000		198.0
400851.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	115.0	ZIP: 32664-	PHONE: (000) 000-0000		120.0
400852.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	235.0	ZIP: 32664-	PHONE: (000) 000-0000		250.0
400906.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150		ZIP: 32647-	PHONE: (000) 000-0000		
400987.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00	36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	355.0	ZIP: 32647-	PHONE: (000) 000-0000		359.0
402343.01	052533	TASHEREAV, ROMEO ADDRESS: LOT 25 CUMBERLAND STREET	4.00	36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	168.0	ZIP: 32642-	PHONE: (000) 000-0000		188.0
402400.01	052577	DUNCAN, MICHAEL ADDRESS: RT 1 BOX 443	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002017	23.0	ZIP: 32629-	PHONE: (000) 000-0000		30.0
402610.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	268.0	ZIP: 32664-	PHONE: (000) 000-0000		310.0
403843.01	053604	MACHLEIT, BILL ADDRESS: 2200 FRESNO STREET	4.00	36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL	001315		ZIP: 32650-	PHONE: (000) 000-0000		
404103.01	053695	MACHLEIT, WILLIAM ADDRESS: LOT 45 FRESNO AVE	4.00	36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL	001150	230.0	ZIP: 32642-	PHONE: (000) 000-0000		245.0

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL FROM	TO	DEPTH
404563.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 116 COMMERCIAL WAY	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	186.0 ZIP: 33526-					195.0 PHONE: (000) 000-0000
405642.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		001150	345.0 ZIP: 32647-					350.0 PHONE: (000) 000-0000
405643.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		001150	315.0 ZIP: 32647-					319.0 PHONE: (000) 000-0000
405797.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		001150	318.0 ZIP: 34668-					325.0 PHONE: (000) 000-0000
406089.01	054041	FAIRWAY CUSTOM HOMES ADDRESS: 116 COMMERCIAL WAY	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	118.0 ZIP: 33526-					140.0 PHONE: (000) 000-0000
407037.01	010160	JOHN FLYNN CONSTRUCTION ADDRESS: P.O. BOX 2286	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		001150	220.0 ZIP: 32647-					230.0 PHONE: (000) 000-0000
407742.01	056234	THOMAS, BEN L ADDRESS: LOT 2 FOX LANE	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002017	69.0 ZIP: 32629-					70.0 PHONE: (000) 000-0000
407890.01	053310	A C E R CONSTRUCTION ADDRESS: 851 HIGHWAY 41	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	140.0 ZIP: 32650-					166.0 PHONE: (000) 000-0000
408151.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	250.0 ZIP: 32651-					260.0 PHONE: (904) 726-0973
408154.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	225.0 ZIP: 32642-					250.0 PHONE: (000) 000-0000
408264.01	054951	SANMAR HOMES ADDRESS: PO BOX 2528	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001150	300.0 ZIP: 34429-					306.0 PHONE: (904) 621-1221
408807.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	332.0 ZIP: 32642-					340.0 PHONE: (000) 000-0000
408887.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001150	230.0 ZIP: 32664-					240.0 PHONE: (000) 000-0000
409734.01	057479	ZANETTI, JOHN ADDRESS: 8491 NW HWY 225A	4.00 36-18-18 DOMESTIC CITY/STATE: OCALA, FL		001150	132.0 ZIP: 34475-					145.0 PHONE: (000) 000-0000
411509.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		001150	149.0 ZIP: 34668-					160.0 PHONE: (000) 000-0000
414320.01	051721	SLACK, C R ADDRESS: PO BOX 1028	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001584	25.0 ZIP: 32629-					30.0 PHONE: (000) 000-0000
414379.01	054951	SANMAR HOMES ADDRESS: PO BOX 2528	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001150						ZIP: 34429- PHONE: (904) 621-1221

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SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO DEPTH
414452.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		001150		ZIP: 34668-	PHONE: (000) 000-0000	
414689.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001150	108.0	ZIP: 32664-	PHONE: (000) 000-0000	130.0
415452.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 N.	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	150.0	ZIP: 32651-	PHONE: (904) 726-0973	155.0
417878.01	062211	STORMS, LINDA ADDRESS: PO BOX 1154	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002017	310.0	ZIP: 32629-	PHONE: (000) 000-0000	335.0
418265.01	062566	SAN MAR HOMES ADDRESS: PO BOX 2528	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001584	245.0	ZIP: 32629-	PHONE: (000) 000-0000	260.0
418349.01	020099	TAB DEEB CONSTRUCTION CO INC ADDRESS: 390 EAST HARTFORD STREET	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001584	233.0	ZIP: 32642-	PHONE: (000) 000-0000	255.0
420891.01	062566	SAN MAR HOMES ADDRESS: PO BOX 2528	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001584	290.0	ZIP: 32629-	PHONE: (000) 000-0000	320.0
421497.01	063928	DAN DRUMMOND CONST ADDRESS: 15199 MORRIS BISHOP LOOP	4.00 36-18-18 DOMESTIC CITY/STATE: BROOKSVILLE, FL		001584		ZIP: 33573-	PHONE: (000) 000-0000	
421683.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150		ZIP: 32642-	PHONE: (000) 000-0000	
421684.01	049369	FAIRWAY HOMES ADDRESS: 250 EAST HARTFORD	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150		ZIP: 32642-	PHONE: (000) 000-0000	
422566.01	063828	PRICE, RICHARD ADDRESS: LOT 349 VENTURI DR	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002268	72.0	ZIP: 32629-	PHONE: (000) 000-0000	90.0
422863.01	064546	N ROBERTS ADDRESS: LOT 27 GRANDVIEW	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001584	239.0	ZIP: 32642-	PHONE: (000) 000-0000	350.0
424952.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	228.0	ZIP: 32664-	PHONE: (000) 000-0000	250.0
425899.01	063928	DAN DRUMMOND CONST ADDRESS: 15199 MORRIS BISHOP LOOP	4.00 36-18-18 DOMESTIC CITY/STATE: BROOKSVILLE, FL		002134	252.0	ZIP: 33573-	PHONE: (000) 000-0000	400.0
425911.01	065546	REED, WALTER ADDRESS: LOTS 8, 9 & 10 N. ORANGE LA.	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002017	61.0	ZIP: 32629-	PHONE: (000) 000-0000	65.0
426413.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 N.	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	140.0	ZIP: 32651-	PHONE: (904) 726-0973	145.0
426432.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001315	172.0	ZIP: 32664-	PHONE: (000) 000-0000	183.0

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL DIAMETER	LOCATION S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO	WELL DEPTH
426433.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001315	174.0	ZIP: 32664-	PHONE: (000) 000-0000	186.0	
428497.01	015541	BAZEMORE, BILL ADDRESS: PO BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001315	93.0	ZIP: 32664-	PHONE: (000) 000-0000	110.0	
428609.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	247.0	ZIP: 32664-	PHONE: (000) 000-0000	255.0	
429741.01	028871	DIDONNA, VINCENT ADDRESS: 432 COQUINA DR	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002017	121.0	ZIP: 32629-	PHONE: (000) 000-0000	127.0	
430557.01	067449	ART JOHNSON BUILDER ADDRESS: 1498 ALTO-VERDE TERR	4.00	36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	285.0	ZIP: 32650-	PHONE: (000) 000-0000	327.0	
430944.01	067630	RUSSELL, MIKE ADDRESS: LOT 43, FRESNO STREET	4.00	36-18-18 DOMESTIC CITY/STATE: LECANTO, FL		001342	193.0	ZIP: 32661-	PHONE: (000) 000-0000	221.0	
431494.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		002134	84.0	ZIP: 32664-	PHONE: (000) 000-0000	110.0	
431555.01	059677	JOHN FLYNN BLDG ADDRESS: EAST HARTFORD STREET	4.00	36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	301.0	ZIP: 32642-	PHONE: (000) 000-0000	305.0	
432103.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		002134	218.0	ZIP: 32664-	PHONE: (000) 000-0000	240.0	
433319.01	043221	GULF TO LAKES CORPORATION ADDRESS: 2600 WEST BLACK DIAMOND CIRCLE	4.00	36-18-18 DOMESTIC CITY/STATE: LECANTO, FL		001584	179.0	ZIP: 34461-	PHONE: (904) 746-4000	220.0	
436881.01	063928	DAN DRUMMOND CONST ADDRESS: 15199 MORRIS BISHOP LOOP	4.00	36-18-18 DOMESTIC CITY/STATE: BROOKSVILLE, FL		001584	240.0	ZIP: 33573-	PHONE: (000) 000-0000	320.0	
437491.01	113573	AVOLA, JOSEPH ADDRESS: 80 N INDIANAPOLIS	4.00	36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		002225		ZIP: 32642-	PHONE: (000) 000-0000	140.0	
437685.01	113573	AVOLA, JOSEPH ADDRESS: 80 N INDIANAPOLIS	4.00	36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	305.0	ZIP: 32642-	PHONE: (000) 000-0000	308.0	
438669.01	114124	DIDONNA, VINCENT ADDRESS: LOT 11 N FLOURENE PT	4.00	36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		002017	71.0	ZIP: 32629-	PHONE: (000) 000-0000	75.0	
438975.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	296.0	ZIP: 32664-	PHONE: (000) 000-0000	320.0	
441878.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00	36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		001584	345.0	ZIP: 34668-	PHONE: (000) 000-0000	360.0	
442589.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	252.0	ZIP: 32664-	PHONE: (000) 000-0000	270.0	

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MCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM TO	LINER FROM TO	WELL DEPTH
442696.01	115976	BARTOLUCCI, VINCENT ADDRESS: LOT 19 OLYMPIA STREET	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	237.0	ZIP: 32642- PHONE: (000) 000-0000		240.0
445436.01	117283	NEITZEL, JAMES P ADDRESS: LOT 30 FRESNO STREET	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	138.0	ZIP: 32642- PHONE: (000) 000-0000		145.0
446283.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	180.0	ZIP: 32664- PHONE: (000) 000-0000		220.0
452527.01	122994	MORSE, EDWARD ADDRESS: 318 E CUMBERLAND AVE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	184.0	ZIP: 32642- PHONE: (000) 000-0000		190.0
462619.01	130516	HONGIORI, ROBERT ADDRESS: 243 INDIANAPOLIS AVE	4.00 36-18-18 DOMESTIC CITY/STATE: LECANTO, FL		001342	289.0	ZIP: 32661- PHONE: (000) 000-0000		301.0
465059.01	131820	BARRY, JOSEPH ADDRESS: LOT 13 W. NATIONAL ST	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	133.0	ZIP: 32642- PHONE: (000) 000-0000		143.0
465265.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	255.0	ZIP: 32664- PHONE: (000) 000-0000		290.0
467260.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	145.0	ZIP: 32664- PHONE: (000) 000-0000		185.0
467777.01	115976	BARTOLUCCI, VINCENT ADDRESS: LOT 19 OLYMPIA STREET	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	226.0	ZIP: 32642- PHONE: (000) 000-0000		240.0
471475.01	135183	REED, WALTER ADDRESS: 6466 W ORANGE LANE	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		009015	63.0	ZIP: 32629- PHONE: (000) 000-0000		65.0
473473.01	136113	PINECREST BUILDING CORP ADDRESS: 58 JAMAICA ST	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		001150	300.0	ZIP: 32646- PHONE: (000) 000-0000		310.0
475966.01	137818	REED, WALTER ADDRESS: LOTS 3 & 4 ORANGE ST	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		009015	99.0	ZIP: 32629- PHONE: (000) 000-0000		104.0
478611.01	054951	SANMAR HOMES ADDRESS: PO BOX 2528	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001150	190.0	ZIP: 34429- PHONE: (904) 621-1221		195.0
479418.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		009015	203.0	ZIP: 34668- PHONE: (000) 000-0000		240.0
480407.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	218.0	ZIP: 32664- PHONE: (000) 000-0000		240.0
485759.01	143180	DAVIS, RONLAD ADDRESS: 405 N HEDRICK	4.00 36-18-18 DOMESTIC CITY/STATE: LECANTO, FL		009015	210.0	ZIP: 32661- PHONE: (000) 000-0000		240.0
486559.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00 36-18-18 DOMESTIC CITY/STATE: PORT RICHEY, FL		009015	225.0	ZIP: 34668- PHONE: (000) 000-0000		280.0

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491262.01	145960	HANN, ROBERT ADDRESS: 371 N GRANDVIEW TERRACE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	159.0 ZIP: 32642-		PHONE: (000) 000-0000	179.0
500187.01	010456	FAIRWAY HOME BUILDERS ADDRESS: 1302 EAST TIMBERLANE	4.00 36-18-18 DOMESTIC CITY/STATE: PLANT CITY, FL		009015	142.0 ZIP: 33566-		PHONE: (000) 000-0000	155.0
500948.01	151077	SMITH, ROGER ADDRESS: LOT 32 FRESNO	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001584	168.0 ZIP: 32642-		PHONE: (000) 000-0000	185.0
501562.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 36-18-18 DOMESTIC CITY/STATE: MCINTOSH, FL		001584	300.0 ZIP: 32664-		PHONE: (000) 000-0000	320.0
501878.01	136502	DEEP SOUTH HOMES ADDRESS: 1331 NOAH AVE	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	310.0 ZIP: 34608-		PHONE: (000) 000-0000	340.0
504391.01	065393	ANDRES HOMES ADDRESS: 2037 STONEVILLE DR.	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	259.0 ZIP: 33526-		PHONE: (000) 000-0000	265.0
505165.01	037475	UNITED BUILDERS ADDRESS: PO BOX 1922	4.00 36-18-18 DOMESTIC CITY/STATE: MERRITT ISLAND, FL		001150	29.0 ZIP: 32952-		PHONE: (000) 000-0000	35.0
519687.01	166792	CITRUS HILLS CONSTRUCTION ADDRESS: 2472 NORTH ESSEX AVENUE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	228.0 ZIP: 34442-		PHONE: (000) 000-0000	240.0
520851.01	169226	BERNARD LARIE ADDRESS: P O BOX 1766	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		009015	230.0 ZIP: 32642-		PHONE: (904) 344-2773	235.0
521215.01	169528	C SLACK ADDRESS: PO BOX 1028	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001073	47.0 ZIP: 32696-		PHONE: (000) 000-0000	57.0
525437.01	166792	CITRUS HILLS CONSTRUCTION ADDRESS: 2472 NORTH ESSEX AVENUE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	143.0 ZIP: 34442-		PHONE: (000) 000-0000	156.0
526893.01	141849	HALL BROTHERS ADDRESS: 4775 NORTH LECANTO HIGHWAY	4.00 36-18-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL		001150	225.0 ZIP: 34465-		PHONE: (000) 000-0000	247.0
527805.01	141849	HALL BROTHERS ADDRESS: 4775 NORTH LECANTO HIGHWAY	4.00 36-18-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL		001150	159.0 ZIP: 34465-		PHONE: (000) 000-0000	164.0
532852.01	179595	WALTER REED ADDRESS: LOT 89-10 N MANGO ST	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		009015	31.0 ZIP: 34429-		PHONE: (904) 795-3527	40.0
533159.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00 36-18-18 DOMESTIC CITY/STATE: OCALA, FL		001150	84.0 ZIP: 32678-		PHONE: (000) 000-0000	110.0
537311.01	041477	COZY HOMES ADDRESS: 4376 MARINER BLVD	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		002263	158.0 ZIP: 34609-		PHONE: (000) 000-0000	165.0
541694.01	136739	ALL STYLE BUILDERS ADDRESS: 11010 SPRING HILL DR	4.00 36-18-18 DOMESTIC CITY/STATE: SPRING HILL, FL		001150	186.0 ZIP: 34601-		PHONE: (000) 000-0000	188.0

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HCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR PRIM ID	TELESCOPE DEPTH FROM TO	LINER FROM TO	WELL TO DEPTH
541791.01	166792	CITRUS HILLS CONSTRUCTION ADDRESS: 2472 NORTH ESSEX AVENUE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	356.0 ZIP: 34442-	PHONE: (000) 000-0000	370.0
542426.01	145122	B G RUSAM INC ADDRESS: P O BOX 776	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001150	186.0 ZIP: 34423-	PHONE: (000) 000-0000	220.0
545595.01	202780	WALTER REED ADDRESS: 6466 WEST ORANGE STREET	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		009015	64.0 ZIP: 34429-	PHONE: (904) 795-3527	66.0
546650.01	166792	CITRUS HILLS CONSTRUCTION ADDRESS: 2472 NORTH ESSEX AVENUE	4.00 36-18-18 DOMESTIC CITY/STATE: HERNANDO, FL		001150	480.0 ZIP: 34442-	PHONE: (000) 000-0000	500.0
546800.01	043265	GOLD CREST HOMES ADDRESS: 5464 S SUNCOAST BLVD	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002263	150.0 ZIP: 34446-	PHONE: (904) 628-2025	160.0
549625.01	205795	TED MASLOWSKI ADDRESS: LOT 6 INDIANAPOLIS	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	379.0 ZIP: 34450-	PHONE: (000) 000-0000	400.0
549749.01	205925	GENEVA C EDGE ADDRESS: 6276 WEST ARTER STREET	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001073	121.0 ZIP: -	PHONE: (000) 000-0000	202.0
551307.01	051721	SLACK, C R ADDRESS: PO BOX 1028	4.00 36-18-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL		001073	265.0 ZIP: 32629-	PHONE: (000) 000-0000	224.0
552976.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	233.0 ZIP: 32651-	PHONE: (000) 000-0000	240.0
555990.01	043265	GOLD CREST HOMES ADDRESS: 5464 S SUNCOAST BLVD	4.00 36-18-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002263	132.0 ZIP: 34446-	PHONE: (904) 628-2025	140.0
556577.01	142015	MITCH UNDERWOOD CONSTRUCTION WELL LOC: LOT 12 NORTH INDIANAPOLIS AVE.	4.00 36-18-18 DOMESTIC		001150	180.0	PHONE: (000) 000-0000	200.0
557472.01	145122	B G RUSAM INC WELL LOC: WEST MASSACHUSETTS	4.00 36-18-18 DOMESTIC		001150	345.0	PHONE: (000) 000-0000	350.0
558437.01	179094	NEW WORLD REALTY TRUST ADDRESS: LOT 21 W KEELER ST	4.00 36-18-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	ZIP: 34450-	PHONE: (000) 000-0000	
559209.01	052577	DUNCAN, MICHAEL WELL LOC: 6200 W WOODSIDE CIRCLE	4.00 36-18-18 DOMESTIC		001073		PHONE: (000) 000-0000	
559774.01	166792	CITRUS HILLS CONSTRUCTION WELL LOC: LOT 10 OLYMPIA ST	4.00 36-18-18 DOMESTIC		001150	196.0	PHONE: (000) 000-0000	208.0
561567.01	214669	MARILYN C KAMANN WELL LOC: LOT 10 NORTH GRIFFITH	4.00 36-18-18 DOMESTIC		001073		PHONE: (904) 795-6965	
562193.01	154621	DEEB CUSTOM HOMES WELL LOC: LOT 7 BLK 47 MASSACHUSETTES ST	4.00 36-18-18 DOMESTIC		001150	304.0	PHONE: (000) 000-0000	310.0

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563903.01	216388	VALARIE BAGLEY	4.00	36-18-18 DOMESTIC	009042			
WELL LOC: LOT 11 BLK H RUSH ST							PHONE: (904) 746-1222	

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO DEPTH
323804.01	089672	P BAKER ADDRESS: NO ADDRESS	4.00 31-18-19 DOMESTIC CITY/STATE: NO CITY, FL		001584	250.0 ZIP:	-	PHONE: (000) 000-0000	280.0 000-0000
328852.01	013906	AVANZINI HOMES CORP ADDRESS: 1610 W MAIN ST	3.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001142	105.0 ZIP: 32650-		PHONE: (904) 795-5383	115.0 795-5383
329219.01	095081	JOHN WHITE ADDRESS: NO ADDRESS	3.00 31-18-19 DOMESTIC CITY/STATE: NO CITY, FL		001150	68.0 ZIP:	-	PHONE: (000) 000-0000	74.0 000-0000
344091.01	109631	PARLIAMENT ADDRESS: NO ADDRESS	4.00 31-18-19 DOMESTIC CITY/STATE: NO CITY, FL		001150	ZIP:	-	PHONE: (000) 000-0000	000-0000
348057.01	011104	CARL BABLER ADDRESS: 11 BURBANK AVE	4.00 31-18-19 DOMESTIC CITY/STATE: STATEN ILS., NY		001150	110.0 ZIP: 10306-		PHONE: (000) 000-0000	116.0 000-0000
354503.01	011345	O.J. MARKHAN ADDRESS: 421 NE 39TH ST LOT 40	4.00 31-18-19 DOMESTIC CITY/STATE: POMANO BEACH, FL		001150	175.0 ZIP: 33064-		PHONE: (000) 000-0000	184.0 000-0000
357408.01	010592	EURON CORPORATION ADDRESS: NAUTILAUS ROAD, LOT 3368-69-70	4.00 31-18-19 DOMESTIC CITY/STATE: AVON PARK, FL		001150	145.0 ZIP: 33825-		PHONE: (000) 000-0000	160.0 000-0000
358754.01	019247	LABRANCHE, ROLAND ADDRESS: RT 3, BOX 449	4.00 31-18-19 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	182.0 ZIP: 32646-		PHONE: (000) 000-0000	184.0 000-0000
359221.01	010592	EURON CORPORATION ADDRESS: NAUTILAUS ROAD, LOT 3368-69-70	4.00 31-18-19 DOMESTIC CITY/STATE: AVON PARK, FL		001150	135.0 ZIP: 33825-		PHONE: (000) 000-0000	142.0 000-0000
366162.01	010592	EURON CORPORATION ADDRESS: NAUTILAUS ROAD, LOT 3368-69-70	4.00 31-18-19 DOMESTIC CITY/STATE: AVON PARK, FL		001150	188.0 ZIP: 33825-		PHONE: (000) 000-0000	190.0 000-0000
375373.01	032054	RITTER, STEVE ADDRESS: RT 2, BOX 774-D	2.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001343	31.0 ZIP: 32650-		PHONE: (000) 000-0000	37.0 000-0000
379720.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001150	212.0 ZIP: 32651-		PHONE: (904) 726-0973	218.0 726-0973
379863.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001150	212.0 ZIP: 32651-		PHONE: (904) 726-0973	212.0 726-0973
380143.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001150	187.0 ZIP: 32651-		PHONE: (904) 726-0973	192.0 726-0973
381881.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001150	280.0 ZIP: 32651-		PHONE: (904) 726-0973	300.0 726-0973
381887.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		001150	150.0 ZIP: 32651-		PHONE: (904) 726-0973	155.0 726-0973
382793.01	038527	DOUBLE D RANCH ADDRESS: TURNER CAMP RD	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL		002134	42.0 ZIP: 32650-		PHONE: (000) 000-0000	50.0 000-0000

WELL PERMITS ISSUED REPORT

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	FROM TO	WELL DEPTH
383743.01	013871	SUN WORLD DEV ADDRESS: LOT 338 THUNDERBIRD RD	4.00	31-18-19 DOMESTIC CITY/STATE: SEBRING, FL	001150	191.0 ZIP: 33870-			PHONE: (000) 000-0000	200.0
384555.01	039813	ELSASS, TIMOTHY ADDRESS: PO BOX 29	4.00	31-18-19 DOMESTIC CITY/STATE: HOLDER, FL	002316	290.0 ZIP: 32465-			PHONE: (000) 000-0000	290.0
385582.01	040505	SHIP, GARY ADDRESS: PO DRAWER 1146	4.00	31-18-19 DOMESTIC CITY/STATE: HERNANDO, FL	001693	48.0 ZIP: 32642-			PHONE: (000) 000-0000	50.0
385595.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	162.0 ZIP: 32651-			PHONE: (904) 726-0973	168.0
386028.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	275.0 ZIP: 32651-			PHONE: (904) 726-0973	304.0
386029.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	197.0 ZIP: 32651-			PHONE: (904) 726-0973	208.0
386030.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	ZIP: 32651-			PHONE: (904) 726-0973	
388981.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	151.0 ZIP: 32651-			PHONE: (904) 726-0973	161.0
388983.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	156.0 ZIP: 32651-			PHONE: (904) 726-0973	170.0
389203.01	035400	BONNIE BUILDERS ADDRESS: 3607 EAST FORREST DRIVE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	194.0 ZIP: 32650-			PHONE: (000) 000-0000	197.0
389829.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	163.0 ZIP: 32651-			PHONE: (904) 726-0973	185.0
392269.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	133.0 ZIP: 32651-			PHONE: (904) 726-0973	150.0
394348.01	046183	CALDWELL, ROGER ADDRESS: LOT 26 HAMPSHIRE ROAD	4.00	31-18-19 DOMESTIC CITY/STATE: HERNANDO, FL	002017	ZIP: 32650-			PHONE: (000) 000-0000	120.0
396393.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	390.0 ZIP: 32651-			PHONE: (904) 726-0973	410.0
396477.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	228.0 ZIP: 32651-			PHONE: (904) 726-0973	231.0
396940.01	048908	LYONS, ROBERT ADDRESS: LOT 34 BUCKINGHAM STREET	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	279.0 ZIP: 32650-			PHONE: (000) 000-0000	280.0
397153.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	148.0 ZIP: 32651-			PHONE: (904) 726-0973	153.0

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400328.01	051290	OSMAN, ALBERT ADDRESS: LOT 38 STRATFORD	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	128.0	ZIP: 32650-	PHONE: (000) 000-0000	140.0
401381.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	210.0	ZIP: 32651-	PHONE: (904) 726-0973	225.0
402277.01	052463	CLARK, ROBERT ADDRESS: LOT 5 PINE MT	4.00 31-18-19 DOMESTIC CITY/STATE: HOLDER, FL	002316	106.0	ZIP: 32645-	PHONE: (000) 000-0000	108.0
404923.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	280.0	ZIP: 32651-	PHONE: (904) 726-0973	295.0
405685.01	054793	LEWIS POSEY CONSTRUCTION ADDRESS: 2250-L HWY 44 W	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	304.0	ZIP: 32650-	PHONE: (000) 000-0000	310.0
406394.01	051964	MARION HOMES/DAVIS ADDRESS: 3300 COMMERCIAL WAY	4.00 31-18-19 DOMESTIC CITY/STATE: SPRING HILL, FL	001315	142.0	ZIP: 33526-	PHONE: (000) 000-0000	160.0
409397.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	190.0	ZIP: 32651-	PHONE: (904) 726-0973	200.0
409398.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	264.0	ZIP: 32651-	PHONE: (904) 726-0973	300.0
410614.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	181.0	ZIP: 32651-	PHONE: (904) 726-0973	186.0
410615.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	180.0	ZIP: 32651-	PHONE: (904) 726-0973	200.0
413302.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	125.0	ZIP: 32651-	PHONE: (904) 726-0973	160.0
413303.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	126.0	ZIP: 32651-	PHONE: (904) 726-0973	140.0
413599.01	059838	MCCLURE, MR ADDRESS: PO BOX 113	4.00 31-18-19 DOMESTIC CITY/STATE: HERNANDO, FL	001693	47.0	ZIP: 32642-	PHONE: (000) 000-0000	50.0
414310.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	133.0	ZIP: 32651-	PHONE: (904) 726-0973	150.0
415153.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	190.0	ZIP: 32651-	PHONE: (904) 726-0973	200.0
415155.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00 31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	151.0	ZIP: 32651-	PHONE: (904) 726-0973	160.0
415814.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00 31-18-19 DOMESTIC CITY/STATE: MCINTOSH, FL	001150		ZIP: 32664-	PHONE: (000) 000-0000	

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415905.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00	31-18-19 DOMESTIC CITY/STATE: PORT RICHEY, FL	001150	ZIP: 34668-	PHONE: (000) 000-0000	
416552.01	061766	REED, JACK ADDRESS: LOT 82 KENSINGTON AVE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	198.0 ZIP: 32650-	PHONE: (000) 000-0000	202.0
418830.01	062752	COLASANTI, JOHN ADDRESS: LOT 75 KNIGHTBRIDGE LANE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	247.0 ZIP: 32650-	PHONE: (000) 000-0000	253.0
420995.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	155.0 ZIP: 32651-	PHONE: (904) 726-0973	165.0
421301.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	31-18-19 DOMESTIC CITY/STATE: HERNANDO, FL	001584	125.0 ZIP: 32642-	PHONE: (000) 000-0000	140.0
421785.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	31-18-19 DOMESTIC CITY/STATE: MCINTOSH, FL	001584	210.0 ZIP: 32664-	PHONE: (000) 000-0000	220.0
422185.01	063738	STOKES & TOLLEY INC ADDRESS: LOT 24 HEATH BOW LANE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	002134	210.0 ZIP: 32650-	PHONE: (000) 000-0000	240.0
422661.01	035400	BONNIE BUILDERS ADDRESS: 3607 EAST FORREST DRIVE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	145.0 ZIP: 32650-	PHONE: (000) 000-0000	150.0
422866.01	064549	MCPHEE ADDRESS: LOT 9 SAVOY ST	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001584	237.0 ZIP: 32650-	PHONE: (000) 000-0000	250.0
423822.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	217.0 ZIP: 32651-	PHONE: (904) 726-0973	225.0
423823.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	410.0 ZIP: 32651-	PHONE: (904) 726-0973	420.0
424322.01	065091	COZZA, F. ADDRESS: LOT 25 BRIGHTON RD	4.00	31-18-19 DOMESTIC CITY/STATE: LECANTO, FL	001584	170.0 ZIP: 32661-	PHONE: (000) 000-0000	180.0
427081.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	31-18-19 DOMESTIC CITY/STATE: HERNANDO, FL	001584	145.0 ZIP: 32642-	PHONE: (000) 000-0000	160.0
427293.01	066052	BAKER, HERBERT ADDRESS: LOT 16 N. SEXTON AVE	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	149.0 ZIP: 33650-	PHONE: (000) 000-0000	153.0
432515.01	051894	FRANK COZZA CUSTOM HOMES ADDRESS: 2030 RAINBOW FARM DRIVE	4.00	31-18-19 DOMESTIC CITY/STATE: SAFETY HARBOR, FL	001584	230.0 ZIP: 33572-	PHONE: (000) 000-0000	250.0
432701.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	141.0 ZIP: 32651-	PHONE: (904) 726-0973	150.0
436095.01	010495	LYTTON & TOLLEY, INC. ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	134.0 ZIP: 32651-	PHONE: (904) 726-0973	140.0

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR PRIM ID	TELESCOPE DEPTH FROM	LINER TO FROM	WELL TO DEPTH
436135.01	063928	DAN DRUMMOND CONST	4.00	31-18-19 DOMESTIC	001584	144.0		160.0
ADDRESS: 15199 MORRIS BISHOP LOOP			CITY/STATE: BROOKSVILLE, FL			ZIP: 33573-	PHONE: (000) 000-0000	
437320.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	174.0		178.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
439215.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	300.0		305.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
440498.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	487.0		560.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
441588.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	170.0		180.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
442071.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150			175.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
443388.01	116209	CANFIELD, ROY	4.00	31-18-19 DOMESTIC	001693	158.0		160.0
ADDRESS: 2792 SHARP ST			CITY/STATE: LECANTO, FL			ZIP: 32662-	PHONE: (000) 000-0000	
443993.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	132.0		137.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
443994.01	010495	LYTTON & TOLLEY, INC.	4.00	31-18-19 DOMESTIC	001150	138.0		156.0
ADDRESS: P.O. BOX 310, U.S. HIGHWAY 44 W.			CITY/STATE: INVERNESS, FL			ZIP: 32651-	PHONE: (904) 726-0973	
444517.01	116687	SIM MAY INC	4.00	31-18-19 DOMESTIC	001584	160.0		180.0
ADDRESS: LOT 20 KNIGHTBRIDGE PLACE			CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000	
452322.01	122814	YOUNG, JIM	4.00	31-18-19 DOMESTIC	001184	97.0		99.0
ADDRESS: 4389 RIVER RD			CITY/STATE: HERNANDO, FL			ZIP: 32642-	PHONE: (000) 000-0000	
454441.01	138301	DEEB COMMERCIAL	4.00	31-18-19 DOMESTIC	001584	305.0		320.0
ADDRESS: 6709 RIDGE RD			CITY/STATE: PORT RICHEY, FL			ZIP: 34668-	PHONE: (000) 000-0000	
460516.01	129042	MONTERIRO, CATNO	4.00	31-18-19 DOMESTIC	001584	168.0		185.0
ADDRESS: LOT 5 SAVOY			CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000	
462514.01	122393	WHEELER HOMES #870	4.00	31-18-19 DOMESTIC	001150	159.0		162.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000	
466899.01	010904	SOUTHERN COMFORT HOMES	4.00	31-18-19 DOMESTIC	001584	210.0		220.0
ADDRESS: P.O. BOX 298			CITY/STATE: MCINTOSH, FL			ZIP: 32664-	PHONE: (000) 000-0000	
467922.01	122393	WHEELER HOMES #870	4.00	31-18-19 DOMESTIC	001150	150.0		158.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000	
467923.01	122393	WHEELER HOMES #870	4.00	31-18-19 DOMESTIC	001150	184.0		200.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000	

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472539.01	010904	SOUTHERN COMFORT HOMES	4.00 31-18-19 DOMESTIC		001584	260.0				280.0
ADDRESS: P.O. BOX 298			CITY/STATE: MCINTOSH, FL			ZIP: 32664-	PHONE: (000) 000-0000			
473145.01	135953	WALZ, JEFF	4.00 31-18-19 DOMESTIC		001150	223.0				242.0
ADDRESS: LOT 35 BUCKINGHAM DR			CITY/STATE: INVERNESS, FL			ZIP: -	PHONE: (000) 000-0000			
473426.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	129.0				148.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
473967.01	136389	YOUNG, JOHN	4.00 31-18-19 DOMESTIC		001150	226.0				230.0
ADDRESS: LOT 74 KNIGHTBRIDGE RD			CITY/STATE: INVERNESS, FL			ZIP: -	PHONE: (000) 000-0000			
478444.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	349.0				360.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
480296.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	199.0				207.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
481156.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	266.0				280.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
482905.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	172.0				200.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
482906.01	122393	WHEELER HOMES #870	4.00 31-18-19 DOMESTIC		001150	207.0				230.0
ADDRESS: P O BOX 310			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
489568.01	145122	B G RUSAM INC	4.00 31-18-19 DOMESTIC		001584	350.0				380.0
ADDRESS: P O BOX 776			CITY/STATE: CRYSTAL RIVER, FL			ZIP: 34423-	PHONE: (000) 000-0000			
492779.01	032796	B G RUSAM, INC	4.00 31-18-19 DOMESTIC		001584	230.0				280.0
ADDRESS: PO BOX 776			CITY/STATE: CRYSTAL RIVER, FL			ZIP: 32629-	PHONE: (000) 000-0000			
493153.01	146935	SYNDER, JOHN	4.00 31-18-19 DOMESTIC		001150	520.0				620.0
ADDRESS: LOT 24 KENSINGTON AVE			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
493492.01	032796	B G RUSAM, INC	4.00 31-18-19 DOMESTIC		001584	205.0				260.0
ADDRESS: PO BOX 776			CITY/STATE: CRYSTAL RIVER, FL			ZIP: 32629-	PHONE: (000) 000-0000			
495770.01	148188	SNYDER, JOHN	4.00 31-18-19 DOMESTIC		002263	388.0				412.0
ADDRESS: LOT 25 REHILL ST			CITY/STATE: INVERNESS, FL			ZIP: 32610-	PHONE: (000) 000-0000			
500067.01	150600	SIMARD, DANIEL	4.00 31-18-19 DOMESTIC		001584	270.0				280.0
ADDRESS: LOT 17 BLK E KNIGHTSBRIDGE PL			CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
521100.01	010777	WAYNE COOPER	4.00 31-18-19 DOMESTIC		009021	226.0				235.0
ADDRESS: 1050 HUNTING LODGE DRIVE			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
526716.01	174906	DEBBIE CHAGNON	4.00 31-18-19 DOMESTIC		001150	268.0				270.0
ADDRESS: LOT 60 REHILL ST			CITY/STATE: HERNANDO, FL			ZIP: 32642-	PHONE: (000) 000-0000			

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NCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR PRIM ID	TELESCOPE DEPTH FROM TO	LINER FROM TO	WELL DEPTH
527802.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	183.0 ZIP: 32651-	PHONE: (000) 000-0000	186.0
528007.01	134923	UNITED BUILDERS ADDRESS: PO BOX 2917	4.00	31-18-19 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001150	165.0 ZIP: 32629-	PHONE: (000) 000-0000	180.0
528466.01	038168	BECK BUILDERS INC. ADDRESS: 10337 SPRING HILL DR	4.00	31-18-19 DOMESTIC CITY/STATE: SPRING HILL, FL	002263	160.0 ZIP: 33526-	PHONE: (000) 000-0000	200.0
535597.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00	31-18-19 DOMESTIC CITY/STATE: OCALA, FL	001150	269.0 ZIP: 32678-	PHONE: (000) 000-0000	275.0
535598.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00	31-18-19 DOMESTIC CITY/STATE: OCALA, FL	001150	240.0 ZIP: 32678-	PHONE: (000) 000-0000	245.0
543835.01	201176	PETER M BASILIERE ADDRESS: LOT 34 BLK F HEATHROW DR	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	148.0 ZIP: 34450-	PHONE: (000) 000-0000	157.0
544671.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	133.0 ZIP: 32651-	PHONE: (000) 000-0000	147.0
546334.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	194.0 ZIP: 32651-	PHONE: (000) 000-0000	235.0
546336.01	203265	CASSIDY'S BUILDING CORP ADDRESS: 4654 SOUTH MAJOR RUN	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	191.0 ZIP: 34452-	PHONE: (000) 000-0000	197.0
547041.01	116405	BLUESTONE CONSTRUCTION ADDRESS: 10500 SPRING HILL DR	4.00	31-18-19 DOMESTIC CITY/STATE: SPRING HILL, FL	002263	140.0 ZIP: 34608-	PHONE: (000) 000-0000	147.0
547671.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	151.0 ZIP: 32651-	PHONE: (000) 000-0000	155.0
547970.01	116405	BLUESTONE CONSTRUCTION ADDRESS: 10500 SPRING HILL DR	4.00	31-18-19 DOMESTIC CITY/STATE: SPRING HILL, FL	002263	178.0 ZIP: 34608-	PHONE: (000) 000-0000	190.0
551775.01	154621	DEEB CUSTOM HOMES ADDRESS: P O BOX 640038	4.00	31-18-19 DOMESTIC CITY/STATE: BEVERLY HILLS, FL	001150	192.0 ZIP: 34464-	PHONE: (000) 000-0000	203.0
552119.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00	31-18-19 DOMESTIC CITY/STATE: OCALA, FL	001150	222.0 ZIP: 32678-	PHONE: (000) 000-0000	238.0
552372.01	208105	HAROLD JACKSON ADDRESS: LOT 26 REEHILL STREET	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001342	263.0 ZIP: -	PHONE: (000) 000-0000	275.0
552736.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	222.0 ZIP: 32651-	PHONE: (000) 000-0000	238.0
554428.01	209607	ROBERT O BLACHETTE ADDRESS: LOT 55 REEHILL STREET	4.00	31-18-19 DOMESTIC CITY/STATE: LECANTO, FL	001150	244.0 ZIP: 34461-	PHONE: (000) 000-0000	246.0

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556576.01	142015	MITCH UNDERWOOD CONSTRUCTION ADDRESS: P.O. BOX 2493	4.00	31-18-19 DOMESTIC CITY/STATE: OCALA, FL	001150	227.0	ZIP: 32678-	PHONE: (000) 000-0000	259.0
556654.01	211278	EDWARD KULAKOWSKI ADDRESS: LOT 1 SAVOY AVENUE	4.00	31-18-19 DOMESTIC CITY/STATE: LACANTO, FL	009015	232.0	ZIP: 34461-	PHONE: (000) 000-0000	265.0
556733.01	148802	WHEELER HOMES # 943 ADDRESS: P O BOX 316	4.00	31-18-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	190.0	ZIP: 32651-	PHONE: (000) 000-0000	218.0
556798.01	168342	DE REVERE CONSTRUCTION ADDRESS: 5820 WEST SPICEY HILLS DRIVE	4.00	31-18-19 DOMESTIC CITY/STATE: HOMOSASSA, FL	001150	129.0	ZIP: 34446-	PHONE: (904) 795-0399	146.0
558454.01	212490	EDWARD SINKEMICZ ADDRESS: LOT 23 NORTH SETON AVENUE	4.00	31-18-19 DOMESTIC CITY/STATE: LECANTO, FL	002392		ZIP: 32661-	PHONE: (000) 000-0000	
558921.01	166792	CITRUS HILLS CONSTRUCTION WELL LOC: 315 EAST REHILL STREET	4.00	31-18-19 DOMESTIC	001150	453.0	360.0 486.0	PHONE: (000) 000-0000	572.0
559085.01	212998	LIZ HULGAN WELL LOC: 4989 W OAKLAWN DR	4.00	31-18-19 DOMESTIC	009015	103.7		PHONE: (000) 000-0000	125.0
560094.01	148802	WHEELER HOMES # 943 WELL LOC: LOT 7 BLK D UNIT 2 E REHILL ST	4.00	31-18-19 DOMESTIC	001150	157.0		PHONE: (000) 000-0000	165.0
561523.01	211681	BERNARDO PISTONE WELL LOC: US 41 NORTH	4.00	31-18-19 PUBLIC SUPPLY	009042			PHONE: (904) 489-5922	
561800.01	214756	EPPERLY WELL LOC: LOT 28A BLK D UNIT 1 KENSINGTON	4.00	31-18-19 DOMESTIC	001059			PHONE: (000) 000-0000	
562281.01	148802	WHEELER HOMES # 943 WELL LOC: 718 E BUCKINGHAM DR	4.00	31-18-19 DOMESTIC	001150	218.0		PHONE: (000) 000-0000	227.0
562783.01	215609	GREGORY SHAW WELL LOC: LOT 20 BLK E UNIT 2 ELTON CT	4.00	31-18-19 DOMESTIC	001150			PHONE: (000) 000-0000	
562993.01	002882	SEVEN RIVERS DEVELOPMENT WELL LOC: E REEHILL ST	4.00	31-18-19 DOMESTIC	001150	267.0	200.0 284.0	PHONE: (904) 795-3339	288.0
564009.01	062566	SAN MAR HOMES WELL LOC: LOT 10 AMETHYST	4.00	31-18-19 DOMESTIC	001546			PHONE: (000) 000-0000	
564758.01	156187	MAYO BUILDERS WELL LOC: LOT 4 BLK 10 UNIT 1 OFIELD AVE	4.00	31-18-19 DOMESTIC	001342			PHONE: (000) 000-0000	
564817.01	038953	LEGEND HOMES WELL LOC: LOT 44 BLK J UNIT 2 REEHILL ST	4.00	31-18-19 DOMESTIC	009042			PHONE: (000) 000-0000	

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307842.01	073723	MRS MARTIN ADDRESS: NO ADDRESS	3.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	57.0	-	-	PHONE: (000) 000-0000	-	64.0
309629.01	075509	C BAKKE ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	000285	31.0	-	-	PHONE: (000) 000-0000	-	42.0
310046.01	071286	NO NAME ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	000026	236.0	-	-	PHONE: (000) 000-0000	-	240.0
310839.01	076717	N MILLARD ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	213.0	-	-	PHONE: (000) 000-0000	-	220.0
312878.01	078756	H NORTHWICK ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	97.0	-	-	PHONE: (000) 000-0000	-	150.0
312880.01	078758	R WHITEHEAD ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	270.0	-	-	PHONE: (000) 000-0000	-	275.0
314031.01	079908	PETER KOOLI ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	276.0	-	-	PHONE: (000) 000-0000	-	282.0
315375.01	081252	D HENSLEY ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	165.0	-	-	PHONE: (000) 000-0000	-	178.0
316292.01	082168	D SLYIEGH ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	221.0	-	-	PHONE: (000) 000-0000	-	235.0
317187.01	083063	M LANGE ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	104.0	-	-	PHONE: (000) 000-0000	-	182.0
320040.01	085913	C GALASSO ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	245.0	-	-	PHONE: (000) 000-0000	-	254.0
326064.01	091938	H SPELL INC ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	134.0	-	-	PHONE: (000) 000-0000	-	142.0
337175.01	103006	JOHNSON, M ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	001150	80.0	-	-	PHONE: (000) 000-0000	-	89.0
339983.01	105788	PETRY, I ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	001584	175.0	-	-	PHONE: (000) 000-0000	-	180.0
346420.01	111740	HUNT, HAROLD ADDRESS: NO ADDRESS	4.00	01-19-18 DOMESTIC CITY/STATE: NO CITY, FL	002017	212.0	-	-	PHONE: (000) 000-0000	-	220.0
350778.01	013265	HOMER CLEAVINGER ADDRESS: STAR RT 1 BOX A BAUER RD	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	157.0	ZIP: 32650-	-	PHONE: (904) 344-1815	-	173.0
351906.01	014077	LOETSCHER, FRED ADDRESS: P O BOX 446	4.00	01-19-18 DOMESTIC CITY/STATE: RIVERVIEW, FL	002017	53.0	ZIP: 33569-	-	PHONE: (000) 000-0000	-	90.0

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362102.01	021757	PRATT, DANA ADDRESS: RT 1, PARK RD	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	227.0 ZIP: 32601-	PHONE: (000) 000-0000	230.0
369249.01	027158	JONES, CAROLYN ADDRESS: BAUEN RD	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	360.0 ZIP: 32661-	PHONE: (000) 000-0000	370.0
372992.01	029938	RUDDY, STEVE ADDRESS: GENERAL DELIVERY	4.00	01-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	188.0 ZIP: 32629-	PHONE: (904) 726-9706	200.0
373429.01	010268	VERNON BARFIELD ADDRESS: STATE ROAD 486, LOT 49	4.00	01-19-18 DOMESTIC CITY/STATE: HERNANDOS, FL	001342	121.0 ZIP: 32642-	PHONE: (000) 000-0000	127.0
377340.01	034253	HEATH, MR. BENJAMIN ADDRESS: RT 44 WEST	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001342	116.0 ZIP: 32661-	PHONE: (000) 000-0000	132.0
377506.01	034468	PENNINGTON, CHARLES E. ADDRESS: 44 E THOMPSON RD	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001584	105.0 ZIP: 32650-	PHONE: (000) 000-0000	120.0
377671.01	034831	DANALKY, HANEY ADDRESS: RT 2, SR 44	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001342	ZIP: 32650-	PHONE: (000) 000-0000	187.0
379097.01	035955	SIMS, DAVID ADDRESS: STAR RT 1, BOX 162	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	ZIP: 32650-	PHONE: (000) 000-0000	
379674.01	035955	SIMS, DAVID ADDRESS: STAR RT 1, BOX 162	4.00	01-19-18 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	236.0 ZIP: 32650-	PHONE: (000) 000-0000	250.0
381324.01	037501	DAVIDSON, SCOTT ADDRESS: MAYFIELD ACRES	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	133.0 ZIP: 32661-	PHONE: (000) 000-0000	170.0
383482.01	039066	TIDWELL, JAMES ADDRESS: LOT 21 KUHN RD	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	210.0 ZIP: 32661-	PHONE: (000) 000-0000	215.0
383873.01	039324	RYAN, DONALD ADDRESS: LOT 5 HICKEY ST	4.00	01-19-18 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	217.0 ZIP: 32650-	PHONE: (000) 000-0000	220.0
388346.01	042390	KUSTERER, KEN ADDRESS: STAR RT 1 BOX 158-A-1	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001584	ZIP: 32650-	PHONE: (000) 000-0000	
400270.01	051264	PAQUETTE, WAYNE L ADDRESS: LOT 2 GRIFFITH	4.00	01-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002316	183.0 ZIP: 32629-	PHONE: (000) 000-0000	185.0
401479.01	049887	SAN-MAR HOMES ADDRESS: PO BOX 2528	4.00	01-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001150	160.0 ZIP: 32629-	PHONE: (000) 000-0000	173.0
403719.01	017908	CYPRESS VILLAGE CONSTRUCTION ADDRESS: PO BOX 2001	4.00	01-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	001150	145.0 ZIP: 32647-	PHONE: (000) 000-0000	150.0
406309.01	055352	ADVENT HOMES ADDRESS: 11690 WEST WALSHINGHAM ROAD	4.00	01-19-18 DOMESTIC CITY/STATE: LARGO, FL	001584	105.0 ZIP: 33544-	PHONE: (000) 000-0000	140.0

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL TO	WELL DEPTH
407866.01	055352	ADVENT HOMES ADDRESS: 11690 WEST WALSINGHAM ROAD	4.00	01-19-18 DOMESTIC CITY/STATE: LARGO, FL	001584	134.0 ZIP: 33544-			145.0 PHONE: (000) 000-0000	
409440.01	057242	PETERS, ROBERT MR ADDRESS: 391 SOUTH THAYER STREET	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	105.0 ZIP: 32661-			108.0 PHONE: (000) 000-0000	
411154.01	015072	MARION HMS ADDRESS: 2 FRED WILSON 1129 OCEAN DR	4.00	01-19-18 DOMESTIC CITY/STATE: CITRUS SPGS, FL	001315	174.0 ZIP: 32711-			180.0 PHONE: (000) 000-0000	
411226.01	058414	DRUMMOND, DAN ADDRESS: LOT 9 HIGHVIEW AVE	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	134.0 ZIP: 32646-			137.0 PHONE: (000) 000-0000	
414048.01	055352	ADVENT HOMES ADDRESS: 11690 WEST WALSINGHAM ROAD	4.00	01-19-18 DOMESTIC CITY/STATE: LARGO, FL	001584	230.0 ZIP: 33544-			258.0 PHONE: (000) 000-0000	
415649.01	055352	ADVENT HOMES ADDRESS: 11690 WEST WALSINGHAM ROAD	4.00	01-19-18 DOMESTIC CITY/STATE: LARGO, FL	001584	260.0 ZIP: 33544-			325.0 PHONE: (000) 000-0000	
416791.01	061877	MAHONEY, MICHAEL ADDRESS: LOT 5 BAVER RD	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	002316	237.0 ZIP: 32647-			247.0 PHONE: (000) 000-0000	
439477.01	063920	DAN DRUMMOND CONST ADDRESS: 15199 MORRIS BISHOP LOOP	4.00	01-19-18 DOMESTIC CITY/STATE: BROOKSVILLE, FL	001584	160.0 ZIP: 33573-			190.0 PHONE: (000) 000-0000	
441799.01	016699	MARION HOMES INC. ADDRESS: 1129 OCEAN DRIVE	4.00	01-19-18 DOMESTIC CITY/STATE: CITRUS SPRINGS, FL	001315	229.0 ZIP: 32638-			255.0 PHONE: (000) 000-0000	
444518.01	055441	LEN KELLY HOMES ADDRESS: 2400 ESSEX AVE	4.00	01-19-18 DOMESTIC CITY/STATE: HERNANDO, FL	001584	189.0 ZIP: 32642-			210.0 PHONE: (000) 000-0000	
450965.01	121667	RODDY, MICHAEL ADDRESS: LOT 10 SHARPLANE	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	009015	253.0 ZIP: 32661-			365.0 PHONE: (000) 000-0000	
453101.01	123409	PLATZ, LESLIE ADDRESS: 701 N KUHN'S LANE	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	196.0 ZIP: 32661-			199.0 PHONE: (000) 000-0000	
477866.01	138631	TURNER, HELEN ADDRESS: 323 N HENDRICK AVE	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	009015	126.0 ZIP: 32661-			134.0 PHONE: (000) 000-0000	
477867.01	138301	DEEB COMMERCIAL ADDRESS: 6709 RIDGE RD	4.00	01-19-18 DOMESTIC CITY/STATE: PORT RICHEY, FL	009015	210.0 ZIP: 34668-			220.0 PHONE: (000) 000-0000	
481685.01	140856	SEARS, LEE ADDRESS: 6510 E LAHAVEN DRIVE	4.00	01-19-18 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	009015	345.0 ZIP: 32650-			385.0 PHONE: (000) 000-0000	
503542.01	152399	DANGE, PATRICK ADDRESS: LOT 8 HICKOY ST	4.00	01-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001342	189.0 ZIP: 32651-			205.0 PHONE: (000) 000-0000	
516005.01	161619	ELISABETH LAZAR ADDRESS: LOT 9 N SHARP LANE	4.00	01-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	189.0 ZIP: 32661-			210.0 PHONE: (000) 000-0000	

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WCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL DEPTH
518557.01	166834	WILLIAM O'BRIEN ADDRESS: 3621 COUNTRYSIDE DRIVE	4.00 01-19-18	PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	201.0 ZIP: 32650	-	PHONE: (000) 000-0000	210.0
308012.01	073893	J MCGILL ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	34.0 ZIP:	-	PHONE: (000) 000-0000	55.0
308182.01	074063	G PFIESTER ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	199.0 ZIP:	-	PHONE: (000) 000-0000	211.0
308306.01	074187	D KILGORE ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	340.0 ZIP:	-	PHONE: (000) 000-0000	340.0
312483.01	078361	H BLAKELY ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	105.0 ZIP:	-	PHONE: (000) 000-0000	125.0
316617.01	082493	CATES ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	304.0 ZIP:	-	PHONE: (000) 000-0000	315.0
324189.01	090057	B BARGER ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001258	90.0 ZIP:	-	PHONE: (000) 000-0000	115.0
325503.01	091369	P B KRESS ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	52.0 ZIP:	-	PHONE: (000) 000-0000	60.0
327712.01	093576	C L SHERMAN ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001150	88.0 ZIP:	-	PHONE: (000) 000-0000	93.0
328744.01	094608	J DAGLIA ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001258	69.0 ZIP:	-	PHONE: (000) 000-0000	112.0
330191.01	096053	MOOD ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001342	84.0 ZIP:	-	PHONE: (000) 000-0000	105.0
333140.01	084150	R STEVENSON ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001150	193.0 ZIP:	-	PHONE: (000) 000-0000	205.0
333774.01	099611	CRAIG E ADDRESS: NO ADDRESS	3.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	50.0 ZIP:	-	PHONE: (000) 000-0000	56.0
334155.01	099992	MOOSE LODGE ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001584	275.0 ZIP:	-	PHONE: (000) 000-0000	280.0
337787.01	103615	HENDERSON, R ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001584	215.0 ZIP:	-	PHONE: (000) 000-0000	230.0
343830.01	109433	HAMMER, P ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	999998	84.0 ZIP:	-	PHONE: (000) 000-0000	115.0
343873.01	109473	GRIMM, H ADDRESS: NO ADDRESS	4.00 02-19-18	DOMESTIC CITY/STATE: NO CITY, FL	001584	ZIP:	-	PHONE: (000) 000-0000	

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346415.01	081626	JACKSON ADDRESS: NO ADDRESS	4.00 02-19-18 DOMESTIC CITY/STATE: NO CITY, FL		001342	428.0			494.0
						ZIP: -		PHONE: (000) 000-0000	
346416.01	089469	BARFIELD ADDRESS: NO ADDRESS	4.00 02-19-18 DOMESTIC CITY/STATE: NO CITY, FL		001342	82.0			105.0
						ZIP: -		PHONE: (000) 000-0000	
347326.01	010539	JEANNETTE ZINTNER ADDRESS: GOVENERS DRIVE	4.00 02-19-18 DOMESTIC CITY/STATE: HUNTSVILLE, AL		002012		ZIP: 35800-		PHONE: (000) 000-0000
347413.01	010396	G.C. VAUGHN ADDRESS: P.O. BOX 152	4.00 02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		001584		ZIP: 32650-		PHONE: (000) 000-0000
354820.01	016302	VINO JR, JACK JOHN ADDRESS: 10 KUHN RD	4.00 02-19-18 DOMESTIC CITY/STATE: LECANTO, FL		001150	175.0			175.0
						ZIP: 32661-		PHONE: (000) 000-0000	
360290.01	020425	PRESNICK, THPMAS ADDRESS: RT 2, BOX 44-A	4.00 02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		002017	212.0			218.0
						ZIP: 32650-		PHONE: (000) 000-0000	
362025.01	136461	ALLSTATE HOMES ADDRESS: POST OFFICE BOX 280158	4.00 02-19-18 DOMESTIC CITY/STATE: TAMPA, FL		001150	101.0			120.0
						ZIP: 33682-0158		PHONE: (000) 000-0000	
367054.01	136461	ALLSTATE HOMES ADDRESS: POST OFFICE BOX 280158	4.00 02-19-18 DOMESTIC CITY/STATE: TAMPA, FL		001150	140.0			160.0
						ZIP: 33682-0158		PHONE: (000) 000-0000	
372053.01	029189	BLACKWOOD, DIANE ADDRESS: REDD RD	4.00 02-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	110.0			114.0
						ZIP: 32646-		PHONE: (000) 000-0000	
374704.01	031557	PORTER ADDRESS: CHURCH STREET	4.00 02-19-18 DOMESTIC CITY/STATE: LECANTO, FL		001342	126.0			147.0
						ZIP: 32661-		PHONE: (000) 000-0000	
375646.01	032488	HICKS, ALBERT ADDRESS: OTIS RD	4.00 02-19-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL		001342	84.0			102.0
						ZIP: 32661-		PHONE: (000) 000-0000	
375647.01	032489	HAYNES, LOUISE ADDRESS: OTIS RD	4.00 02-19-18 DOMESTIC CITY/STATE: BEVERLY HILLS, FL		001342	132.0			158.0
						ZIP: 32661-		PHONE: (000) 000-0000	
377832.01	034929	FORD, SAMMY ADDRESS: CITRUS RD	4.00 02-19-18 DOMESTIC CITY/STATE: LECANTO, FL		001584				
						ZIP: 32661-		PHONE: (000) 000-0000	
379385.01	036136	COUNCIL, CLIFFORD L. ADDRESS: STAR RT 1, BOX 147G-6	4.00 02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		001584	164.0			200.0
						ZIP: 32650-		PHONE: (000) 000-0000	
379746.01	031967	THOMPSON, JERRY ADDRESS: RT 2, BOX 171-J	4.00 02-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	109.0			111.0
						ZIP: 32646-		PHONE: (000) 000-0000	
379939.01	036344	LAIR, JOE ADDRESS: STAR RT 1, BOX 148-J	4.00 02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	EASY ST	001584	190.0			200.0
						ZIP: 32650-		PHONE: (000) 000-0000	
380650.01	017349	BELMONT HOMES ADDRESS: RT 2, BOX 539 HWY 44 N	4.00 02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		001150	143.0			148.0
						ZIP: 32650-		PHONE: (000) 000-0000	

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381032.01	037354	DIXON, WILBUR C. ADDRESS: PO BOX 325 SR 44	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	155.0 ZIP: 32650-			160.0 PHONE: (904) 726-4837
382160.01	038079	LONG, CHARLES ADDRESS: LOT 5 EASY STREET	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	204.0 ZIP: 32661-			210.0 PHONE: (000) 000-0000
382217.01	038108	ROME, DOROTHY ADDRESS: STAR RT 1, BOX 153A SCHOOL AVE	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	147.0 ZIP: 32661-			180.0 PHONE: (000) 000-0000
383031.01	039293	RUSCO, JOHN ADDRESS: LEONA STREET	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001584	ZIP: 32661-			PHONE: (000) 000-0000
384434.01	039718	PATE, DAVID ADDRESS: STAR RT 1, BOX 147H-1 SCHOOL R	4.00	02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	255.0 ZIP: 32650-			257.0 PHONE: (000) 000-0000
384525.01	039793	MOORE, JOHNNY ADDRESS: PO BOX 484	4.00	02-19-18 DOMESTIC CITY/STATE: ARIPEKA, FL	002017	56.0 ZIP: 33502-			62.0 PHONE: (000) 000-0000
387221.01	041455	TENNYSON, ORVEL ADDRESS: LOT 8 HWY 44	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: CRYSTAL RIVER, FL	001584	440.0 ZIP: 32629-			480.0 PHONE: (000) 000-0000
389388.01	042924	WALKER, CHARLES ADDRESS: LOT 22 EASY STREET	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	002316	115.0 ZIP: 32661-			145.0 PHONE: (000) 000-0000
390824.01	043857	WHITE, JOHN ADDRESS: LOT 3 & 4 EASY STREET	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	123.0 ZIP: 32661-			140.0 PHONE: (000) 000-0000
391805.01	061877	MAHONEY, MICHAEL ADDRESS: LOT 5 BAYER RD	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	002316	116.0 ZIP: 32647-			128.0 PHONE: (000) 000-0000
392900.01	045242	COLLINS, B J ADDRESS: 3136 EAST DOVE COURT	4.00	02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001599	126.0 ZIP: 32650-			155.0 PHONE: (000) 000-0000
393056.01	045391	VANSKYOCK, MARGIE ADDRESS: PO BOX 2555	4.00	02-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002316	70.0 ZIP: 32661-			83.0 PHONE: (000) 000-0000
394976.01	002764	CITRUS COUNTY BOARD OF REALTORS ADDRESS: 1619 WEST GULF TO LAKE HIGHWAY	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: LECANTO, FL	001150	213.0 ZIP: 32661-8020			215.0 PHONE: (904) 746-7550
397896.01	049646	SUNSTYLE HOMES CORP ADDRESS: LOT 1-6 WOODLAKE	4.00	02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001584	50.0 ZIP: 32650-			60.0 PHONE: (000) 000-0000
398780.01	050216	CATES, ISAAC MR ADDRESS: RT 3 BOX 4355	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: HOMOSASSA, FL	001150	145.0 ZIP: 32642-			170.0 PHONE: (000) 000-0000
400771.01	010904	SOUTHERN COMFORT HOMES ADDRESS: P.O. BOX 298	4.00	02-19-18 DOMESTIC CITY/STATE: MCINTOSH, FL	001150	115.0 ZIP: 32664-			120.0 PHONE: (000) 000-0000
402787.01	052840	ENZ, JEFF ADDRESS: 155 S SCHOOL AVE	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	002134	233.0 ZIP: 32661-			240.0 PHONE: (000) 000-0000

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405014.01	061789	ALL STAR MOBILE HOMES	4.00	02-19-18 PUBLIC SUPPLY	001184	217.0				287.0
		ADDRESS: 1055 WEST GULF TO LAKE	CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
409668.01	057445	GEORGE SAVAGE	4.00	02-19-18 PUBLIC SUPPLY	002017	415.0				455.0
		ADDRESS: 1629 WEST GULF TO LAKE HWY.	CITY/STATE: LECANTO, FL			ZIP: 34461-	PHONE: (000) 000-0000			
410493.01	057960	VINO, JACK JR	4.00	02-19-18 DOMESTIC	001073	131.0				195.0
		ADDRESS: 180 SOUTH EASY STREET	CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
410764.01	058116	TOMASKIK, CURT	4.00	02-19-18 DOMESTIC	001693	114.0				163.0
		ADDRESS: S R 44	CITY/STATE: LECANTO, FL			ZIP: 32662-	PHONE: (000) 000-0000			
411518.01	058604	TOMASKIK, CURT	4.00	02-19-18 PUBLIC SUPPLY	001693	16.0				
		ADDRESS: SR 44	CITY/STATE: LECANTO, FL			ZIP: 32662-	PHONE: (000) 000-0000			
411973.01	058834	P & M ASPHALT	4.00	02-19-18 PUBLIC SUPPLY	001184	116.0				186.0
		ADDRESS: RT 1 BOX 137L12	CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
412467.01	059180	CHARLOTTE ADKINS	4.00	02-19-18 DOMESTIC	002024	110.0				140.0
		ADDRESS: 17 BRADSHAW AVENUE-LOT 13	CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000			
412852.01	057445	GEORGE SAVAGE	4.00	02-19-18 PUBLIC SUPPLY	002017	442.0				460.0
		ADDRESS: 1629 WEST GULF TO LAKE HWY.	CITY/STATE: LECANTO, FL			ZIP: 34461-	PHONE: (000) 000-0000			
414140.01	011294	SHERMAN OAKS	4.00	02-19-18 DOMESTIC	002105	86.0				105.0
		ADDRESS: 8414 N W 82ST	CITY/STATE: OCALA, FL			ZIP: 32070-	PHONE: (000) 000-0000			
414876.01	060730	RUNGE, AUGUST J	4.00	02-19-18 DOMESTIC	001584	255.0				290.0
		ADDRESS: 289 EASY STREET	CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
415336.01	060568	GARLAND, JAMES	4.00	02-19-18 DOMESTIC	002017	121.0				147.0
		ADDRESS: PO BOX 580	CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
424955.01	064731	HELPRIN, STANLEY	4.00	02-19-18 DOMESTIC	001584	145.0				160.0
		ADDRESS: LOT 1-A SCHOOL ST	CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000			
433602.01	055441	LEN KELLY HOMES	4.00	02-19-18 DOMESTIC	001584	160.0				200.0
		ADDRESS: 2400 ESSEX AVE	CITY/STATE: HERNANDO, FL			ZIP: 32642-	PHONE: (000) 000-0000			
434304.01	010904	SOUTHERN COMFORT HOMES	4.00	02-19-18 DOMESTIC	001584	145.0				190.0
		ADDRESS: P.O. BOX 298	CITY/STATE: MCINTOSH, FL			ZIP: 32664-	PHONE: (000) 000-0000			
436222.01	032796	B G RUSAN, INC	4.00	02-19-18 DOMESTIC	001584	183.0				220.0
		ADDRESS: PO BOX 776	CITY/STATE: CRYSTAL RIVER, FL			ZIP: 32629-	PHONE: (000) 000-0000			
447319.01	116739	TRENTA, ROBERT	4.00	02-19-18 DOMESTIC	001150	55.0				57.0
		ADDRESS: LOT 12 LAKE NINA DR	CITY/STATE: HERNANDO, FL			ZIP: 32642-	PHONE: (000) 000-0000			
464858.01	054041	FAIRWAY CUSTOM HOMES	4.00	02-19-18 DOMESTIC	009015	126.0				150.0
		ADDRESS: 116 COMMERCIAL HWY	CITY/STATE: SPRING HILL, FL			ZIP: 33526-	PHONE: (000) 000-0000			

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467167.01	132823	WHITE, JOHN ADDRESS: LOT 6 ZENA CT	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	143.0	ZIP: 32667-	PHONE: (000) 000-0000	171.0	
477958.01	138676	JOHNSON, KENNETH ADDRESS: 175 S SCHOOL AVE	4.00	02-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	001150	461.0	ZIP: 32661-	PHONE: (000) 000-0000	505.0	
479377.01	139477	MISE, NELSON ADDRESS: 3645 LAKE NINA	4.00	02-19-18 DOMESTIC CITY/STATE: HERNANDO, FL	001693	36.0	ZIP: 32642-	PHONE: (000) 000-0000	38.0	
479635.01	139842	GASTLEY, LARRY ADDRESS: 6575 LAKE NINA	4.00	02-19-18 DOMESTIC CITY/STATE: HERNANDO, FL	001693	72.0	ZIP: 32642-	PHONE: (000) 000-0000	75.0	
494906.01	147668	JOHNSON, GREG ADDRESS: LOT 320 EASY ST	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	210.0	ZIP: 32646-	PHONE: (000) 000-0000	213.0	
495064.01	147756	JOYNER JAMES ADDRESS: 701 S. FAIRBANKS PATH	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001150	470.0	ZIP: 32661-	PHONE: (000) 000-0000	595.0	
500670.01	150912	SNYDER RANDAL ADDRESS: LOT 3 CHIPMUNK CT.	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	007037	108.0	ZIP: 32661-	PHONE: (000) 000-0000	120.0	
519422.01	167799	JOHN CATLET ADDRESS: 6099 TROPICAN ST	4.00	02-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	001693	90.0	ZIP: 32647-	PHONE: (000) 000-0000	110.0	
544587.01	201897	JOHN WHITE ADDRESS: LOT 1 SOUTH EASY STREET	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001251	84.0	ZIP: 34461-	PHONE: (904) 726-7319	150.0	
545243.01	202460	JOHN WHITE ADDRESS: 2225 NORTH MCGEE DRIVE	4.00	02-19-18 DOMESTIC CITY/STATE: HERNANDO, FL	001251	84.0	ZIP: 34442-	PHONE: (904) 726-7319	150.0	
545352.01	202476	MELINDA ALEXANDER ADDRESS: 7090 SOUTH DAYTON POINT	4.00	02-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	001546	88.0	ZIP: 34446-	PHONE: (904) 621-0396	90.0	
551998.01	208072	ROBERT STACK ADDRESS: LOT 24 EASY AVENUE	4.00	02-19-18 DOMESTIC CITY/STATE: LECANTO, FL	001342	126.0	ZIP: 34460-	PHONE: (904) 746-4451	135.0	
553585.01	179413	ROBERT & DOROTHY VOGEL ADDRESS: 3697 NORTH HOLIDAY DRIVE	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: CRYSTAL RIVER, FL	001150	244.0	239.0 244.0 ZIP: 34428-	PHONE: (904) 795-5753	252.0	
555429.01	210277	CROSSLAND REALTY INC ADDRESS: 587 EAST GULF TO LAKE HIGHWAY	4.00	02-19-18 PUBLIC SUPPLY CITY/STATE: LECANTO, FL	001150	445.0	440.0 445.0 ZIP: 34461-	PHONE: (904) 726-6644	500.0	
557951.01	057445	GEORGE SAVAGE WELL LOC: 1629 WEST GULF TO LAKE HIGHWAY	4.00	02-19-18 PUBLIC SUPPLY	001150	436.0		PHONE: (000) 000-0000	507.0	
561305.01	001582	GERRITS CITRUS BUILDERS WELL LOC: SOUTH SCHOOL AVE	4.00	02-19-18 DOMESTIC	001150	152.0		PHONE: (904) 795-0317	170.0	
563390.01	215998	LOUIS HOME WELL LOC: 632 SD SCHOOL AVE	4.00	02-19-18 DOMESTIC	001150			PHONE: (000) 000-0000		

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327989.01	093853	W CREECHEN ADDRESS: NO ADDRESS	4.00	11-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	80.0 ZIP:	PHONE: (000) 000-0000	90.0
356156.01	017343	MILLS, RUSSELL N. ADDRESS: 1704-17TH ST	4.00	11-19-18 DOMESTIC CITY/STATE: CLEARWATER, FL	001150	135.0 ZIP: 33516-	PHONE: (000) 000-0000	140.0
373701.01	030452	DENSMORE REALTY ADDRESS: RT 44 WEST	4.00	11-19-18 DOMESTIC CITY/STATE: INVERNESS, FL	002134	130.0 ZIP: 32650-	PHONE: (000) 000-0000	130.0
414263.01	060260	MARSHALL, REGINA MRS ADDRESS: DENHOFF LANE	4.00	11-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	002017	ZIP: 32647-	PHONE: (000) 000-0000	
428595.01	066584	PIACH, MATTHEW ADDRESS: LOT 66, IRIQUOIS DR.	4.00	11-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	002017	136.0 ZIP: 32647-	PHONE: (000) 000-0000	138.0
432438.01	068435	MC CONNELL, GLEN ADDRESS: LOT 162, IRIQUOIS DRIVE	4.00	11-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002017	116.0 ZIP: 32629-	PHONE: (000) 000-0000	126.0
495448.01	147972	BRENNER, DON ADDRESS: 6650 TRELIS DR	4.00	11-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	001546	ZIP:	PHONE: (000) 000-0000	50.0
369251.01	075131	A MORTON ADDRESS: NO ADDRESS	4.00	12-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	226.0 ZIP:	PHONE: (000) 000-0000	285.0
339971.01	105776	DIPPOLITA, M ADDRESS: NO ADDRESS	4.00	12-19-18 DOMESTIC CITY/STATE: NO CITY, FL	999998	49.0 ZIP:	PHONE: (000) 000-0000	70.0
345857.01	111240	GILBERT, JERRY ADDRESS: NO ADDRESS	4.00	12-19-18 DOMESTIC CITY/STATE: NO CITY, FL	001251	ZIP:	PHONE: (000) 000-0000	
346322.01	111646	SKELEY, CHARLES L. ADDRESS: NO ADDRESS	4.00	12-19-18 DOMESTIC CITY/STATE: NO CITY, FL	001100	68.0 ZIP:	PHONE: (000) 000-0000	120.0
359658.01	019976	COPPINS, LLOYD H. ADDRESS: GENERAL DELIVERY	3.00	12-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	002017	40.0 ZIP: 32647-	PHONE: (000) 000-0000	41.0
370426.01	010592	EURON CORPORATION ADDRESS: NAUTILAUS ROAD, LOT 3368-69-70	4.00	12-19-18 DOMESTIC CITY/STATE: AVON PARK, FL	001150	365.0 ZIP: 33825-	PHONE: (000) 000-0000	367.0
387654.01	041719	SELLERS, WILLIAM D. ADDRESS: LOT 30 WEST HERITAGE DR	4.00	12-19-18 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	002268	90.0 ZIP: 32629-	PHONE: (000) 000-0000	100.0
400137.01	051191	BOMERS, ME ADDRESS: LOT 22 WEST HERITAGE DRIVE	4.00	12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	002017	40.0 ZIP: 32646-	PHONE: (000) 000-0000	45.0
402731.01	052814	INGALLS, ROBERT ADDRESS: LOT 38 APPOMATTOX LANE	4.00	12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL	002017	73.0 ZIP: 32646-	PHONE: (000) 000-0000	80.0
408183.01	056492	AUSTIN, HOWARD ADDRESS: PO BOX 526	4.00	12-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL	002017	37.0 ZIP: 32647-	PHONE: (000) 000-0000	39.0

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408809.01	056917	MERCANDINO, RONALD ADDRESS: LOT 7 WEST LIBERTY LA	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	48.0 ZIP: 32646-		PHONE: (000) 000-0000	51.0
409408.01	057280	CONNELLY, DAN ADDRESS: LOT 12 INDEPENDENCE AVE	4.00 12-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		001342	136.0 ZIP: 32652-		PHONE: (000) 000-0000	196.0
411087.01	056492	AUSTIN, HOWARD ADDRESS: PO BOX 526	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		002017	209.0 ZIP: 32647-		PHONE: (000) 000-0000	257.0
411479.01	058351	HANBY, ALAN C ADDRESS: LOT 2 MINUTEMAN STREET	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	ZIP: 32647-		PHONE: (000) 000-0000	
411959.01	058820	MCCUMSEY, DAVID ADDRESS: PO BOX 2925	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA SPRINGS, FL		002017	38.0 ZIP: 32646-		PHONE: (000) 000-0000	40.0
416553.01	061767	HALLER, BOB ADDRESS: LOT 6 MINUTEMAN DRIVE	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	35.0 ZIP: 32647-		PHONE: (000) 000-0000	43.0
423725.01	043673	ACME HOMES ADDRESS: 8438 SOUTH SUNCOAST BLVD	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	ZIP: 34448-		PHONE: (904) 382-1076	
423940.01	064887	SKINNER, RAY ADDRESS: 9918 E BASS	4.00 12-19-18 DOMESTIC CITY/STATE: INVERNESS, FL		001546	31.0 ZIP: 33650-		PHONE: (000) 000-0000	42.0
427162.01	065839	COLICCHIA, VICENT ADDRESS: 4509 S CHIRPER DR	4.00 12-19-18 DOMESTIC CITY/STATE: LACANTO, FL		001546	44.0 ZIP: 32661-		PHONE: (000) 000-0000	47.0
432146.01	068287	MESKER, KEN ADDRESS: LOT 26, MONTICELLO STREET	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		002017	361.0 ZIP: 32646-		PHONE: (000) 000-0000	390.0
442085.01	115744	HIX, THOMAS ADDRESS: LOT 37 APPOMATIX DR	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	42.0 ZIP: 32646-		PHONE: (000) 000-0000	51.0
443081.01	116098	MARAKIS, VICTORIA D ADDRESS: LOT 10 APPOTAMATIX DRIVE	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	84.0 ZIP: 32646-		PHONE: (000) 000-0000	98.0
454731.01	124773	SPEEN, WILLIAM ADDRESS: LOT 18 GETTYSBURG DR	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	100.0 ZIP: 32646-		PHONE: (000) 000-0000	109.0
465998.01	132254	BICKFORD, MEREDITH ADDRESS: LOT 71 W. MONTICELLO ST	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	132.0 ZIP: 32646-		PHONE: (000) 000-0000	150.0
504502.01	152906	TOUCHTON, DANIEL ADDRESS: 6560 W MINUTEMAN ST	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	140.0 ZIP: 32646-		PHONE: (000) 000-0000	143.0
508725.01	155071	MITCHELL, ROBERT W ADDRESS: 6619 W CONSTITUTION LANE	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		001073	88.0 ZIP: 32646-		PHONE: (000) 000-0000	105.0
512505.01	161459	MABEL GREENAN ADDRESS: 6456 W MONTICELLO ST	4.00 12-19-18 DOMESTIC CITY/STATE: HOMOSASSA, FL		009015	81.0 ZIP: 32646-		PHONE: (000) 000-0000	85.0

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512751.01	161715	RONALD HOLLOWAY	4.00	12-19-18 DOMESTIC	001073 51.0			67.0
ADDRESS: LOT 29 CARIGE TERRACE			CITY/STATE: HOMOSASSA SPRINGS, FL			ZIP: 32647-	PHONE: (000) 000-0000	
541160.01	052605	COOPER, A G	4.00	12-19-18 DOMESTIC	009015 73.0			80.0
ADDRESS: LOT 13 GRIFFITH STREET			CITY/STATE: CRYSTAL RIVER, FL			ZIP: 32647-	PHONE: (000) 000-0000	
545569.01	151559	CRYSTAL HOME CENTER	4.00	12-19-18 DOMESTIC	001150 302.0			325.0
ADDRESS: GULF TO LAKE HWY			CITY/STATE: LECANTO, FL			ZIP: 32661-	PHONE: (000) 000-0000	
553270.01	010657	MCDANIELS MOBILE HOME	4.00	12-19-18 DOMESTIC	001150 148.0			152.0
ADDRESS: HIGHWAY 41			CITY/STATE: INVERNESS, FL			ZIP: 32650-	PHONE: (000) 000-0000	
559946.01	213364	BARRY E SUSAN JONES	4.00	12-19-18 DOMESTIC	009015 133.0			145.0
WELL LOC: LOT 74 WEST MONTICELLO STREET							PHONE: (904) 628-0852	

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307329.01	072762	L ST MARTIN ADDRESS: NO ADDRESS	3.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	37.0 ZIP:	-	PHONE: (000) 000-0000	60.0
307728.01	073609	D WARD ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	174.0 ZIP:	-	PHONE: (000) 000-0000	185.0
309792.01	072762	L ST MARTIN ADDRESS: NO ADDRESS	3.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	52.0 ZIP:	-	PHONE: (000) 000-0000	80.0
310152.01	076031	L STAKES ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	283.0 ZIP:	-	PHONE: (000) 000-0000	290.0
311626.01	077504	J M VINCENT ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	120.0 ZIP:	-	PHONE: (000) 000-0000	180.0
313851.01	017349	BELMONT HOMES ADDRESS: RT 2, BOX 539 HWY 44 W	3.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	999998	135.0 ZIP: 32650-	-	PHONE: (000) 000-0000	150.0
317497.01	083372	J LYONS ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	231.0 ZIP:	-	PHONE: (000) 000-0000	268.0
323675.01	089543	A SPIRES ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001142	52.0 ZIP:	-	PHONE: (000) 000-0000	73.0
323881.01	052423	BEL-AIRE HOMES INC ADDRESS: 2501 CUB PLAGE	3.00	06-19-19 DOMESTIC CITY/STATE: SEFFNER, FL	999998	150.0 ZIP: 33584-	-	PHONE: (000) 000-0000	155.0
327354.01	076036	H GODING ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001342	206.0 ZIP:	-	PHONE: (000) 000-0000	225.0
330285.01	079065	M JOHNSON ADDRESS: NO ADDRESS	3.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001693	42.0 ZIP:	-	PHONE: (000) 000-0000	49.0
332414.01	144186	ALL STATE HOMES ADDRESS: POST OFFICE BOX 280158	4.00	06-19-19 DOMESTIC CITY/STATE: TAMPA, FL	001150	135.0 ZIP: 33682-0158	-	PHONE: (000) 000-0000	166.0
332540.01	098379	R DOLLAR ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001150	193.0 ZIP:	-	PHONE: (000) 000-0000	216.0
334123.01	099960	LOTT B ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001150	211.0 ZIP:	-	PHONE: (000) 000-0000	240.0
341498.01	107230	DENSHONE, R ADDRESS: NO ADDRESS	4.00	06-19-19 DOMESTIC CITY/STATE: NO CITY, FL	001393	56.0 ZIP:	-	PHONE: (000) 000-0000	61.0
349828.01	012496	HAROLD SCHRADER ADDRESS: RT 1, BOX 457C	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	002017	147.0 ZIP: 32650-	-	PHONE: (000) 000-0000	154.0
355269.01	016701	ROEME, MRS. M. ADDRESS: GENERAL DELIVERY	4.00	06-19-19 DOMESTIC CITY/STATE: LECANTO, FL	001584	240.0 ZIP: 32661-	-	PHONE: (000) 000-0000	240.0

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356277.01	017381	STREICHER, DAVID L. ADDRESS: HWY 44 N RT 01 BOX 3102	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	102.0	ZIP: 32650-	PHONE: (000) 000-0000	108.0
356704.01	017869	SMITH, JOHN ADDRESS: 119 W MADISON RD	4.00	06-19-19 DOMESTIC CITY/STATE: HOLIDAY, FL	001584		ZIP: 33590-	PHONE: (813) 934-2511	
357823.01	017349	BELMONT HOMES ADDRESS: RT 2, BOX 539 HWY 44 N	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001693		ZIP: 32650-	PHONE: (000) 000-0000	
360884.01	020805	FITZGERALD, J. G. ADDRESS: 2526 39TH AVE N	4.00	06-19-19 DOMESTIC CITY/STATE: ST PETERSBURG, FL	001150	210.0	ZIP: 33724-	PHONE: (000) 000-0000	216.0
364979.01	010986	BELMONT HOMES ADDRESS: SR 44 WEST	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001584	225.0	ZIP: 32650-	PHONE: (000) 000-0000	250.0
373208.01	030106	FALKS, JIM ADDRESS: CASTLE LAKE PARK	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	002134	40.0	ZIP: 32650-	PHONE: (000) 000-0000	40.0
394272.01	046254	NOTTE, JERRY ADDRESS: 45 SALISBURY TERRACE	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	176.0	ZIP: 32650-	PHONE: (000) 000-0000	178.0
396246.01	049050	DAIGNAULT, ADRIEN L ADDRESS: GENERAL DELIVERY	3.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001342		ZIP: 32650-	PHONE: (000) 000-0000	
399983.01	051074	BOYD, TIMOTHY ADDRESS: LOT 11 SALISBURY STREET	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001584	182.0	ZIP: 32650-	PHONE: (000) 000-0000	190.0
411110.01	058336	FIELDS, LAWRENCE ADDRESS: 2992 POSTUM CT	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	002134	105.0	ZIP: 32650-	PHONE: (000) 000-0000	120.0
413655.01	059901	FITZGERALD, JAMES ADDRESS: 235 SOUTH HANDY TERRACE	4.00	06-19-19 DOMESTIC CITY/STATE: LECANTO, FL	001342	323.0	ZIP: 32661-	PHONE: (000) 000-0000	343.0
418090.01	062463	SIMS, MIKE ADDRESS: PO BOX 39	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	002017	195.0	ZIP: 32651-	PHONE: (000) 000-0000	210.0
423550.01	064160	LEWIS, FRANK ADDRESS: C/O TASCHEREAU 650 E CHARLESTON	4.00	06-19-19 DOMESTIC CITY/STATE: HERNANDO, FL	001150	57.0	ZIP: 32642-	PHONE: (000) 000-0000	60.0
437549.01	113607	MCDONALD, HARRY ADDRESS: 5361 SHADY ACRES	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001184	42.0	ZIP: 32650-	PHONE: (000) 000-0000	42.0
464762.01	131688	HILLIARD, BILL ADDRESS: 1650 FISH CREEK POINT	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: CRYSTAL RIVER, FL	001315	185.0	ZIP: 32629-	PHONE: (000) 000-0000	205.0
466175.01	069311	CHALLA, HANIMI ADDRESS: 79 HWY 41 N	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	77.0	ZIP: 32650-	PHONE: (000) 000-0000	79.0
482877.01	141536	HELTON, RAYMOND ADDRESS: 715 E GULF TO LAKE HWY	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: LECANTO, FL	001150	163.0	ZIP: 32661-	PHONE: (000) 000-0000	185.0

WCR050-01
21:04:17

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT
WELL CONSTRUCTION PERMITTING

03-22-91
PAGE

WELL PERMITS ISSUED REPORT

COUNTY: CITRUS

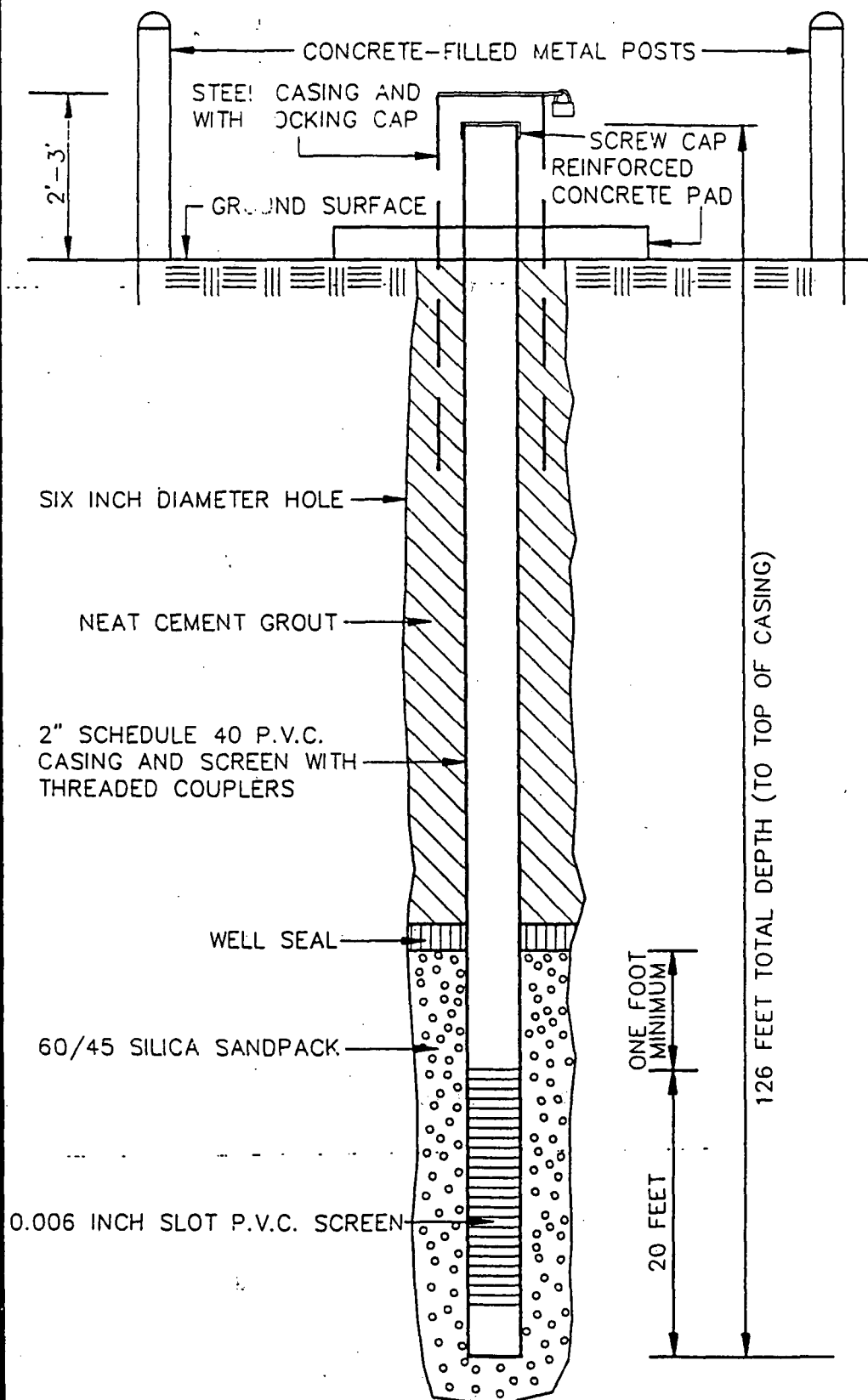
ISSUE DATE RANGE: 01/01/70 THRU 03/22/95

MCP NUMBER	OWNER ID	OWNER INFORMATION	WELL LOCATION DIAMETER S-T-R	USE CD DESCRIPTION	CONTRACTOR ID	PRIM DEPTH	TELESCOPE FROM	LINER TO	WELL DEPTH
484724.01	142652	FORCE, JOHN ADDRESS: 5265 EAST TENSION ST	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001342	105.0 ZIP: 32652-		PHONE: (000) 000-0000	115.0
492536.01	124638	ENCORE HOMES ADDRESS: PO BOX 1072	4.00	06-19-19 DOMESTIC CITY/STATE: FLORAL CITY, FL	001150	82.0 ZIP: 32636-		PHONE: (000) 000-0000	152.0
494207.01	032796	B G RUSAN, INC ADDRESS: PO BOX 776	4.00	06-19-19 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	205.0 ZIP: 32629-		PHONE: (000) 000-0000	250.0
498510.01	145122	B G RUSAN INC ADDRESS: P O BOX 776	4.00	06-19-19 DOMESTIC CITY/STATE: CRYSTAL RIVER, FL	001584	180.0 ZIP: 34423-		PHONE: (000) 000-0000	190.0
506579.01	153961	SMILLIE, CAROLYN ADDRESS: 3836 E EAGLE TRAIL	4.00	06-19-19 DOMESTIC CITY/STATE: HERNANDO, FL	009087	30.0 ZIP:		PHONE: (000) 000-0000	30.0
541673.01	199266	FRANK LEWIS ADDRESS: 4175 SO BIG AL POINT	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: INVERNESS, FL	001150	166.0 161.0 166.0 ZIP:		PHONE: (000) 726-5601	195.0
544149.01	201450	BILL & CINDY SCHACK ADDRESS: 2838 S BUCKLEY POINT	4.00	06-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001150	205.0 ZIP: 34450-		PHONE: (000) 000-0000	217.0
555430.01	126742	BOBBY WATSON ADDRESS: 5877 E GULF TO LAKE HWY	4.00	06-19-19 PUBLIC SUPPLY CITY/STATE: LECANTO, FL	001150	161.0 ZIP: 34461-		PHONE: (904) 726-6644	197.0
561395.01	214535	JAMES PEARMAN WELL LOC: 184 TWIN LAKE DR	4.00	06-19-19 DOMESTIC	001693			PHONE: (000) 000-0000	
305332.01	047629	RITZ, MRS ROBERT W ADDRESS: LOT 71 WHITE LAKE	3.00	07-19-19 DOMESTIC CITY/STATE: INVERNESS, FL	001342	47.0 ZIP: 32650-		PHONE: (000) 000-0000	73.0
307270.01	073152	L CANNON ADDRESS: NO ADDRESS	3.00	07-19-19 DOMESTIC CITY/STATE: NO CITY, FL	999998	115.0 ZIP:	-	PHONE: (000) 000-0000	115.0
455614.01	116620	HARLEY INFINGER CONST. ADDRESS: 9615 OAKLAHAHA DR.	4.00	07-19-19 DOMESTIC CITY/STATE: TAMPA, FL	002405	61.0 ZIP: 33617-		PHONE: (000) 000-0000	135.0
533901.01	180503	TIM OMELIAN PAM CHAMPPOR ADDRESS: 5006 NOBIS DR	4.00	07-19-19 DOMESTIC CITY/STATE: HOMOSASSA, FL	001546	116.0 ZIP: 34446-		PHONE: (000) 000-0000	119.0

Appendix C

MONITOR WELL DETAIL

MW-R-1 ACTIVE



REVISED 10/4/94

Citrus County Department of Technical Services

Division of Engineering
P.O. BOX 440 Lecanto, FL. 32661
Phone: (904)746-2694

Proj. No. 90 - 614

Drawn by: J.M.M. Date: 10/8/93

Scale: NOT TO SCALE

Sec. 1 Twp. 19 Rng. 18

WELL COMPLETION REPORT (Please complete in black ink or type.)

Form 25-12 Rev. 4/94

PERMIT NUMBER 550667-01
 WATER WELL CONTRACTOR'S
 SIGNATURE [Signature]
 COMPLETION DATE 9-94
 WELL USE: Public _____ Irrigation _____ 17-524 _____ Domestic _____

OWNER'S NAME CITRUS COUNTY LANDFILL
 LICENSE # 9053
 DRILL METHOD ☒ Rotary ☐ Cable Tool ☐ Combination
☐ Jet ☐ Auger Other _____
 Monitor ☒ Other _____

Neat Cement: No. of Bags		From (Ft.)	To (Ft.)
Bentonite: No. of Bags			

WELL LOCATION: County CITRUS
 Qtr: NW Qtr: SE Sec: 1 Twp: 18S Rge: 18E

DATE STAMP

Official Use Only

Sketch of well location on property

GULF TO LAKE

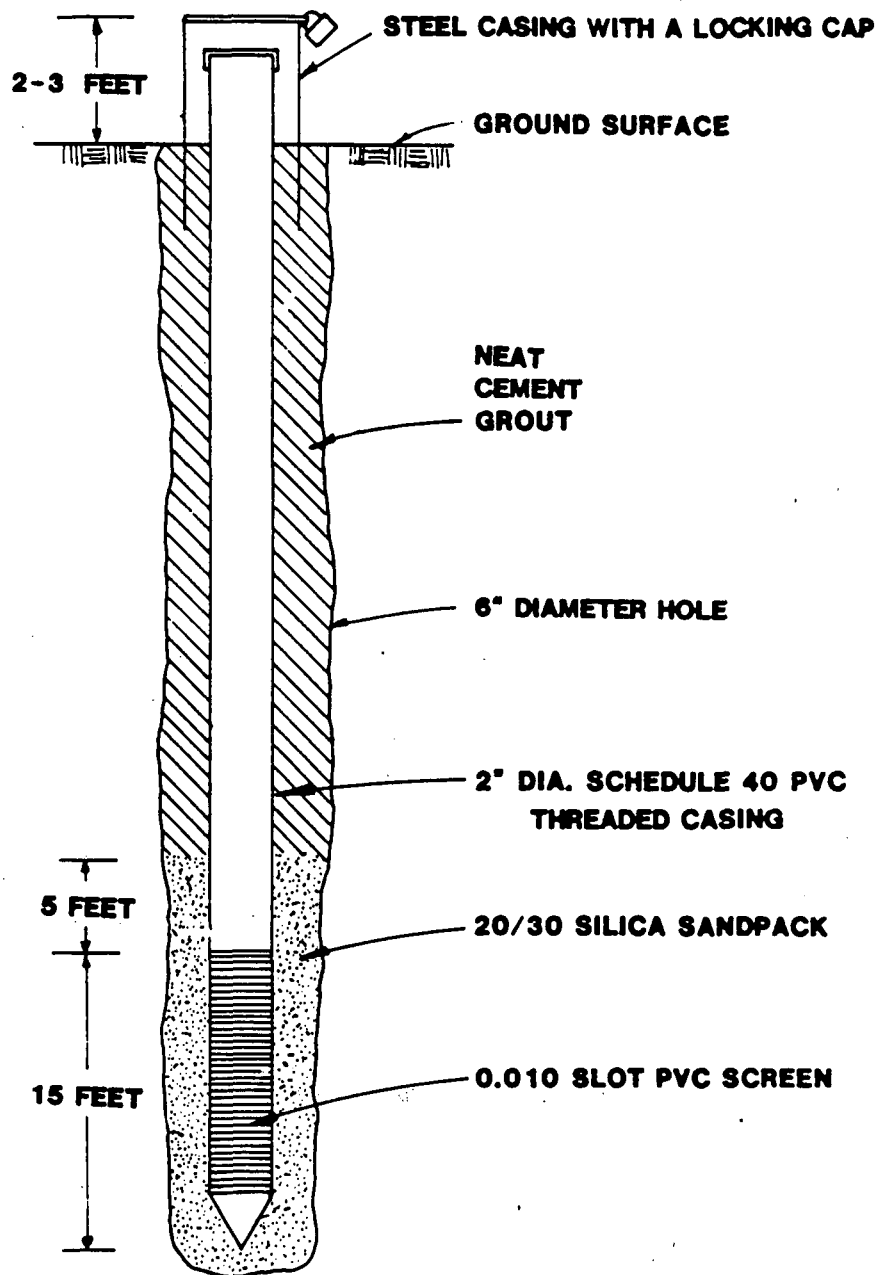
⊙

Give distances from septic tank and house or other reference points

CHEMICAL ANALYSIS
 Iron: _____ ppm Sulfate: _____ ppm
 Chlorides: _____ ppm
☐ Lab Test ☐ Field Test Kit
 Pump Type
☐ Centrifugal ☐ Jet ☐ Submersible ☐ Turbine
 Horsepower _____ Capacity _____ G.P.M. _____
 Intake/Injection Depth _____ Ft.

Measured Static Water Level <u>117</u>		
Measured Pumping Water Level _____		
Alter _____ Hours at _____ G.P.M.		
Measuring Pt. (Describe): <u>T.O.C.</u>		
Which is <u>2</u> Ft. ☒ Above ☐ Below Land Surface		
Casing: ☐ Black Steel ☐ Galv. ☒ PVC Other _____		
☐ Casing ☒ Screen	Depth (Ft.)	DRILL CUTTINGS LOG
Diameter & Depth (Ft.)	From To	Examine cuttings every 20 ft. or at formation changes. Give color, grain size, and type of material. Note cavities, depth to producing zones.
Diameter <u>2"</u>	<u>0</u> <u>14</u>	<u>LT BROWN SANDY CLAY</u>
From <u>13</u>	<u>14</u> <u>45</u>	<u>ORANGE SANDY CLAY</u>
To <u>117</u>	<u>45</u> <u>53</u>	<u>TAN SANDY CLAY</u>
	<u>53</u> <u>78</u>	<u>ORANGE/TAN FINE SANDY CLAY</u>
Diameter <u>2"</u>	<u>78</u> <u>127</u>	<u>TAN SANDY CLAY</u>
From <u>117</u>		
To <u>127</u>		
Diameter _____		
From _____		
To _____		

I certify that the information provided in this report is accurate and true.
 Driller's Name: _____
 (print or type) D. Syler



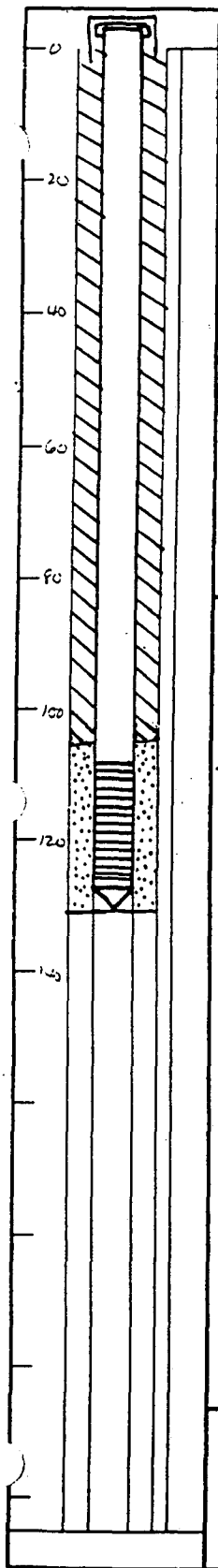
DRAFT



POST, BUCKLEY, SCHUH & JERNIGAN, INC.
MONITOR WELL DESIGN
CITRUS COUNTY LANDFILL

FIGURE 9

304569



Well No. MW-1
 Boring No. X-Ref: B-1

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: N 79 34.9562 Elevation Ground Level: 115.50
E 100 30.9034 Top of Casing: 117.54

Drilling Summary:

Total Depth: 128 feet
 Borehole Diameter: 6 inches
 Casing Stick-up Height: 2.04 feet
 Driller: Geodrill, Bill Niles
 Rig: GMESS
 Bit(s): 6-inch
 Drilling Fluid: Bentonite
 Protective Casing: yes

Well Design & Specifications

Basis: Geologic Log ☒ Geophysical Log ☐
 Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+2.04' - 113'	C	117.54 - +2.50
113' - 128'	S	+2.50 - -12.50
-	-	-
-	-	-
-	-	-

Casing: C1 2" PVC triloc schedule 40

C2

Screen: S1 2" 0.010 slot schedule 40 PVC

S2

Filter Pack: 20/30 silica sand
128' to 110'

Grout Seal: Type I 110 to surface

Bentonite Seal:

Construction Time Log:

Task	Start		Finish	
	Date	Time	Date	Time
Drilling	5/24/88	1400	5/27/88	0730
Geophys. Logging				
Casing:	5/27/88	0930	5/27/88	1100
Filter Placement:	5/27/88	1100	5/27/88	1230
Cementing:	5/27/88	1230	5/27/88	1330
Development:	5/27/88	1430	5/27/88	1630

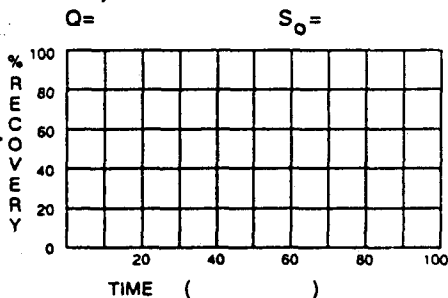
Well Development:

2 in compressor - 2 hours
bailed - 2 hours

Stabilization Test Data:

Time	pH	Spec. Cond.	Temp (C)

Recovery Data:



Comments: slow recovery after development.

SITE NAME CITRUS COUNTY LF

LOCATION CITRUS COUNTY

WC 11/10/7

SUPERVISED BY G. JONES

DATE 8/25/88



FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION Citrus County Landfill
Lacanto, FLDRILLING METHOD: mud-rotary

BORING NO.

B-1

SHEET

1 OF 4SAMPLING METHOD: split-spoon

DRILLING

START

FINISH

TIME

TIME

DATE

DATE

WATER LEVEL W110 ft = 10 ft = 5' NVDTIME 1000 1330DATE 5/26/88 5/31/88DATE 5/24/88DATE 5/26/88DATUM NGVDELEVATION 115' NVD

CASING DEPTH

DRILL RIG CME 45SURFACE CONDITIONS Scrub-brush

ANGLE

BEARING

SAMPLE HAMMER TORQUE

FT.-LBS

DEPTH IN FEET (ELEVATION)	BLOWS/BLANK ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
						FROM	TO	
2	3		Sand, orange-brown, F-M, HS, SA-A, dry, trace, roots, heavy mineral silt.					12 ³⁰ to 1 ³⁰ - de-cored rig.
4	3		slightly silty - As Above -					1 ³⁰ - Setting up on site B-1.
6	3		orange, damp. (A.A.)					1 ⁴⁰ - started continuous to split spooning
8	3		As Above					2 ¹⁵ - from 0 to 10 ft.
10	4		Silty Fine Sand, orange, HS/SA-A, damp, trace, heavy mineral silt.					2 ¹⁵ to 3 ⁵⁰ - drilled + sampled from 10 to 40 ft.
15	4		Silty, slightly clayey, Fine SAND - light tan-orange, trace medium sand, HS, A.					
20	4		Silty Sand - light tan-orange, HS, A, damp					

Printed on recycled paper.

A-1

DRILLING CONTR Geodril, Inc.

FS03993

LOGGED BY Glenda JonesDATE 6-6-88 CHK'D BY

DATA

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION	DRILLING METHOD:				BORING NO. B-1	
					SHEET 2 OF 4	
	SAMPLING METHOD:				DRILLING	
					START	
					FINISH	
					TIME	
WATER LEVEL						DATE
TIME						DATE
DATE						DATE
CASING DEPTH						

DATUM	ELEVATION	SURFACE CONDITIONS	
DRILL RIG	ANGLE	BEARING	
SAMPLE HAMMER TORQUE		FT.-LBS	

DEPTH IN FEET (ELEVATION)	BLOWS/ FEET ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
						FROM	TO	

25	4 7	<u>Silty, slightly clayey, Fine SAND</u> - lt. yellow-tan w/ orange mottling, sl. damp, HS, A; trace, medium co.	split spoon a.t. w/ 6" bit uncased	35 to 60 - drilled and sampled from 40 to 65 feet.
30	5 6 9	<u>Silty, sl. cl., F. SAND</u> - white to light tan, damp, trace, heavy mineral silt, HS-A.		
35	6 7 11	<u>Silty F. Sand</u> - Lt. tan - white, HS, A, moist; tr. heavy mineral silt.		
40	4 7 14	<u>Silty F. Sand</u> - Lt. tan, moist, HS, A, tr. h.m. silt.		
45	6 10 14	<u>Silty, v. sl. cl., Sand</u> - white moist; tr. clay, h.m. silt.		
50	10 16 16	<u>Silty Fine Sand</u> - A.A. no clay		
55	14 24 24	<u>Silty Fine Sand</u> - A.A. dense		
60	16 28 33	<u>Silty Fine Sand</u> - A.A. sl. damp, dense		

DRILLING CONTR. Geodril, Inc.

FS03993

LOGGED BY Glenda Jones
DATE 6-6-88 CHK'D BY

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION		DRILLING METHOD:				BORING NO. B-1		
						SHEET		
		SAMPLING METHOD:				3 OF 4		
						DRILLING		
						START FINISH		
DATUM		ELEVATION		WATER LEVEL		TIME		
				TIME		TIME		
				DATE		DATE		
				CASING DEPTH		DATE		
DRILL RIG				SURFACE CONDITIONS				
ANGLE		BEARING						
SAMPLE HAMMER TORQUE				FT.-LBS				
DEPTH IN FEET (ELEVATION)	BLOWS/ ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
						FROM	TO	
60			Silty, gl. cl. Fine Sand - AA. w/ trace, orange mottling.					9am - washing from to 35 ft. to 68.5 ft.
14 23 26								10 ³⁰ - 6 ¹⁵ drilling and sampling from 63 to 105 ft.
65			Silty Fine Sand - white- tan, v. dense, HS-A, moist, trace clay, tan mottling, lt. yellow silt pockets.					5/26
17 26 38			Silty Fine Sand - AA.					7am to 9 ³⁰ am - re-washed from 60 to 105 ft.
70			Slightly silty Fine Sand - white, F-M grained, HS-A, v. dense, moist, tr. h.m. silt.					9 ³⁰ to 11 ³⁰ - drilled and sampled from 105 to 130 ft.
17 29 43			Silty Fine Sand - A.A.					
75								
23 24 60								
80								
17 23 36								
85								
16 28 58			Silty Fine Sand - H. yellow- tan, w/ lenses of white med gr. gta. sand, HS-A, v. dense; tr. h.m. silt.					
90								
20 44 63			Silty Sand - A.A.					
95								

DRILLING CONTR. *Gradi*

FS03993

LOGGED BY *Glenda Jones*

DATE *6-6-88* CHK'D BY

DATE

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION		DRILLING METHOD:				BORING NO.			
						B-1			
						SHEET			
		SAMPLING METHOD:				4 OF 4			
						DRILLING			
						START	FINISH		
DATUM		ELEVATION		WATER LEVEL				TIME	TIME
				TIME					
				DATE				DATE	DATE
				CASING DEPTH					

DRILL RIG		SURFACE CONDITIONS	
ANGLE	BEARING		
SAMPLE HAMMER TORQUE		FT.-LBS	

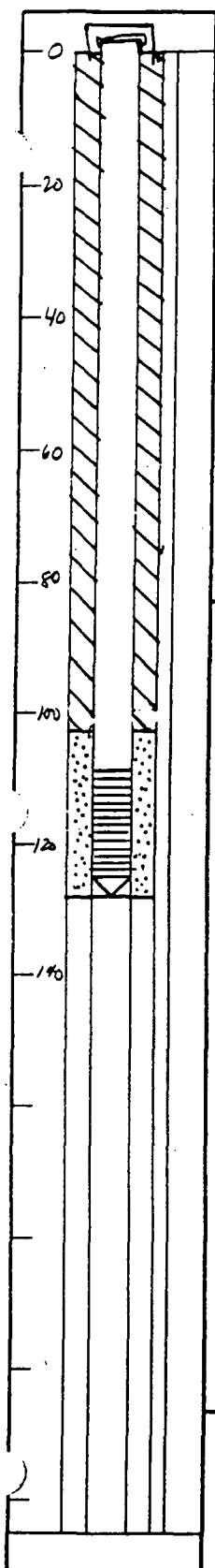
DEPTH IN FEET (ELEVATION)	BLOWS/FT. ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	

23 83 73			Silty Sand - white to lt. yellow w/ lenses of med. gr. sand, moist, dense, HS-A, trace h.m. silt.						
13 24 25			Silty, clayey SAND - A.A. w/ lt. orange mottling, damp, dense.						
33 64 65			Silty, slightly clayey SAND - moist to wet, v. dense, HS-A.						
17 34 40			Silty sand - tan, v. dense, wet, HS-A.						
18 40 44			A.A.						
20 32 36			Silty Sand - lt. tan to orange (A.A.)						
16 26 33			Silty, slightly clayey, SAND - white to tan, w/ lt. orange mottling, HS-A, v. dense, moist.						

DRILLING CONTR. Read 11

FS03993

LOGGED BY Glenda Jones
DATE 6-6-88 CHK'D BY



Well No. MW - 2
 Boring No. X-Ref: B-2

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: N 9983.4083 Elevation: Ground Level 133.10
E 11296.4915 Top of Casing 135.54

Drilling Summary:
 Total Depth 123 feet
 Borehole Diameter 6-inch
 Casing Stick-up Height: 2.44 ft.
 Driller Goodwill
 Rig CME 55
 Bit(s) 6-inch tri-cone
 Drilling Fluid BENTONITE
 Protective Casing yes

Construction Time Log:

Task	Start		Finish	
	Date	Time	Date	Time
Drilling	6/9/88	1245	6/11/88	1300
Geophys. Logging				
Casing:	6/11/88	1330	6/11/88	1400
Filter Placement:	6/11/88	1400	6/11/88	1545
Cementing:	6/11/88	1615	6/11/88	1700
Development:	6/27/88	1030	6/27/88	1330

Well Design & Specifications
 Basis: Geologic Log ☒ Geophysical Log ☐
 Casing String (s): C = Casing S = Screen.

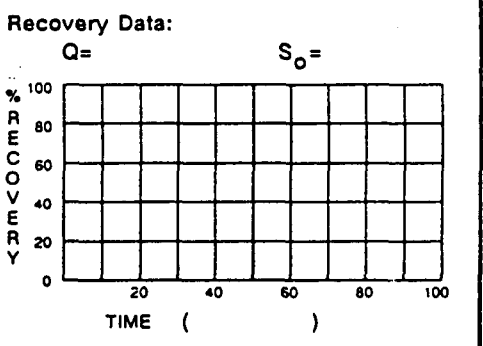
Depth	String(s)	Elevation
2.44 - 108	C	135.54 - 10.10
108 - 123	S	10.10 - 14.90
-	-	-
-	-	-
-	-	-

Well Development:
air compressor - 3 hrs
brided - 2 hrs

Stabilization Test Data:

Time	p H	Spec. Cond.	Temp (C)

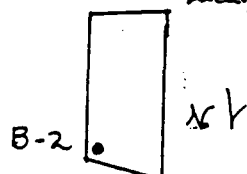
Casing: C1 2" schedule 40 PVC
 C2
 Screen: S1 2" 0.010 slot schedule 40 PVC
 S2
 Filter Pack: 20/30 silica sand
12.3' to 10.5'
 Grout Seal: TYPE I
103' to surface
 Bentonite Seal:



Comments: Well not deep enough, set above water table.

SITE NAME Citrus County L.F.
 LOCATION Citrus County
 WC # 1107
 SUPERVISED BY G. Jones
 DATE 8/25/88

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION <u>Citrus County Central Landfill</u> <u>Lacanto, FL</u>		DRILLING METHOD: <u>mud rotary</u>		BORING NO. <u>B-2</u>	
		SAMPLING METHOD: <u>split spoon</u>		SHEET <u>1</u> OF <u>4</u>	
				DRILLING	
		WATER LEVEL <u>11104</u>		START TIME <u>1245</u> FINISH TIME <u>1145</u>	
DATE <u>6/10/88</u>		DATE <u>6/10/88</u>		DATE <u>6/10/88</u>	
DATUM <u>NGVD</u> ELEVATION <u>133.1</u>		CASING DEPTH			

DRILL RIG <u>CME55</u>	SURFACE CONDITIONS
ANGLE	BEARING
SAMPLE HAMMER TORQUE	FT.-LBS

DEPTH IN FEET (ELEVATION)	BLOWS/FEET ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FEET ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	
0			<u>F-M SAND - black, orange, HS-A, damp, tr. roots.</u> <u>loose</u>						<u>12:45 - on site started SPT continuous from 0-10'</u>
2			<u>F-M SAND - orange, HS-A, damp, tr. heavy mineral silt, loose</u>						<u>1:05 - mixing mud washing from 0-13.5'</u>
4			<u>F-M SAND - lt. tan/orange HS-A, damp, loose</u>						<u>2:30 - drilling and sampling @ 35'</u>
6			<u>F-M SAND - Light tan, HS-A, damp, loose</u>						
8			<u>F-M SAND as above</u>						
10			<u>Sl. sandy, sl. clayey, SILT - dark orange, dry, crumbly, very stiff, v. pl.</u>						
15			<u>As Above</u>						

DRILLING CONTR GEORRILL

LOGGED BY Glenda Jones

DATE 6/12/88 CHK'D BY

FS03993

DRAFT

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION	DRILLING METHOD:				BORING NO. B-2	
					SHEET 2 OF 4	
	SAMPLING METHOD:				DRILLING	
					START	FINISH
					TIME	TIME
DATUM		ELEVATION		WATER LEVEL		
				TIME		
				DATE		
				CASING DEPTH		
				DATE		

DRILL RIG		SURFACE CONDITIONS	
ANGLE	BEARING		
SAMPLE HAMMER TORQUE		FT.-LBS	

DEPTH IN FEET (ELEVATION)	BLOWS/FOOT ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	

25	9 12 12		Sl. sandy SILT - orange, dry, crumbly, v. stiff, v. plastic.						drilling and sampling at 5' intervals
30	10 12 12		silty F SAND - orange, dry, HS-A, m. dense, n. pl.						
35	12 16 21		As Above w/ vertical thin lamina of white silty clay.						
40	12 15 16		SILTY F SAND - buff / orange, dry, HS/A, m. dense, n. pl.						
45	12 14 16		SILTY F SAND - white, dry, HS/A, dense, n. pl., trace heavy mineral silt.						
50	13 20 24		As Above w/ orange silty vertical thin lamina throughout spoon						
55	14 17 23		Sl. CL, Sl. S, SILT - white, damp, dense, v. pl., tr. h. m. silt.						
60	14 16 20		SILTY, SL. CLAYEY F. SAND - white, damp, dense, tr. h. m. silt.						

DRILLING CONTR GEORILL

FS03993

LOGGED BY Glenda Jones
DATE 6/13/88 CHK'D BY

DRAFT

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION		DRILLING METHOD:				BORING NO. B-2		
						SHEET 3 OF 4		
		SAMPLING METHOD:						
						DRILLING		
						START	FINISH	
DATUM		ELEVATION		WATER LEVEL			TIME	TIME
				TIME				
				DATE				DATE
		CASING DEPTH						

DRILL RIG		SURFACE CONDITIONS	
ANGLE	BEARING		
SAMPLE HAMMER TORQUE		FT.-LBS	

DEPTH IN FEET (ELEVATION)	BLOWS/FOOT ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	

60	19 30 45		SILTY F. SAND - white, damp, v. dense, HS/A, tr. h.m. silt.	split spoon alt. w/ 6" bit UNCASED				drilling and sampling @ 5' intervals
65	29 46 50		SILTY to sl. si F-M SAND - white/buff, damp, HS/A, v. dense, tr. h.m. silt.					
70	24 41 43	2	F-M SAND - buff, wet, v. dense, HS-A, n.pl.					
75	15 29 35		F-M SAND to silty SAND - tan to buff, wet to moist, v. dense, HS-A.					
80	25 37 43		As Above					
85	22 30 41		Silty F-M SAND - white, v. dense, HS-A, wet, n.pl. tr. h.m. silt.					
90	29 42 50		Silty F-M SAND - tan/white, v. dense, wet, HS-A, w/ Pockets of dk. brown F-M SAND.					
95								

DRILLING CONTR. Geodril

FS03993

LOGGED BY Glenda Jones

DATE 6/13/88 CHK'D BY

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION	DRILLING METHOD:				BORING NO. B-2	
					SHEET 4 OF 4	
	SAMPLING METHOD:				DRILLING	
					START	FINISH
	WATER LEVEL				TIME	TIME
	TIME				DATE	DATE
DATUM	ELEVATION	CASING DEPTH				

DRILL RIG	SURFACE CONDITIONS	
ANGLE	BEARING	
SAMPLE HAMMER TORQUE	FT.-LBS	

DEPTH IN FEET (ELEVATION)	BLOWS/FEET ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
						FROM	TO	

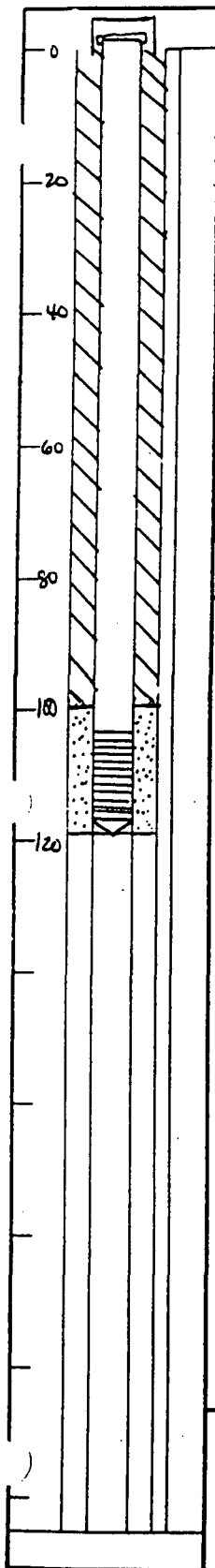
100	29 31 45		SILTY F-M SAND - white, wet, v. dense, HS-A, tr. h.m. silt.					drilling and sampling @ 5' intervals
105	30 30 1/4		As Above - tan/white					
110	34 43 50		As Above					
115	26 38 50		As Above					
120	24 40 60		As Above					
125	23 50 1/2		As Above					
	T.D.							

DRILLING CONTR. Geo drill

FS03993

LOGGED BY Glenda Jones

DATE 6/13/88 CHK'D BY



Well No. MW - 3

Boring No. X-Ref: B-3

MONITOR WELL CONSTRUCTION SUMMARY

Survey Coords: N 7375.2835
E 11290.7824

Elevation Ground Level 119.50
 Top of Casing 120.51

Drilling Summary:

Total Depth 119 feet
 Borehole Diameter 6-inch
 Casing Stick-up Height: 2.01 feet
 Driller Geodril
 Rig CME 55
 Bit(s) 6-inch
 Drilling Fluid Bentonite
 Protective Casing yes

Well Design & Specifications

Basis: Geologic Log ☒ Geophysical Log ☐
 Casing String (s): C = Casing S = Screen.

Depth	String(s)	Elevation
+1.0' - 104'	C	119.50 - 15.50
104' - 119'	S	15.50 - 0.50
-	-	-
-	-	-
-	-	-

Casing: C1 2" Schedule 40 PVC

C2

Screen: S1 2" 0.010 slot Schedule 40 PVC

S2

Filter Pack: 20/30 Silica Sand
119 to 100 feet

Grout Seal: Type I
100' to surface

Bentonite Seal:

Construction Time Log:

Task	Start		Finish	
	Date	Time	Date	Time
Drilling	6/2/88	0800	6/3/88	1000
Geophys. Logging				
Casing:	6/3/88	1030	6/3/88	1100
Filter Placement:	6/3/88	1100	6/3/88	1230
Cementing:	6/3/88	1230	6/3/88	1400
Development:	6/27/88	1330	6/27/88	1430

Well Development:

air compressor 1 hour
bailed ~ 2 hours

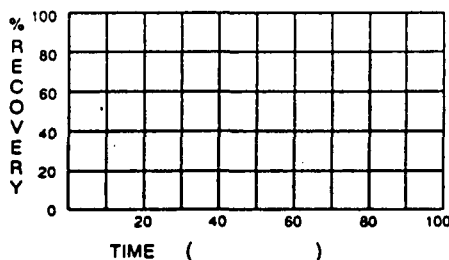
Stabilization Test Data:

Time	pH	Spec. Cond.	Temp (C)

Recovery Data:

Q=

S₀=



Comments:

SITE NAME Citrus County S.F.
CITRUS COUNTY

WC 100107

SUPERVISED BY G. Jones

DATE 8/25/88



FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION B-3 Citrus County L.F. G.W.M.P. Lacanto, FL NY		DRILLING METHOD: mud-rotary		BORING NO. B-3	
		SAMPLING METHOD: split spoon		SHEET 1 OF 4	
				DRILLING	
		WATER LEVEL 105 ft + 20" NEW		START	FINISH
		TIME 1200		TIME 1400	TIME 1500
		DATE 6-2-88		DATE 6-1-88	DATE 6-2-88
DATUM NGVD		ELEVATION 119.50		CASING DEPTH	
DRILL RIG CME 45		SURFACE CONDITIONS scrub brush			
ANGLE		BEARING			
SAMPLE HAMMER TORQUE		FT.-LBS			

DEPTH IN FEET (ELEVATION)	BLOWS/ FEET ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	
0			Sand - orange-brown, F-M, HS-A, damp.						6-1-88 1 ⁰⁰ - 2 ⁰⁰ : disconnected rig.
2			As Above						2 ⁰⁰ - 2 ¹⁵ : set up on B-4
4			As Above						2 ¹⁵ - 2 ⁴⁵ : split spoon from 0 to 10'.
6			slightly silty, light orange dry (As Above)						2 ⁴⁵ to 5 ⁰⁰ : drilled and sampled from 10' to 70'.
8			Light - orange/tan (As Above)						
10			Orange, slightly silty, damp, (As Above)						
15			Silty, clayey, dark orange Sand - F-M grained, sticky, moist.						
20									

DRILLING CONTR Glenda

FS03993

LOGGED BY Glenda Jones

DATE 6-7-88 CHK'D BY

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION				DRILLING METHOD:				BORING NO.	
								B-3	
				SAMPLING METHOD:				SHEET	
								2 of 4	
								DRILLING	
								START FINISH	
WATER LEVEL				TIME		TIME			
TIME				DATE		DATE			
DATE				DATE		DATE			
CASING DEPTH									
DATUM				ELEVATION					
DRILL RIG				SURFACE CONDITIONS					
ANGLE				BEARING					
SAMPLE HAMMER TORQUE				FT.-LBS					
DEPTH IN FEET (ELEVATION)	BLOWS/FOOT ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET FROM TO	DESCRIPTION OF OPERATION AND REMARKS	
25	9		(As Above)						
30	7		Silty, slightly clayey, Fine Sand - light tan-orange, moist, HS-A, sticky.						
35	10		Silty Fine Sand - lt. tan/orange, HS-A, moist.						
40	7		As Above						
45	5		Silty Fine Sand - buff to light tan/orange, moist, HS-A.						
50	10		As Above						
55	10		buff (As Above)						
60	12		As Above						

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DRILLING CONTR. Goodall

LOGGED BY Glenda Jones

FS03993

DATE 6-7-88 CHK'D BY

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION		DRILLING METHOD:				BORING NO. B-3	
						SHEET 3 OF 4	
		SAMPLING METHOD:					
						DRILLING	
						START	
WATER LEVEL						TIME	TIME
TIME							
DATE						DATE	DATE
CASING DEPTH							

DATUM		ELEVATION		SURFACE CONDITIONS			
DRILL RIG							
ANGLE		BEARING					
SAMPLE HAMMER TORQUE		FT.-LBS					

DEPTH IN FEET (ELEVATION)	BLOWS/BLANK ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	

60	15		As Above						6-2-88 80' - 200' drilled and sampled from 70' to 120 ft.
65	15 23		As Above						
70	18 21 24		As Above						
75	15 16 20		Silty, slightly clayey, Fine Sand - buff w/orange mottling, HS-A, moist.	split spoon alt. w/ 6" bit					
80	15 15 28		Silty, clayey, F. Sand - white, dense, moist, HS-A.						
85	25 30 34		As Above w/ F. Sand pockets						
90	29 32 45		Silty, Fine Sand, buff, moist, dense, HS-A.						
95	15 26 34		As Above - slightly clayey						

DRILLING CONTR Goodwill

FS03993

LOGGED BY Glenda Jones

DATE 6-7-88 CHK'D BY

FIELD LOG - SOIL BOREHOLE

SITE NAME AND LOCATION		DRILLING METHOD:				BORING NO. B-3			
						SHEET			
		SAMPLING METHOD:				4 OF 4			
						DRILLING			
		WATER LEVEL				START	FINISH		
		TIME				TIME	TIME		
DATUM		ELEVATION		DATE		DATE			
DRILL RIG		SURFACE CONDITIONS							
ANGLE		BEARING							
SAMPLE HAMMER TORQUE		FT.-LBS							
DEPTH IN FEET (ELEVATION)	BLOWS/FOOT ON SAMPLER (RECOVERY)	SOIL GRAPH	SAMPLE NUMBER AND DESCRIPTION OF MATERIAL	SAMPLER AND BIT	CASING TYPE	BLOWS/FOOT ON CASING	DEPTH IN FEET		DESCRIPTION OF OPERATION AND REMARKS
							FROM	TO	
19 23 50			Silty, bl. cl., F-M SAND - white/buff, v. dense, w/ pockets of M. SAND, HS-A.						
29 41 48			Silty SAND - buff, wet, HS-A, w/ pockets of M. SAND.						
24 35 50			As Above.						
26 39 50			Silty F-M SAND - buff, wet w/ lenses of M. SAND, HS-A, dense, trace clay.						
15 35 50			Sand - buff/gray, F-M grained, HS-A, wet, dense.						
T.O.									

DRILLING CONTR. Goodwill

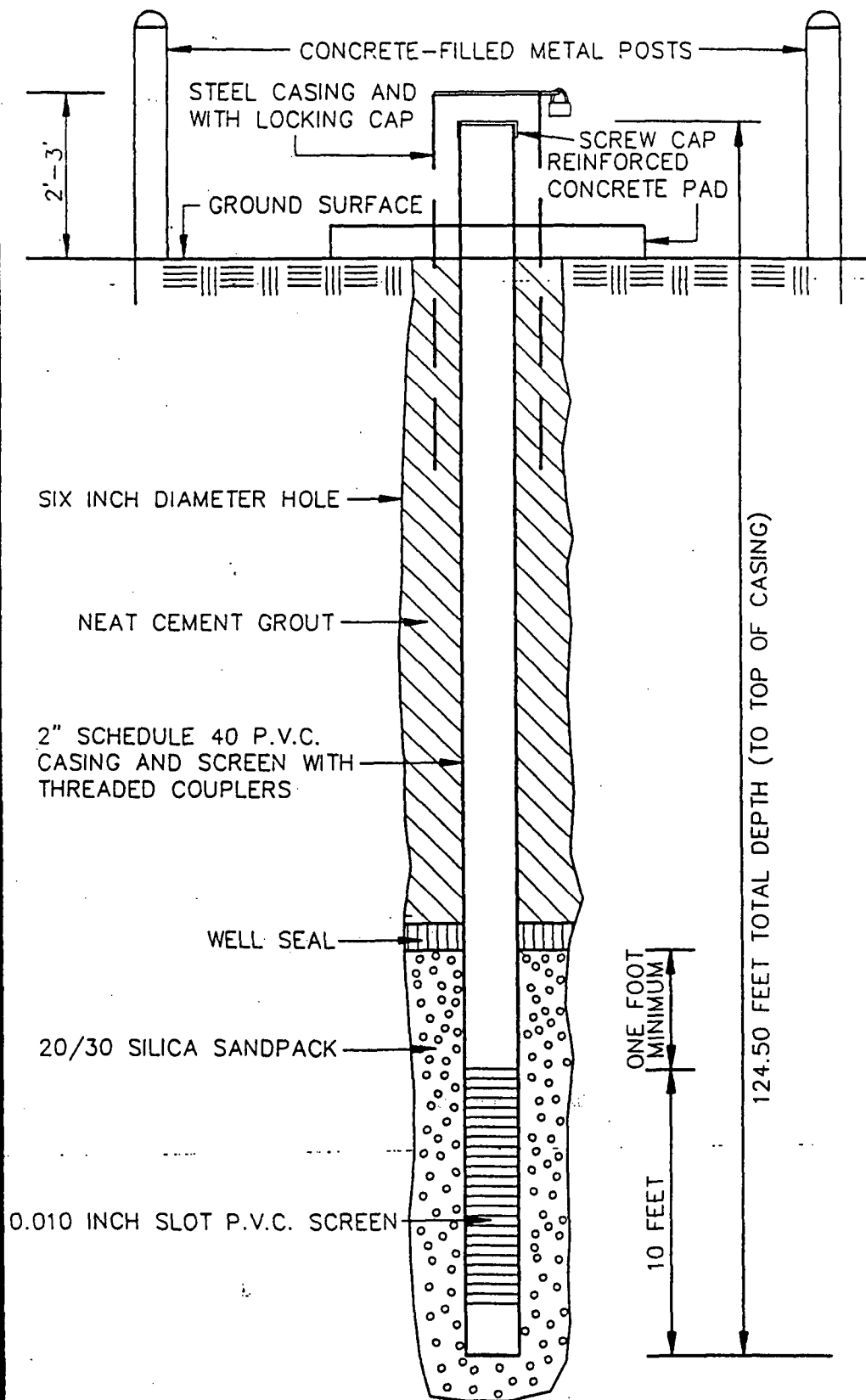
FS03993

LOGGED BY Glenda Jones

DATE 6-7-88 CHK'D BY

MONITOR WELL DETAIL

MW-4



REVISED 10/4/94

Citrus County Department of Technical Services

Division of Engineering
P.O. BOX 440 Lecanto, FL. 32661
Phone: (904)746-2694

Proj. No. 90 - 614

Drawn by: J.M.M. Date: 10/8/93

Scale: NOT TO SCALE

Sec. 1 Twp. 19 Rng. 18

— ease complete in black ink or type

WELL COMPLETION REPORT

Owner's Name CITRUS COUNTY LAND CO.

Permit Number 548067-03

Water Well Contractor's Signature

Completion Date

License No.

9053

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Ft.)	To (Ft.)
CH40 PVC	25"	0	110
Heat Cement: No. of Bags		From (Ft.)	To (Ft.)
18		0	108

IRON: _____ ppm SULFATE: _____ ppm CHLORIDES: _____ ppm
FINISH: Screen: _____ (Fl.) Open Hole: _____ (Fl.)

WELL LOCATION:

Dir: NW Qtr: SE Sec: 1 Twp: 18S Rge: 18E

WELL USE

Public _____
Domestic _____

Irrigation _____
Monitor ☒

17-524 _____
Other _____

DRILL METHOD

☒ Rotary ☐ Cable Tool ☐ Jet ☐ Auger Other _____

Measured Static Water Level 117 + = Ft

Measured Pumping Water Level _____ + _____ - _____ Ft.

After _____ Hours At _____ G.P.M.

Measuring Pt. (Describe): TOC

Which is 3 Ft. ☒ Above ☐ Below Land Surface

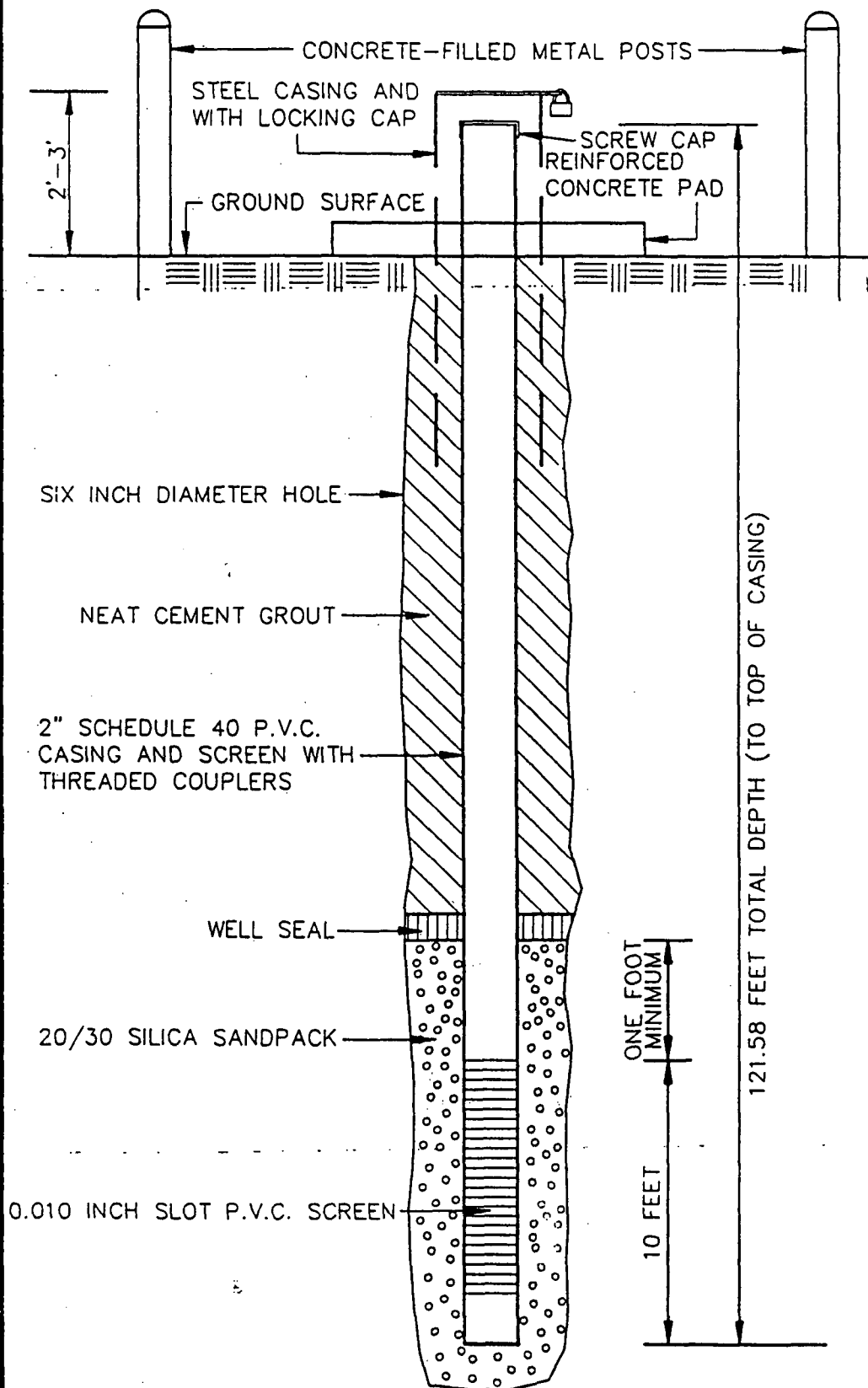
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I certify that the information provided in this report is accurate and true.

Driller's Name: KEENEWAD

MONITOR WELL DETAIL

MW5



REVISED 10/4/94

Citrus County Department of Technical Services

Division of Engineering
P.O. BOX 440 Lecanto, FL. 32661
Phone: (904)746-2694

Proj. No. 90 - 614

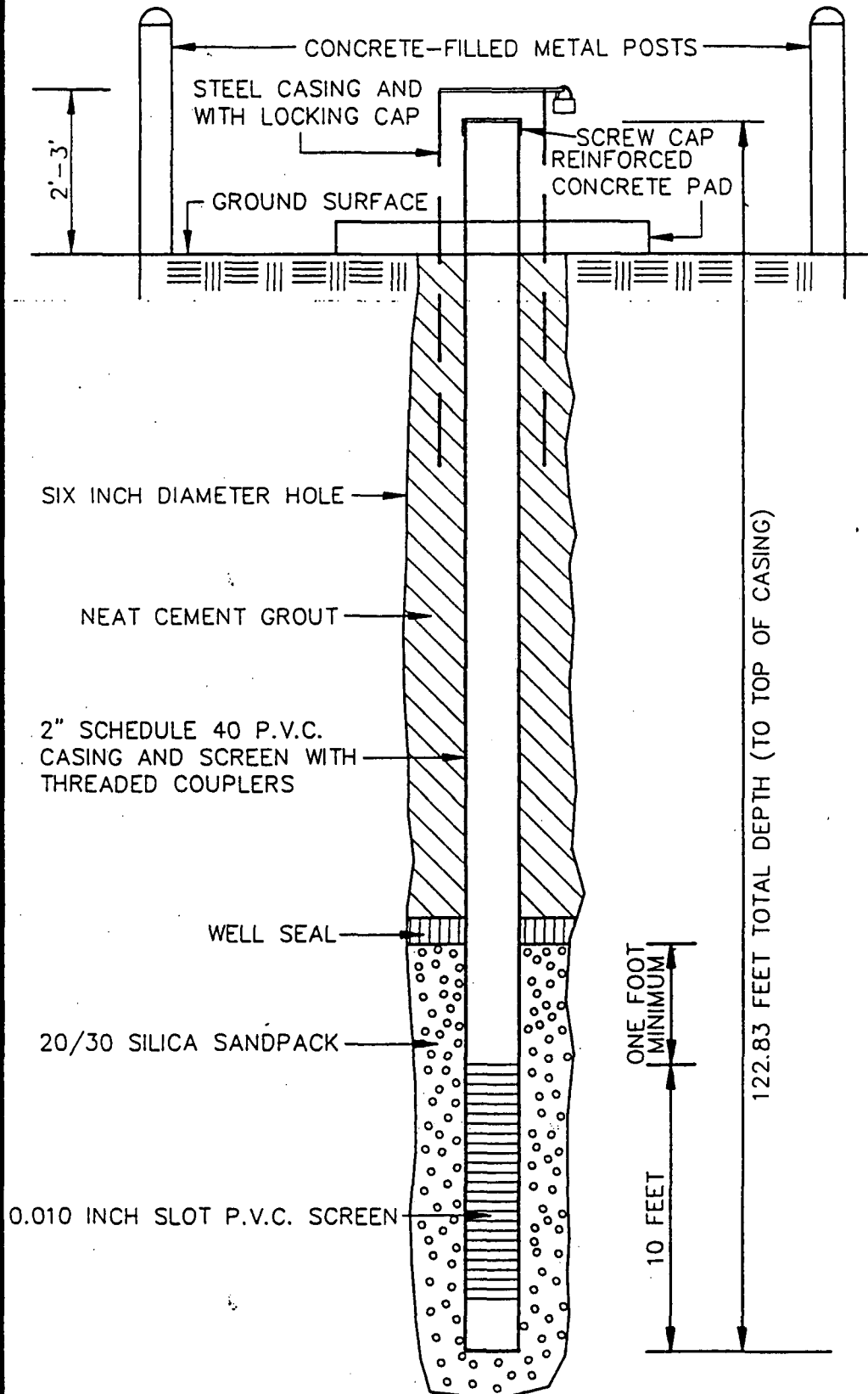
Drawn by: J.M.M. Date: 10/8/93

Scale: NOT TO SCALE

Sec. 1 Twp. 19 Rng. 18

MONITOR WELL DETAIL

MW-6



REVISED 10/4/94

Citrus County Department of Technical Services

Division of Engineering
P.O. BOX 440 Lecanto, FL. 32661
Phone: (904)746-2694

Proj. No. 90 - 614

Drawn by: J.M.M. Date: 10/8/93

Scale: NOT TO SCALE

Sec. 1 Twp. 19 Rng. 18

Please complete in black ink or type

VEEL COMPLETION REPORT

Owner's Name CITRUS CORP. LAUDER

Permit Number: 548947-02

Water Wall Contractor's Signature

294
L'enseignement de l'histoire

License No. 905-3

SURFACE CASING, CASING AND LINER MATERIAL:

Types	Diam. (In.)	From (Fl.)	To (Fl.)
SH 40 PVC	2"	0	110
Neat Cement: No. of Bags		From (Fl.)	To (Fl.)
18		0	108

IRON: _____ ppm SULFATE: _____ ppm CHLORIDES: _____ ppm
FINISH: Screen: 10 (Fl) Open Hole: _____ (Fl.)

WELL LOCATION:

Qtr: NW Qtr: 56 Sec: 1 Twp: 18S Rge: 18E

WELL USE

Public _____ Irrigation _____ 17-524____
Domestic _____ Monitor X _____ Other _____

DRILL METHOD

☒ Rotary ☐ Cable Tool ☐ Jet ☐ Auger Other _____
 Measured Static Water Level 11.7 _____ Ft.
 Measured Pumping Water Level _____ Ft.
 After _____ Hours At _____ G.P.M.
 Measuring Pt. (Describe): 10
 Which is 5 _____ Ft. ☒ Above ☐ Below Land Surface

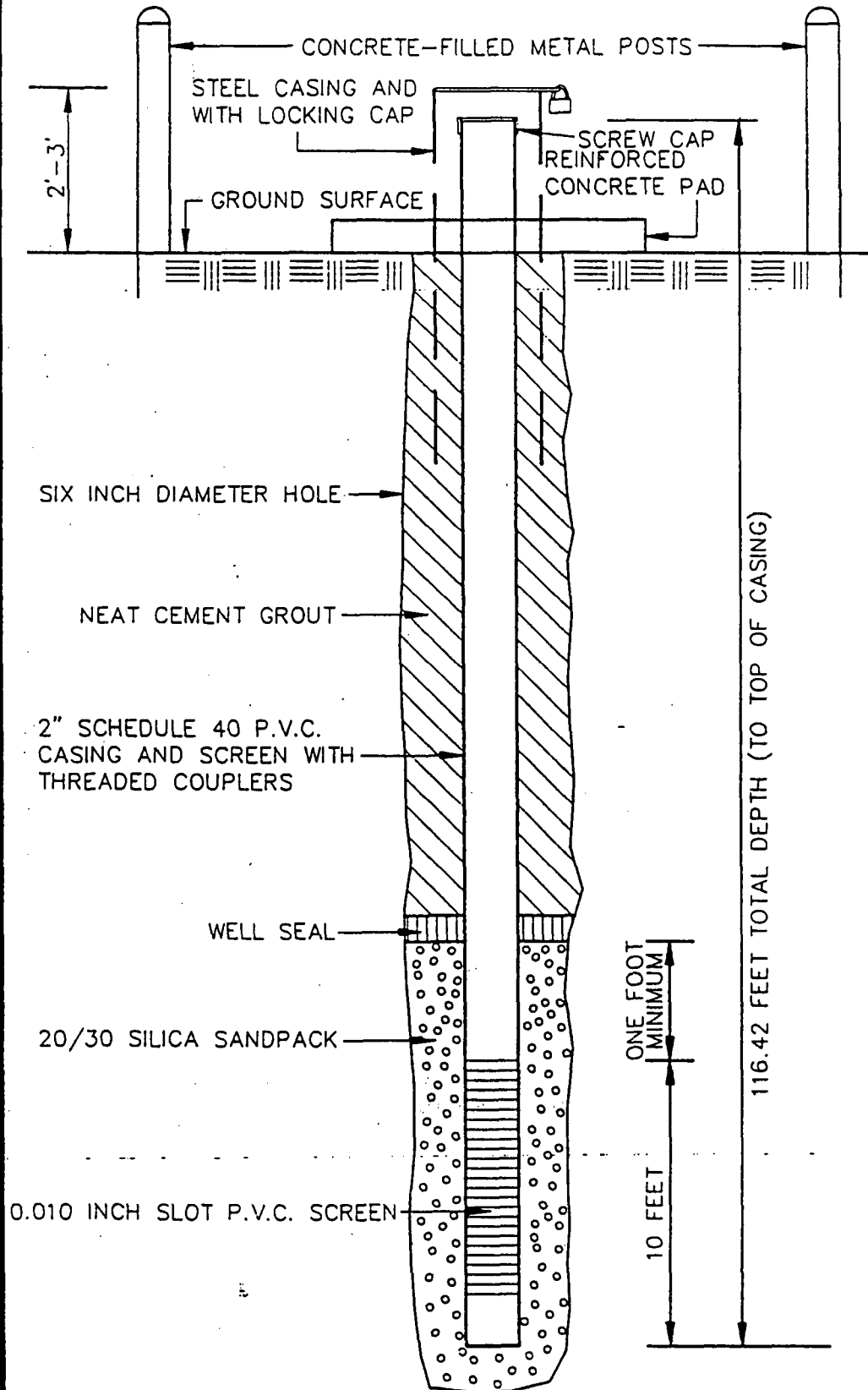
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I certify that the information provided in this report is accurate and true.

Driller's Name: 二子太田

MONITOR WELL DETAIL

MW-AA



REVISED 10/4/94

Citrus County Department of Technical Services
 Division of Engineering
 P.O. BOX 440 Lecanto, FL. 32661
 Phone: (904)746-2694

Proj. No. 90 - 614

Drawn by: J.M.M. Date: 10/8/93

Scale: NOT TO SCALE

Sec. 1 Twp. 19 Rng. 18

Water Well Contractor's Signature _____ Completion Date _____

URFACE CASING, CASING AND LINER MATERIAL:

WELL USE

Irrigation ☐
Monitor ☒ (Land Fill)

Which is 105 Ft. ☐ Above ☒ Below Land Surface

Driller's Name: Eric L. Wade

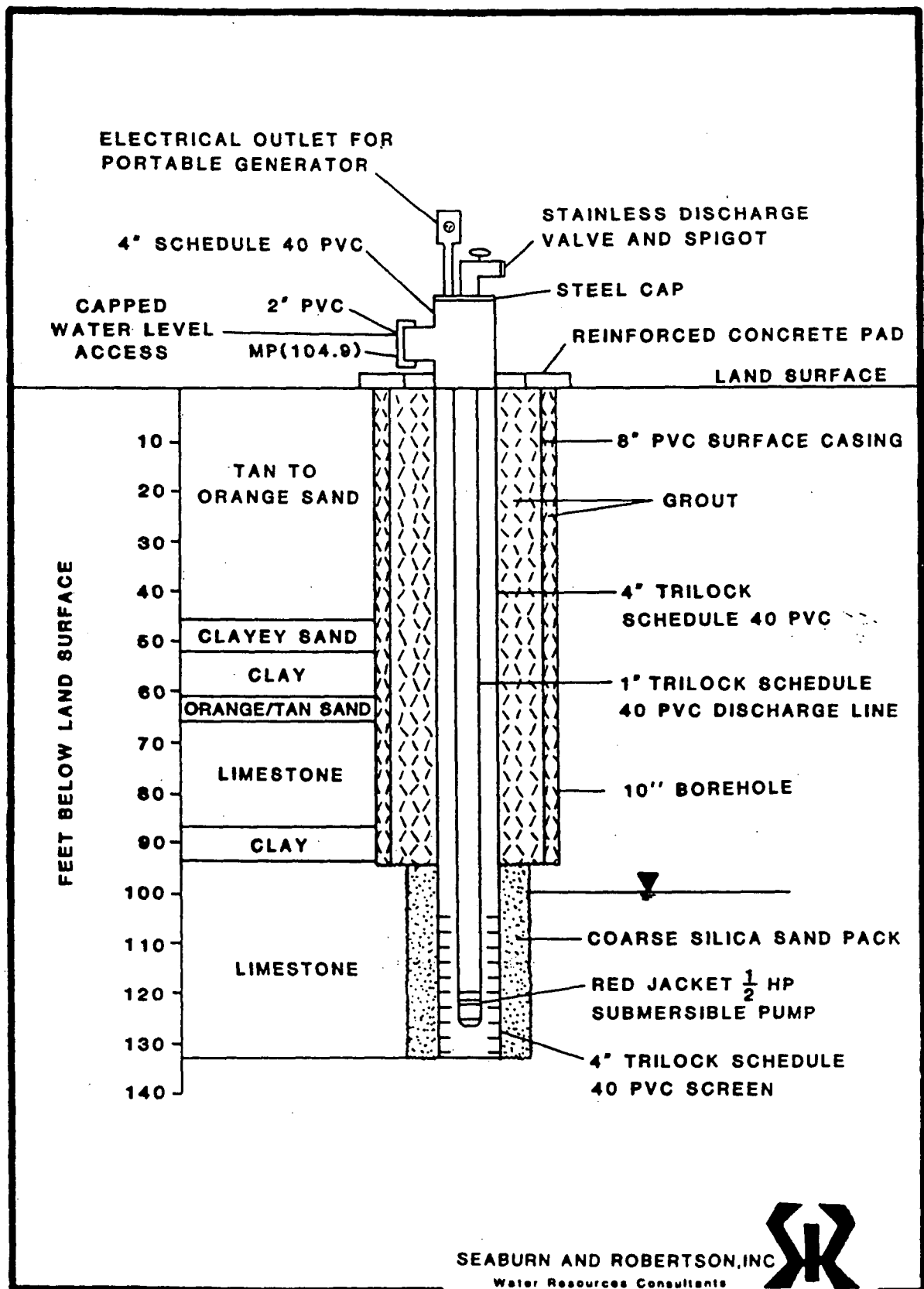


FIGURE 12.- MONITOR WELL A CONSTRUCTION DETAILS AND GEOLOGIC LOG. 49

Site: _____

Seaburn And Robertson, Inc.

Borehole: "A" Project No.: 83153
Lat.-Long.: Lat. 28° 51' 09" Long. 82° 26' 34" Client: Citrus County
Location: West boundary of landfill Geologist: J. McAllister/
Elevation of Land Surface: 103.8 feet above msl Total Depth: 135.0'
Log Reference Datum: Land surface Drilling Method: Rotary Mud SPT

Description Parameters: **Primary rock type, color, hardness, texture, secondary rock type, specific minerals, fossils, observable porosity.**

Depth Interval (ft)	Description
0 - 10.0	<u>SAND</u> - Light to med. tan/orange, fine grained, well sorted, quartz; loose, some roots, minor heavy mineral grains, slight "leachate" odor.
13.5 - 15.0	<u>SAND</u> - Light tan with med. orange/tan mottling, fine grained well sorted, quartz; loose, v. minor heavy mineral grains, slight "leachate" odor.
18.5 - 20.0	<u>SAND</u> - Light to med. tan, fine -rained with rare medium grains, mod. well sorted, quartz; mod. loose to loose, minor heavy mineral grains, v. slight "leachate" odor.
23.5 - 25.0	<u>SAND</u> - Light to med. tan/orange mottled, fine grained, well sorted quartz; some slightly silty fine gr. materials, rare heavy mineral grains, v. slight "leachate" odor.
28.5 - 30.0	<u>SAND</u> - Medium tan/orange, fine to very fine grained well sorted quartz; moderately loose to mod. dense, some sl. silty fine grained materials, no noticeable odor.
33.5 - 35.0	<u>SAND</u> - Med. tan/orange, fine grained, well sorted quartz with some very minor lt. tan quartz seams; mod. loose to mod. dense, some sl. silty fine grained material, no noticeable odor.
38.5 - 40.0	<u>SAND</u> - Med. tan/orange, minor thin light tan sand seams, fine grained, well sorted quartz; mod. dense, sl. clayey, minor phosphorite grains.
43.5 - 45.0	<u>SAND</u> - Med. tan/orange, fine grained, well sorted, mod. dense quartz; minor thin light tan sand seams, slightly clayey, very minor white poorly cemented sands.

FORM DATE: 1/25/78

Site: _____

Depth Interval (ft)	Description
48.5 - 50.0	<u>SAND</u> - Med. tan/orange, very fine grained, well sorted quartz; mod. dense, v. slightly sticky, mod. soft, siliceous; some white poorly cemented sands.
53.5 - 55.0	<u>CLAYEY SAND AND CLAY</u> - Med. and lt. tan/orange to brown/orange, fine grained, well sorted mod. dense quartz; some white poorly to mod. well cemented sands; clay - mod. firm to firm, sl. sticky, siliceous minor lignite.
58.5 - 60.0	<u>CLAY</u> - Lt. tan/orange with some lt. gray and some black (lignite) mottling. Stiff, siliceous, sl. sticky to sticky, minor fine quartz sand grains.
63.5 - 65.0	<u>SAND</u> - Mottled orange/tan and tan, fine grained, well sorted quartz; v. sl. sticky in part.
68.5 - 70.0	<u>LIMESTONE</u> - Cream to lt. brown, granular to pebble sized, weathered; minor fine quartz sand grains.
73.5 - 75.0	<u>LIMESTONE</u> - Cream to lt. tan, granular to pebble sized, mod. soft to mod. hard, vugular in part; minor lt. orange/tan sand and clay, some lignite present.
78.5 - 80.0	<u>LIMESTONE</u> - Cream to lt. tan, granular to pebble sized, mod. soft to mod. hard; no sand or clay present.
85.0 - 88.5	<u>LIMESTONE</u> - Cream colored, mod. soft, small granular cuttings.
88.5 - 90.0	<u>CLAY</u> - Mottled lt. orange/tan, lt. gray and black (lignite), mod. stiff to soft, malleable, v. sl. sticky, siliceous.
93.5 - 95.0	<u>LIMESTONE AND CALCAREOUS CLAY</u> - Cream to very lt. tan, extremely well weathered, chalky, friable, poorly cemented; some siliceous clay, lt. tan/orange, firm, sticky, very soft, malleable; minor fine grained quartz sand seams, orange, well sorted.
98.5 - 100.0	<u>LIMESTONE</u> - Lt. cream to lt. tan, mod. well cemented, sandy, granular.
103.0 - 105.0	<u>LIMESTONE</u> - Cream to lt. orange/tan, fine granular cuttings; minor shell fragments.
108.5 - 110.0	<u>LIMESTONE</u> - Cream with minor orange/tan specks, granular, poorly cemented; some calcareous clay, soft, sticky; minor shell fragments.
118.5 - 120.0	<u>LIMESTONE</u> - Cream to lt. orange/tan, granular, poorly cemented with minor mod. well cemented pieces, vugular; minor shell fragments.
120.0 - 125.0	<u>LIMESTONE</u> - Cream to lt. orange/tan, granular cuttings, poorly to mod. well cemented; minor shell fragments.

Site: _____

Depth Interval (ft)	Description
128.5 - 130.0	<u>LIMESTONE</u> - Cream to lt. tan and lt. orange/tan, mod. hard to mod. soft, poorly to mod. well cemented, fossiliferous in part (molds and costs); minor shell fragments, minor amounts of calcareous clay.
133.5 - 135.0	<u>LIMESTONE</u> - Cream to lt. tan, slight orange tint -n part, poorly to well cemented, soft to hard, slightly fossiliferous in part; minor calcareous clays.

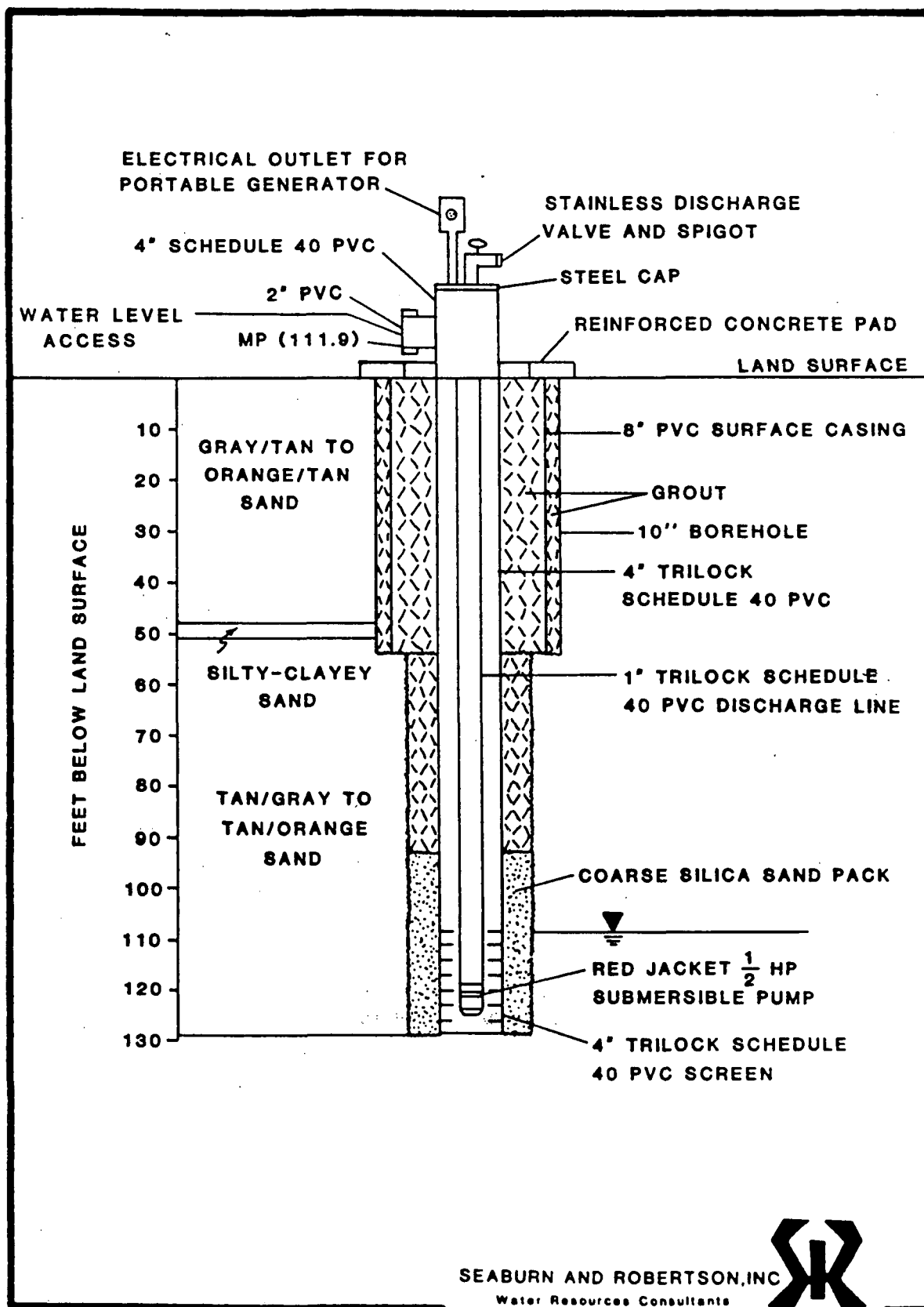


FIGURE 13.- MONITOR WELL B CONSTRUCTION DETAILS AND GEOLOGIC LOG.

Site: _____

Seaburn And Robertson, Inc.

Borehole: "B" Project No.: 83153
Lat.-Long.: Lat. 28° 50' 58" Long. 82° 26' 20" Client: Citrus Co.
Location: Southeast corner of landfill Geologist: J. McAllister/
J. Morris
Elevation of Land Surface: 111.2 feet above msl Total Depth: 250.4'
Log Reference Datum: Land surface Drilling Method: Rotary SPT

Description Parameters: **Primary rock type, color, hardness, texture, secondary rock type, specific minerals, fossils, observable porosity.**

Depth Interval (ft)	Description
0 - 1.0	<u>SAND</u> - Lt. gray/tan, fine grained, well sorted, loose quartz; some roots.
1.0 - 6.0	<u>SAND</u> - Lt. tan/orange, fine grained, well sorted, loose, quartz; some dark gray organic streaks 1-4 feet.
6.0 - 8.0	<u>SAND</u> - Lt. to med. tan/orange, fine grained, well sorted, mod. loose to loose quartz.
8.0 - 10.0	<u>SAND</u> - Lt. to med. tan/orange with med. orange mottling, fine grained, well sorted, mod. loose quartz.
13.5 - 15.0	<u>SAND</u> - Lt. to med. tan with some lt. orange streaks and rare lt. tan streaks, fine grained, well sorted, mod. loose quartz.
18.5 - 20.0	<u>SAND</u> - Lt. gray/tan, fine grained, well sorted, loose to mod. loose quartz; minor v. fine heavy mineral grains.
23.5 - 30.0	<u>SAND</u> - Lt. gray/tan, fine to v. fine grained, well sorted, loose to mod. loose quartz; minor v. fine heavy mineral grains; rare lignite shiny, black, soft, highly organic.
33.5 - 35.0	<u>SAND</u> - Lt. gray/tan, v. fine grained, well sorted, some lt. orange streaks, loose, quartz; some v. fine heavy mineral grains.
38.5 - 40.0	<u>SAND</u> - Lt. to med. tan, fine to v. fine grained, well sorted, mod. loose, rare lt. tan/orange streaks, quartz; v. minor fine heavy mineral grains.
43.5 - 45.0	<u>SAND</u> - Lt. tan, fine grained, well sorted, mod. loose, quartz; sl. silty.
48.5 - 50.0	<u>SILTY-CLAYEY SAND</u> - Lt. tan and lt. gray mottled, fine to v. fine grained, well sorted, mod. loose, quartz; sl. clayey in part, sl. silty throughout.

FOR DATE: 4/25/10

Site: _____

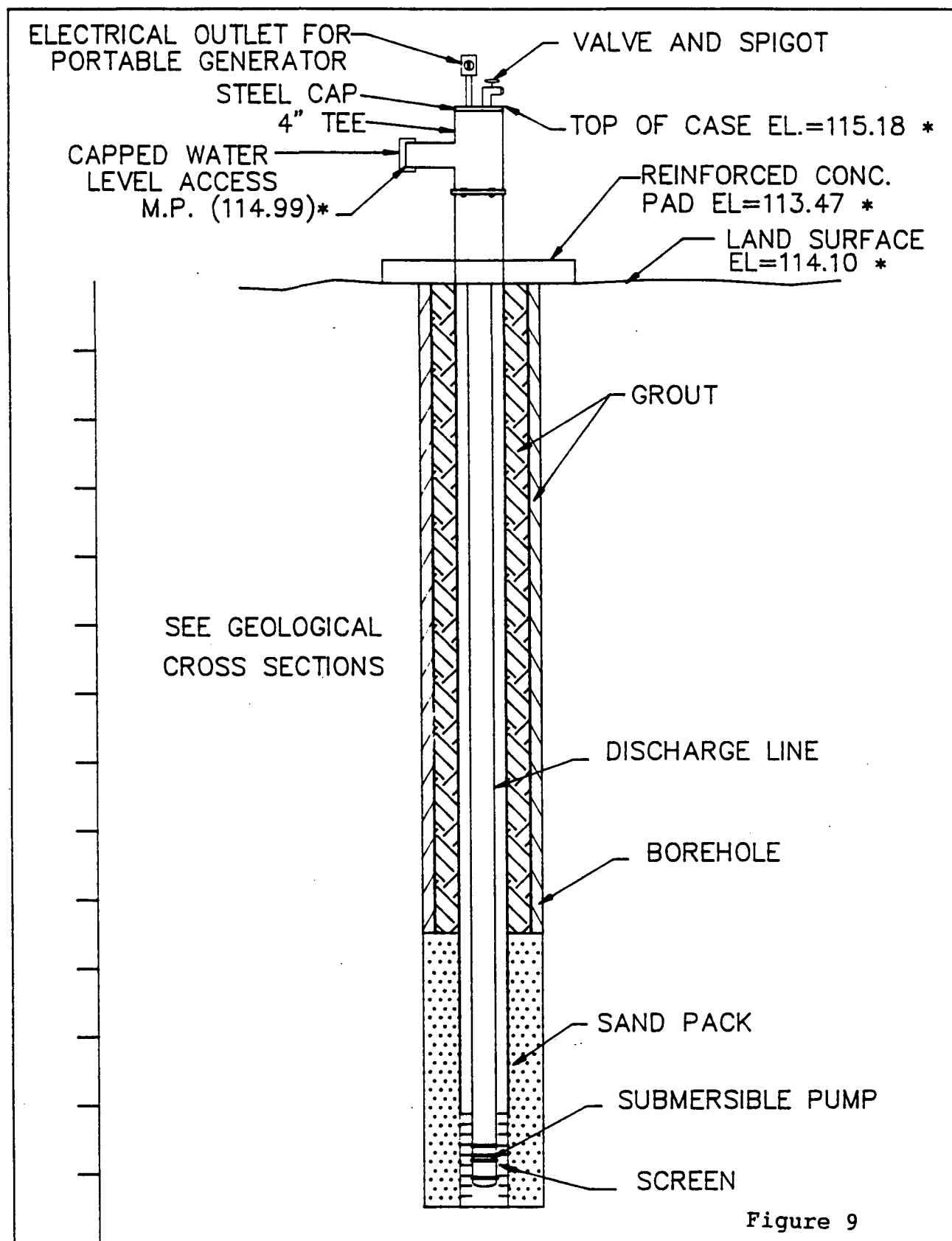
Depth Interval (ft)	Description
53.5 - 59.5	<u>SAND</u> - Lt. tan/gray with lt. to med. tan and lt. orange streaks, fine grained, well sorted, mod. loose, quartz; v. sl. silty, minor v. fine heavy mineral grains.
59.5 - 60.0	<u>SAND</u> - Lt. to med. tan and med. tan/orange mottled, fine grained, well sorted, mod. loose, quartz; v. minor heavy mineral grains, v. sl. silty.
63.5 - 65.0	<u>SAND</u> - Lt. tan/gray with minor med. tan streaks, fine to v. fine grained, well sorted, mod. loose, quartz; v. sl. silty, rare v. fine heavy mineral grains.
68.5 - 70.0	<u>SAND</u> - Lt. to very lt. tan/gray, fine to v. fine grained, well sorted, mod. loose, quartz; v. sl. silty.
73.5 - 75.0	<u>SAND</u> - Lt. tan and med. tan/orange mottled, fine to v. fine grained, well sorted, mod. loose to mod. dense, quartz; v. sl. silty; rare heavy mineral grains.
78.5 - 80.0	<u>SAND</u> - Lt. tan with minor med. tan/orange streaking, fine to v. fine grained, well sorted, mod. loose, rare med. grains, quartz; v. sl. silty.
83.5 - 85.0	<u>SAND</u> - Lt. tan and lt. gray mottled, fine to v. fine grained, well sorted, mod. loose to mod. dense, rare med. grains, quartz; v. sl. clayey.
88.5 - 90.0	<u>SAND</u> - Lt. tan and lt. gray mottled, fine grained, well sorted, mod. loose to mod. dense, quartz; sl. silty.
93.5 - 95.0	<u>SAND</u> - Lt. tan/orange and med. tan/orange mottled, fine grained, well sorted, mod. loose quartz; v. minor v. fine heavy mineral grains.
98.5 - 100.0	<u>SAND</u> - Med. to dk. orange/brown with varying amounts of lt. tan/orange mottling, fine to v. fine grained, rare med. grains, med. well sorted, mod. loose to loose, quartz.
103.5 - 105.0	<u>SAND</u> - Lt. tan/orange, med. to dk. orange/brown and lt. tan/green mottled, fine to v. fine grained, well sorted, mod. dense to mod. loose quartz; rare lignite, soft, shiny, black; sl. clayey.
108.5 - 110.0	<u>SAND</u> - Lt. tan/orange, med. to dk. orange/brown and med. tan/green mottled, fine grained, well sorted, mod. loose, quartz; sl. silty, v. sl. clayey.
113.5 - 115.0	<u>SAND</u> - Clean, white, very fine grained, well sorted, quartz; minor fine heavy mineral grains.
118.5 - 120.0	<u>SAND</u> - Clean, white, v. fine grained, well sorted, quartz; minor heavy mineral grains.

Site: _____

Depth Interval (ft)	Description
123.5 - 130.0	<u>SAND</u> - V. lt. gray to white, v. fine grained, well sorted, dense quartz; sl. silty, rare v. fine heavy mineral grains.
133.5 - 135.0	<u>SAND</u> - Lt. gray with some lt. gray mottling and rare orange/tan streaks, fine to v. fine grained, well sorted, mod. dense, quartz; some lt. gray sandy clay lenses (calcareous), rare fine heavy mineral grains.
138.5 - 145.0	<u>SAND</u> - Lt. gray with minor lt. gray/tan streaks, fine to med. grained, well sorted, mod. dense quartz; v. slightly silty.
148.5 - 155.0	<u>SAND</u> - Lt. gray and lt. gray/tan mottled, fine to v. fine grained, rare medium grains, well sorted, dense to mod. dense, quartz; v. sl. silty; rare v. fine heavy mineral grains.
158.5 - 160.0	<u>SAND</u> - Lt. tan with some lt. gray, fine grained with some med. grains, well sorted, mod. loose to mod. dense, quartz; sl. silty, v. minor heavy mineral grains.
163.5 - 165.0	<u>SAND AND SANDY CLAY</u> - Lt. to med. tan/yellow with rare tan/orange streaks, fine grained, well sorted, dense to v. dense, quartz; v. minor fine heavy mineral grains; clay is sl. sticky, siliceous.
168.5 - 170.0	<u>SAND</u> - Lt. gray, lt. tan and med. tan/orange streaked, fine grained, well sorted, dense to v. dense, quartz; sl. clayey in part; minor v. fine heavy mineral grains.
173.5 - 174.5	<u>SAND</u> - Lt. tan with lt. gray streaks, fine grained, well sorted, mod. dense, quartz; v. sl. clayey.
174.5 - 175.0	<u>SAND</u> - Med. tan/orange, fine grained, well sorted, mod. dense, quartz; v. sl. clayey.
178.5 - 180.0	<u>LIMESTONE</u> - Lt. gray/white, cuttings granular mod. hard to soft.
180.0 - 185.0	<u>LIMESTONE</u> - Lt. gray/white to orange/tan, hard, cuttings granular.
185.0 - 190.0	<u>LIMESTONE</u> - Tan, cuttings fine grained, mod. hard to hard, well cemented, sl. dolomitized in part.
190.0 - 195.0	<u>LIMESTONE</u> - Tan, cuttings fine grained, hard, well cemented, minor chert fragments.
195.0 - 200.0	<u>LIMESTONE</u> - Lt. gray/white to tan, mod. hard to mod. soft, mod. well to poorly cemented, fine grained, rare chert fragments, granular cuttings.
200.0 - 205.0	<u>LIMESTONE</u> - Lt. gray, mod. hard, fine grained, granular cuttings.
205.0 - 210.0	<u>LIMESTONE</u> - White to lt. tan, mod. well to well cemented, fine grained, some chert fragments, granular cuttings.

Site: _____

Depth Interval (ft)	Description
210.0 - 215.0	<u>LIMESTONE</u> - White to lt. tan, mod. well to well cemented, fine grained, granular cuttings.
215.0 - 220.0	<u>LIMESTONE</u> - White to lt. tan, well cemented, fine grained, granular to sm. pebble sized cuttings.
220.0 - 223.5	<u>LIMESTONE</u> - White with sl. tannish tint, hard, well cemented, granular cuttings.
223.5 - 228.5	<u>LIMESTONE</u> - Lt. tan and lt. to med. gray, mod. hard to mod. soft, friable, fine grained cuttings.
228.5 - 233.5	<u>LIMESTONE</u> - Lt. tan to white with some lt. gray and med. tan, mod. hard to mod. soft, friable.
233.5 - 238.5	<u>SOFT LIMESTONE</u> - Tan/gray, soft, sticky, calcareous clay.
238.5 - 238.7	<u>LIMESTONE</u> - Lt. tan/gray, mod. poorly cemented, mod. soft to soft, v. friable; interlayered with lt. gray, soft calcareous clay.
238.7 - 243.5	<u>LIMESTONE</u> - Lt. tan/gray, v. soft, friable; some lt. gray, soft, sticky, calcareous clay.
243.5 - 250.0	<u>LIMESTONE</u> - Lt. tan/gray to lt. tan, soft to mod. hard, friable in part; minor lt. gray, soft, calcareous clay.
250.0 - 250.4	<u>LIMESTONE</u> - White, mod. hard to mod. soft, friable, fine grained; some v. lt. gray, soft, calcareous clay.



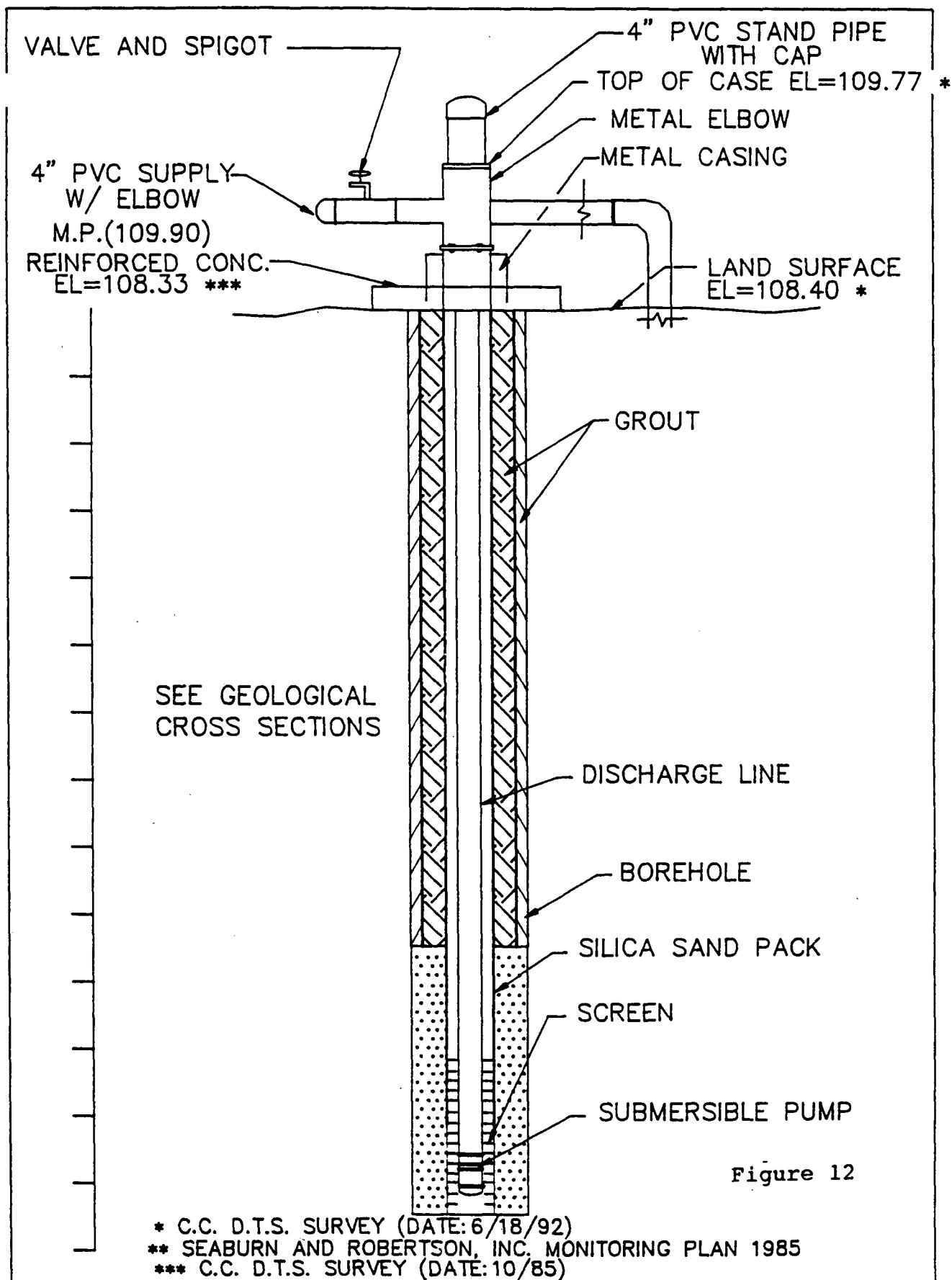
* C.C. D.T.S. SURVEY (DATE: 6/18/92)

** SEABURN AND ROBERTSON, INC. MONITORING PLAN 1985

CITRUS COUNTY FLORIDA DEPT. OF TECHNICAL SERVICES ENGINEERING DIVISION

SUBJECT: MONITOR WELL MW-C

PROJECT: CITRUS COUNTY CENTRAL LANDFILL DATE: BY: SHT. NO.



CITRUS COUNTY FLORIDA DEPT. OF TECHNICAL SERVICES ENGINEERING DIVISION

SUBJECT: MONITOR WELL MW-D

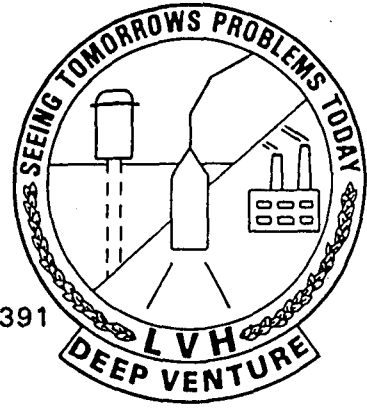
PROJECT: CITRUS COUNTY CENTRAL LANDFILL DATE: BY: SHT. NO.

DEEP VENTURE

Jim Hayden
Director Operations

Larry Simmons
Operations Technician

UNDERWATER 7000 FEET
TELEVISION AND 3-DIMENSIONAL STEREO
HORIZONTAL AND VERTICAL PIPES
WELL CASINGS-STRAIGHT AND 90 DEGREE VIEWING
WELL SCREEN CLEANING AND REDEVELOPMENT WITH SONAR JET
ROTARY MIRROR HEAD
ROUTE 2, BOX 329 - PERRY, FLORIDA 32347 - PHONE 904-584-6391



Mrs. Susan Metcalfe
P.O. Box 340
Lecanto, Florida 34460

REF: Landfill monitor wells.

"D"
Zero.....Top of Casing (Iron Pipe)
Static....105'
EOC.....188'
TD.....208'

limestone open hole

"A"
Zero.....Top of Casing (PVC)
Static....100'
TD.....129'

"C"
Zero.....Top of Casing (Iron Pipe)
Static....110'
EOC.....192'
TD.....199'

limestone open hole

"B"
Zero.....Top of Casing (PVC)
Static....107'
TD.....124'

EOC - End of Casing
TD - Total Depth

D.E.P.

SEP 19 1995

SOUTHERN DISTRICT
TAMPA

FILE No.: 94-6509	CLIENT: CITRUS COUNTY	PROJECT: CITRUS COUNTY LANDFILL	PERMIT No.: 559889.01
DATE STARTED: 11-8-94			WELL No.: MW-E
DATE FINISHED: 11-10-94	INSTALLED BY: R. PRATHER	SUPERVISOR: R. BURR	INITIAL WATERLEVEL (Below Top of Riser) 102.0 ft.
REMARKS: 8" hole to 95'; 4" hole 95.0' to 115.0'; Well off-gassing at explosive levels			

	DEPTH(ft.)
CONCRETE PAD 6' X 6' X 6' 4' X 5' Bollards PROTECTIVE CASING DIA: 4" LENGTH: 5.5' TYPE: Galvanized LOCK TYPE: WEEP HOLE (Y/N): N KEY No.: BACKFILL MATERIAL TYPE: Sand CEMENT (bags): 35 + Grout BENTONITE (lbs): 50 WATER (gals): 500 RISER CASING TYPE: ASTM PVC DIA: 2" SCHEDULE: 40 SEAL MATERIAL TYPE: Bentonite AMOUNT: 30 lbs FILTER PACK TYPE: Silica Sand GRADATION: 20/30 AMOUNT: 2 X 100 lbs SCREEN DIAMETER: 2" LENGTH: 20' TYPE: ASTM PVC SCHEDULE: 40 SLOT WIDTH: .010 CENTRALIZERS NUMBER: 6 LOCATION(S): 115', 95', 75', 55', 35', 15' SUMP LENGTH (ft.): 6'	

BORING LOG

ARDAMAN & ASSOCIATES, INC.

BORING NO: TH-1/MW-E
TOTAL DEPTH 115.0ft.
SHEET 1 OF 3

PROJECT Citrus County, Inverness, Florida

FILE NO. 94-6509

CLIENT Citrus County Solid Waste Department

ELEVATION 120.0' (NGVD)

BORING LOCATION _____

BORING TYPE _____

COUNTY Citrus County

STATE Florida

CASING TYPE 4 1/4 HSA to 95', 3 15/16 to 115'

DATE STARTED 11/10/94

COMPLETED 11/10/94

DRILLER/RIG R. Prather

WATER TABLE: 1st depth 99'

DATE 11/09/94

TIME _____

WATER TABLE: 2nd depth 99'

DATE 11/10/94

TIME _____

REMARKS _____

Elevation	Depth (ft)	Standard Pen. Test ASTM D-1586		Lab Data					Soils Description and Remarks	Depth (ft)	Graphic Log
		Blows/ 6 in	N Value	Sample Number	NH (%)	-200 (%)	LL (%)	PI (%)			
115	5										
110	10			1							
105	15									Light brown fine sand	
100	20			2							
95	25										
90	30			3						Orangish-brown fine sand	
85	35										
80	40			4/5						Light brown limestone with clay	

BORING LOG

ARDAMAN & ASSOCIATES, INC.

BORING NO: TH-1/MW-E
TOTAL DEPTH: 115.0ft.
SHEET 2 OF 3

PROJECT Citrus County, Inverness, Florida
CLIENT Citrus County Solid Waste Department
BORING LOCATION _____

FILE NO. 94-6509
ELEVATION 120.0' (NGVD)
BORING TYPE _____

Elevation	Depth (ft)	Standard Pen. Test ASTM D-1586			Lab Data					Soils Description and Remarks	Depth (ft)	Graphic Log
		Blows/ 6 in	N Value	Sample Number	NH (%)	-200 (%)	LL (%)	PI (%)	Dry Den (pcf)			
				4/5								
75	45											
70	50			6								
65	55											
60	60			7								
55	65											
50	70			8								
45	75											
40	80			9								

Light brown limestone

BORING LOG

ARDAMAN & ASSOCIATES, INC.

BORING NO: TH-1/MW-E
 TOTAL DEPTH: 115.0ft.
 SHEET 3 OF 3

PROJECT: Citrus County, Inverness, Florida
 CLIENT: Citrus County Solid Waste Department
 BORING LOCATION: _____

FILE NO. 94-6509
 ELEVATION 120.0' (NGVD)
 BORING TYPE: _____

Elevation	Depth (ft)	Standard Pen. Test ASTM D-1586			Lab Data					Soils Description and Remarks	Depth (ft)	Graphic Log
		Blows/ 6 in	N Value	Sample Number	N _w (%)	-200 (%)	LL (%)	PI (%)	Dry Den (pcf)			
				9								
35	85											
30	90			10								
25	95											
20	100			11								
15	105			12								
10	110			13								
5	115			14								
0	120									End of Boring at 115.0 feet below existing grade.		

Light brown limestone

rehole began offgassing at 95' and continued
 offgassing to end of boring.

Appendix D

Go Back 80. wk

CITRUS COUNTY CENTRAL LANDFILL
GROUNDWATER MONITORING - 80 ACRE SITE BACKGROUND TESTING
NOVEMBER 15, 1990 PAGE ONE

WELL DESIGNATION:	MW-1	MW-2	MW-3	MW-B
PARAMETERS:				
TURBIDITY, NTU	250	48	6,200	5.4
NICKEL, MG/L	<0.001	0.108	0.092	<0.001
ANTIMONY, MG/L	0.0053	0.0136	0.00284	0.0082
BERYLLIUM, MG/L	0.00027	<0.0002	0.00453	<0.0002
THALLIUM, MG/L	<0.001	<0.001	0.0047	<0.001
CYANIDE, MG/L	0.034	0.046	0.033	<0.005
1,1,1-TRICHLORETHANE, UG/L	<1	<1	<1	<1
1,1,2,2-TETACHLORETAN, UG/L	<1	<1	<1	<1
1,1,2-TRICHLORETHANE, UG/L	<1	<1	<1	<1
1,1-DICHLOROETHANE, UG/L	<1	<1	<1	<1
1,1-DICHLOROETHENE, UG/L	<1	<1	<1	<1
1,2-DICHLOROETHANE, UG/L	<1	<1	<1	<1
1,2-DICHLOROPROPANE, UG/L	<1	<1	<1	<1
2-CHLOROETHYLVINYLET, UG/L	<1	<1	<1	<1
BROMODICHLOROMETHANE, UG/L	<1	<1	<1	<1
BROMOFORM	<1	<1	<1	<1
c-1,3-DICHLORPROPENE, UG/L	<1	<1	<1	<1
CARBON TETRACHLORIDE, UG/L	<1	<1	<1	<1
CHLOROFORM, UG/L	<1	<1	<1	<1
DIBROMOCHLOROMETHANE, UG/L	<1	<1	<1	<1
METHYLENE CHLORIDE, UG/L	<1	<1	<1	<1
t-1,3-DICHLORPROPENE, UG/L	<2	<2	<2	<2
TRICHLORFLUORMETHANE, UG/L	<1	<1	<1	<1
1,2-DICHLOROETHENE, UG/L	<5	<5	<5	<5
TRICHLOROETHYLENE, UG/L	<0.50	<0.50	<0.50	<0.50
TETRACHLOROETHYLENE, UG/L	<3	<3	<3	<3
1,2-DBRM-3-CHLRPRPAN, UG/L	<5	<5	<5	<5
BROMOMETHANE, UG/L	<2	<2	<2	<2
CHLOROETHANE, UG/L	<0.50	<0.50	<0.50	<0.50
CHLOROMETHANE, UG/L	<0.50	<0.50	<0.50	<0.50
DICHLORODIFLUOROMETHANE, UG/L	<0.50	<0.50	<0.50	<0.50
VINYL CHLORIDE, UG/L	<0.50	<0.50	<0.50	<0.50
1,2-DICHLOROBENZENE, UG/L	<0.50	<0.50	<0.50	<0.50
1,3-DICHLOROBENZENE, UG/L	<0.50	<0.50	<0.50	<0.50
1,4-DICHLOROBENZENE, UG/L	<0.50	<0.50	<0.50	<0.50
BENZENE	<0.50	<0.50	<0.50	<0.50
CHLOROBENZENE, UG/L	<0.50	<0.50	<0.50	<0.50
ETHYLBENZENE, UG/L	<0.50	<0.50	<0.50	<0.50
TOLUENE, UG/L	<0.50	<0.50	<0.50	<0.50
XYLENE, UG/L	0.532	<0.50	<0.50	<0.50
M-TERT-BUTYL ETHER, UG/L	<0.50	<0.50	<0.50	<0.50
ACROLEIN, UG/L	<0.50	<0.50	<0.50	<0.50
ACRYLONITRILE, UG/L	<0.50	<0.50	<0.50	<0.50

CITRUS COUNTY CENTRAL LANDFILL
GROUNDWATER MONITORING - 80 ACRE SITE BACKGROUND TESTING
NOVEMBER 15, 1990 PAGE TWO

WELL DESIGNATION:	MW-1	MW-2	MW-3	MW-B
PARAMETERS:				
4-CHL-3-METHYLPHENOL, UG/L	<1	<1	<1	<1
2-CHLOROPHENOL, UG/L	<1	<1	<1	<1
2,4-DICHLOROPHENOL	<1	<1	<1	<1
2,4-DIMETHYLPHENOL, UG/L	<1	<1	<1	<1
2,4-DIMITROPHENOL, UG/L	<1	<1	<1	<1
2-MET-4,6-DINTRPHENL, UG/L	<1	<1	<1	<1
2-NITROPHENOL, UG/L	<1	<1	<1	<1
4-NITROPHENOL, UG/L	<1	<1	<1	<1
PENTACHLOROPHENOL, UG/L	<1	<1	<1	<1
PHENOL, UG/L	<1	<1	<1	<1
2,4,6-TRICHLORPHENOL, UG/L	<1	<1	<1	<1
BENZIDENE, UG/L	<1	<1	<1	<1
3,3-DICHLRBENZIDENE, UG/L	<1	<1	<1	<1
1,2-DIPHENLHYDRAZINE, UG/L	<1	<1	<1	<1
B- -ETHHEX)PHTHALATE, UG/L	<1	4.79	1.31	2.16
BUTYLBENZYLPHTHALATE, UG/L	<1	<1	<1	<1
DI-N-BUTLYPHTHALATE, UG/L	<1	1.59	<1	<1
DI-N-OCTYLPHTHALATE, UG/L	<1	1.88	<1	<1
DIETHYLPHTHALATE, UG/L	<1	<1	<1	<1
DIMETHYLPHTHALATE, UG/L	<1	<1	<1	<1
N-NITRSDIMETHYLAMINE, UG/L	<1	<1	<1	<1
N-NITRSDIPHENYLAMINE, UG/L	<1	<1	<1	<1
N-NITRSDI-M-PRPYLMINE, UG/L	<1	<1	<1	<1
2,4-DINITROTOLUENE, UG/L	<1	<1	<1	<1
2,6-DINITROTOLUENE, UG/L	<1	<1	<1	<1
ISOPHORONE, UG/L	<1	<1	<1	<1
NITROBENZENE, UG/L	<1	<1	<1	<1
ACENAPHTHYLENE, UG/L	<1	<1	<1	<1
ACENAPHTHENE, UG/L	<1	<1	<1	<1
ANTHRACENE, UG/L	<1	<1	<1	<1
BENZO(a)ANTHRACENE, UG/L	<1	<1	<1	<1
BENZO(a)PYRENE, UG/L	<1	<1	<1	<1
BENZO(b)FLUORANTHENE, UG/L	<1	<1	<1	<1
BENZO(g,h,i,)PERYLENE, UG/L	<1	<1	<1	<1
BENZO(k)FLUORANTHENE, UG/L	<1	<1	<1	<1
CHRYSENE, UG/L	<1	<1	<1	<1
DIBNZ(a,h)ANTHRACENE, UG/L	<1	<1	<1	<1
FLUORANTHENE, UG/L	<1	<1	<1	<1
FLUORENE, UG/L	<1	<1	<1	<1
IND(1,2,3-cd) PYRENE, UG/L	<1	<1	<1	<1
NAPHTHALENE, UG/L	<1	<1	<1	<1
1-METHYL-NAPHTHALENE, UG/L	<1	<1	<1	<1
2-METHYL-NAPHTHALENE, UG/L	<1	<1	<1	<1
PHENANTHRENE, UG/L	<1	<1	<1	<1
PYRENE, UG/L	<1	<1	<1	<1

CITRUS COUNTY CENTRAL LANDFILL
GROUNDWATER MONITORING - 80 ACRE SITE BACKGROUND TESTING
NOVEMBER 15, 1990 PAGE THREE

WELL DESIGNATION:	MW-1	MW-2	MW-3	MW-B
PARAMETERS:				
INTL-QA SPIKE (2FBP), % REC	39.2	68.9	45.7	45.7
b(CHLOROMETHYL) ETHER, UG/L	<1	<1	<1	<1
b(2-CHLORETHYL) ETHER, UG/L	<1	<1	<1	<1
4-CHLRPHNLPHNYLEETHER, UG/L	<1	<1	<1	<1
4-BRMPHNL-PHNYLEETHER, UG/L	<1	<1	<1	<1
B(2-CHLRISPROP) ETHER, UG/L	<1	<1	<1	<1
B(2-CHLRETHOX) METHANE, UG/L	<1	<1	<1	<1
2-CHLORONAPHTHALENE, UG/L	<1	<1	<1	<1
1,2,4-TRICHLRBENZENE, UG/L	<1	<1	<1	<1
HEXACHLOROBENZENE, UG/L	<1	<1	<1	<1
HEXACHLOROETHANE, UG/L	<1	<1	<1	<1
HEXACHLOROBUTADIENE, UG/L	<1	<1	<1	<1
HEXCHLRCYCLPENTDIENE, UG/L	<1	<1	<1	<1
DIOXIN, UG/L	<0.010	<0.010	<0.010	<0.010
4,4'-DDD, UG/L	<0.010	<0.010	<0.010	<0.010
4,4'-DDE, UG/L	<0.006	<0.006	<0.006	<0.006
4,4'-DDT, UG/L	<0.0016	<0.0016	<0.0016	<0.0016
a-BHC, UG/L	<0.002	<0.002	<0.002	<0.002
ALDRIN, UG/L	<0.003	<0.003	<0.003	<0.003
b-BHC, UG/L	<0.004	<0.004	<0.004	<0.004
CHLORDANE, UG/L	<0.04	<0.04	<0.04	<0.04
d-BHC, UG/L	<0.004	<0.004	<0.004	<0.004
DIELDRIN, UG/L	<0.006	<0.006	<0.006	<0.006
ENDOSULFAN - I, UG/L	<0.004	<0.004	<0.004	<0.004
ENDOSULFAN - II, UG/L	<0.004	<0.004	<0.004	<0.004
ENDOSULFAN - SULFATE, UG/L	<0.004	<0.004	<0.004	<0.004
ENDRIN, UG/L	<0.001	<0.001	<0.001	<0.001
ENDRIN - ALDEHYDE, UG/L	<0.001	<0.001	<0.001	<0.001
g-BHC, UG/L	<0.0005	<0.0005	<0.0005	<0.0005
HEPTACHLOR, UG/L	<0.002	<0.002	<0.002	<0.002
HEPTACHLOR - EPOXIDE, UG/L	<0.004	<0.004	<0.004	<0.004
KELTHANE (DICOVAL), UG/L	<0.05	<0.05	<0.05	<0.05
o,p-DDD, UG/L	<0.01	<0.01	<0.01	<0.01
o,p-DDE, UG/L	<0.006	<0.006	<0.006	<0.006
o,p-DDT, UG/L	<0.0016	<0.0016	<0.0016	<0.0016
PCB-1016, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1221, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1232, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1242, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1248, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1254, UG/L	<0.05	<0.05	<0.05	<0.05
PCB-1260, UG/L	<0.05	<0.05	<0.05	<0.05
TOXAPHENE, UG/L	<0.10	<0.10	<0.10	<0.10
INTL-QA SPIKE (DBC), % REC	48.0	125.0	92.0	100.0
LINDANE, UG/L	<0.0005	<0.0005	<0.0005	<0.0005

CITRUS COUNTY CENTRAL LANDFILL
GROUNDWATER MONITORING - 80 ACRE SITE BACKGROUND TESTING
NOVEMBER 15, 1990 PAGE FOUR

WELL DESIGNATION:

MW-1

MW-2

MW-3

MW-B

PARAMETERS:

METHOXYCHLOR, UG/L	<0.010	<0.010	<0.010	<0.010
TOXAPHENE, UG/L	<0.10	<0.10	<0.10	<0.10
DICAMBA, UG/L	<0.270	<0.270	<0.270	<0.270
2,4-D, UG/L	<0.005	<0.005	<0.005	<0.005
2,4,5-TP, UG/L	<0.002	<0.002	<0.002	<0.002
2,4,5-T, UG/L	<0.20	<0.20	<0.20	<0.20
2,4-DB, UG/L	<0.910	<0.910	<0.910	<0.910
DALAPON, UG/L	<5.7	<5.7	<5.7	<5.7
MCPP, UG/L	<192.0	<192.0	<192.0	<192.0
MCPA, UG/L	<249.0	<249.0	<249.0	<249.0
DICHLOROPROP, UG/L	<0.65	<0.65	<0.65	<0.65
DINOSEB, UG/L	<0.07	<0.07	<0.07	<0.07
ASBESTOS, F/ML	120.0	49.0	54.5	32.7
ARSENIC, MG/L	<0.0005	0.0002	<0.00095	<0.0005
BARIUM, MG/L	<0.01	<0.01	0.31	<0.01
CADIUM, MG/L	0.001	0.017	0.073	0.002
CHROMIUM, MG/L	0.007	0.058	0.014	<0.005
FLOURIDE, MG/L	<0.05	<0.05	<0.05	<0.05
LEAD, MG/L	<0.01	<0.01	<0.01	<0.01
MERCURY, MG/L	<0.0002	<0.0002	0.001	<0.0002
NITRATE (AS N), MG/L	1.41	1.16	1.59	0.17
SELENIUM, MG/L	<0.0005	<0.0005	<0.0005	<0.0005
SILVER, MG/L	<0.0005	<0.0005	<0.0005	<0.0005
SODIUM, MG/L	8.5	14.5	23.8	3.2
CALCIUM, MG/L	10.5	33.1	55.2	1.15
CHLORIDE, MG/L	12.6	87.7	57.0	7.2
CARBONATE, CaCo3, MG/L	27.5	7.9	52.2	3.9
COPPER, MG/L	0.055	0.184	0.367	0.04
BICARBONATE CaCo3, MG/L	27.5	7.9	52.2	6.2
IRON, MG/L	0.567	1.92	3.24	0.161
MAGNESIUM, MG/L	0.95	2.25	6.7	0.25
MANGANESE, MG/L	0.119	0.209	0.961	0.066
SULFATE, MG/L	6.9	12.9	7.0	2.7
ZINC, MG/L	0.244	0.66	4.79	0.111
CARBON DIOXIDE, MG/L	6.6	62.2	27.8	17.8
COLOR, PCU	90.0	65.0	10.0	<5.0
TOTAL HARDNESS, MG/L	30.3	91.9	166.0	3.9
NCH as CaCo3, MG/L	2.9	84.0	113.7	<0.10
ODOR, TON	2.0	2.0	5.0	<1.0
LAB PH, UNITS	6.921	5.406	6.576	5.843
ALKALINITY, MG/L	27.51	7.94	52.2	6.20
TOTAL DISSOLVED SOLIDS, MG/L	80.0	242.5	152.5	30.0
TEMP. DEGREES C	25	25	25	25
LANGELIER INDEX, LX	-2.0	-3.64	-1.41	-4.69
SATURATION INDEX, PHs	8.92	9.05	7.98	10.52
STABILITY INDEX, PH	10.91	12.6	9.39	15.20
SURFACTANTS, MG/L	<0.10	<0.10	<0.10	<0.10

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086
Monitoring Well #: NA
Well Name: MW-R-1

Sample Date: 01/03/95
Well type: ☒ Background
☐ Site Boundary
☐ Intermediate
☒ Compliance
☐ Other

Classification of Groundwater: GW-II
Well Developed Prior to
Sample Collection (Yes/No) YES

Ground Water Elevation: (above MSL) 6.67

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	6.70	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	20.9	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	200	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape_Measu	111.58	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	2.7	mg/l	UNF	NA
39337	alpha-BHC	Grab	EPA_608	<0.05	ug/l	UNF	NA
39338	beta-BHC	Grab	EPA_608	<0.05	ug/l	UNF	NA
34259	delta-BHC	Grab	EPA_608	<0.05	ug/l	UNF	NA
39330	Aldrin	Grab	EPA_608	<0.05	ug/l	UNF	NA
34361	Endosulfan I	Grab	EPA_608	<0.05	ug/l	UNF	NA
3380	Dieldrin	Grab	EPA_608	<0.10	ug/l	UNF	NA
39320	4,4'-DDE	Grab	EPA_608	<1.0	ug/l	UNF	NA
34356	Endosulfan II	Grab	EPA_608	<0.10	ug/l	UNF	NA
39310	4,4'-DDD	Grab	EPA_608	<1.0	ug/l	UNF	NA
34351	Endosulfan sulfate	Grab	EPA_608	<0.10	ug/l	UNF	NA
39300	4,4'-DDT	Grab	EPA_608	<1.0	ug/l	UNF	NA
34366	Endrin Aldehyde	Grab	EPA_608	<0.10	ug/l	UNF	NA
34576	2-Chloroethylvinylether	Grab	EPA_624	<10	ug/l	UNF	HCL
34210	Acrolein	Grab	EPA_624	<20	ug/l	UNF	HCL
34694	Phenol	Grab	EPA_625	<10	ug/l	UNF	NA
34586	2-Chlorophenol	Grab	EPA_625	<10	ug/l	UNF	NA
34591	2-Nitrophenol	Grab	EPA_625	<10	ug/l	UNF	NA
34606	2,4-Dimethylphenol	Grab	EPA_625	<10	ug/l	UNF	NA
34601	2,4-Dichlorophenol	Grab	EPA_625	<10	ug/l	UNF	NA
77421	4-Chloro-3-methyl phenol	Grab	EPA_625	<10	ug/l	UNF	NA
34621	2,4,6-Trichlorophenol	Grab	EPA_625	<10	ug/l	UNF	NA
34616	2,4-Dinitrophenol	Grab	EPA_625	<50	ug/l	UNF	NA
34646	4-Nitrophenol	Grab	EPA_625	<50	ug/l	UNF	NA
34657	4,6-Dinitro-2-methylpheno	Grab	EPA_625	<50	ug/l	UNF	NA
39032	Pentachlorophenol	Grab	EPA_625	<50	ug/l	UNF	NA
34438	N-Nitroso-dimethylamine	Grab	EPA_625	<10	ug/l	UNF	NA
34273	Bis(2-chloroethyl)ether	Grab	EPA_625	<10	ug/l	UNF	NA
34566	1,3-Dichlorobenzene	Grab	EPA_625	<10	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
ER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well Name: MW-R-1

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34571	1,4-Dichlorobenzene	Grab	EPA_625	<10	ug/l	UNF	NA
34536	1,2-Dichlorobenzene	Grab	EPA_625	<10	ug/l	UNF	NA
34283	Bis(2-chloroisopropyl)eth	Grab	EPA_625	<10	ug/l	UNF	NA
34428	N-Nitroso-di-n-propylamin	Grab	EPA_625	<10	ug/l	UNF	NA
34396	Hexachloroethane	Grab	EPA_625	<10	ug/l	UNF	NA
34447	Nitrobenzene	Grab	EPA_625	<10	ug/l	UNF	NA
34408	Isophorone	Grab	EPA_625	<10	ug/l	UNF	NA
34278	Bis(2-chloroethoxy)methan	Grab	EPA_625	<10	ug/l	UNF	NA
34551	1,2,4-Trichlorobenzene	Grab	EPA_625	<10	ug/l	UNF	NA
34696	Naphthalene	Grab	EPA_625	<10	ug/l	UNF	NA
34391	Hexachlorobutadiene	Grab	EPA_625	<10	ug/l	UNF	NA
34581	2-Chloronaphthalene	Grab	EPA_625	<10	ug/l	UNF	NA
34341	Dimethyl Phthalate	Grab	EPA_625	<10	ug/l	UNF	NA
34200	Acenaphthylene	Grab	EPA_625	<10	ug/l	UNF	NA
34205	Acenaphthene	Grab	EPA_625	<10	ug/l	UNF	NA
34611	2,4-Dinitrotoluene	Grab	EPA_625	<10	ug/l	UNF	NA
34626	2,6-Dinitrotoluene	Grab	EPA_625	<10	ug/l	UNF	NA
34336	Diethyl Phthalate	Grab	EPA_625	<10	ug/l	UNF	NA
34641	4-Chlorophenyl phenyl eth	Grab	EPA_625	<10	ug/l	UNF	NA
34381	Fluorene	Grab	EPA_625	<10	ug/l	UNF	NA
34433	N-Nitrosodiphenylamine	Grab	EPA_625	<10	ug/l	UNF	NA
34636	4-Bromophenyl phenyl ethe	Grab	EPA_625	<10	ug/l	UNF	NA
34461	Phenanthrene	Grab	EPA_625	<10	ug/l	UNF	NA
34220	Anthracene	Grab	EPA_625	<10	ug/l	UNF	NA
39110	Di-n-butyl Phthalate	Grab	EPA_625	<10	ug/l	UNF	NA
34376	Fluoranthene	Grab	EPA_625	<10	ug/l	UNF	NA
39120	Benzidine	Grab	EPA_625	<50	ug/l	UNF	NA
34469	Pyrene	Grab	EPA_625	<10	ug/l	UNF	NA
34292	Butyl benzyl phthalate	Grab	EPA_625	<10	ug/l	UNF	NA
34631	3,3'-Dichlorobenzidine	Grab	EPA_625	<20	ug/l	UNF	NA
34526	Benzo(a)anthracene	Grab	EPA_625	<10	ug/l	UNF	NA
34320	Chrysene	Grab	EPA_625	<10	ug/l	UNF	NA
34596	Di-n-octyl Phthalate	Grab	EPA_625	<10	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GWS #: 4009C00086
Monitoring Well #: NA
Well Name: MW-R-1

Sample Date: 01/03/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34230	Benzo(b)fluoranthene	Grab	EPA_625	<10	ug/l	UNF	NA
34242	Benzo(k)fluoranthene	Grab	EPA_625	<10	ug/l	UNF	NA
34403	Indeno (1,2,3-cd)pyrene	Grab	EPA_625	<10	ug/l	UNF	NA
34556	Dibenzo(a,h)anthracene	Grab	EPA_625	<10	ug/l	UNF	NA
34521	Benzo(g,h,i)perylene	Grab	EPA_625	<10	ug/l	UNF	NA
34675	2,3,7,8-TCDD (dioxin)	Grab	EPA_625	<1000	ug/l	UNF	NA
34346	1,2-Diphenylhydrazine	Grab	EPA_625	<10	ug/l	UNF	NA
81552	Acetone	Grab	EPA 8260	522	ug/l	UNF	HCl
34215	Acrylonitrile	Grab	EPA 8260	<8	ug/l	UNF	HCl
73085	Bromochloromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
32101	Bromodichloromethane	Grab	EPA 8260	<0.6	ug/l	UNF	HCl
32104	Bromoform	Grab	EPA 8260	<4	ug/l	UNF	HCl
77041	Carbon disulfide	Grab	EPA 8260	<5	ug/l	UNF	HCl
34311	Chloroethane	Grab	EPA 8260	<10	ug/l	UNF	HCl
32106	Chloroform	Grab	EPA 8260	12	ug/l	UNF	HCl
32105	Dibromochloromethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
77268	t-1,4-Dichloro-2-butene	Grab	EPA 8260	<50	ug/l	UNF	HCl
34496	1,1-Dichloroethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34704	c-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
34699	t-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
77103	2-Hexanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
34413	Methyl bromide	Grab	EPA 8260	<10	ug/l	UNF	HCl
34418	Methyl chloride	Grab	EPA 8260	<2.7	ug/l	UNF	HCl
81595	Methyl ethyl ketone	Grab	EPA 8260	<10	ug/l	UNF	HCl
77424	Methyl iodide	Grab	EPA 8260	<10	ug/l	UNF	HCl
78133	4-Methyl-2-pentanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
30217	Methylene bromide	Grab	EPA 8260	<5	ug/l	UNF	HCl
77562	1,1,1,2-Tetrachloroethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
34516	1,1,2,2-Tetrachloroethane	Grab	EPA 8260	<0.5	ug/l	UNF	HCl
34488	Trichlorofluoromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77443	1,2,3-Trichloropropane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77057	Vinyl Acetate	Grab	EPA 8260	<10	ug/l	UNF	HCl
01037	Cobalt	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well Name: MW-R-1

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00610	Nitrogen, Ammonia	Grab	EPA_350_1	0.04	mg/l	UNF	H2SO4
32730	Phenolics 4AAP (Manual)	Grab	EPA_420_1	<5	ug/l	UNF	H2SO4
01087	Vanadium	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT

(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well type ☒ Background

Well Name: MW-R-1

☐ Site Boundary

☐ Intermediate

Classification of Groundwater: GW-II

☒ Compliance

Well Developed Prior to

☐ Other

Sample Collection (Yes/No) YES

Ground Water Elevation: (above MSL) 6.67

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	6.70	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	20.9	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	200	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape Measu	111.58	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	2.7	mg/l	UNF	NA
01007	Barium	Grab	EPA_6010	<100	ug/l	UNF	HN03
01027	Cadmium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01034	Chromium	Grab	EPA_6010	<10	ug/l	UNF	HN03
01067	Nickel	Grab	EPA_6010	<10	ug/l	UNF	HN03
00929	Sodium	Grab	EPA_6010	43	mg/l	UNF	HN03
01012	Beryllium	Grab	EPA_6010	<4.0	ug/l	UNF	HN03
01051	Lead	Grab	EPA_6010	5.5	ug/l	UNF	HN03
01097	Antimony	Grab	EPA_6010	<6.0	ug/l	UNF	HN03
01059	Thallium	Grab	EPA_7841	<2.0	ug/l	UNF	HN03
01002	Arsenic	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01147	Selenium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
71900	Mercury	Grab	EPA_7470	<0.10	ug/l	UNF	HN03
01105	Aluminum	Grab	EPA_6010	1700	ug/l	UNF	HN03
01042	Copper	Grab	EPA_6010	<10	ug/l	UNF	HN03
01045	Iron	Grab	EPA_6010	690	ug/l	UNF	HN03
01055	Manganese	Grab	EPA_6010	290	ug/l	UNF	HN03
01077	Silver	Grab	EPA_6010	<10	ug/l	UNF	HN03
01092	Zinc	Grab	EPA_6010	<50	ug/l	UNF	HN03
01501	Gross Alpha	Grab	EPA_900_0	8.5	pCi/l	UNF	HN03
01502	Counting Error	Grab	EPA_900_0	+/- 1.6	pCi/l	UNF	HN03
82080	Total THMs	Grab	EPA 501.1	0.011	mg/l	UNF	Na2S2O3
34551	1,2,4-Trichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81686	cis-1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81551	Xylenes (total)	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34423	Dichloromethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34536	o-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34571	para-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39175	Vinyl Chloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well Name: MW-R-1

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34501	1,1-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34546	1,1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34531	1,2-Dichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34506	1,1,1-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
32102	Carbon Tetrachloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34541	1,2-Dichloropropane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39180	Trichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34511	1,1,2-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34475	Tetrachloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34301	Monochlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78124	Benzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78131	Toluene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34371	Ethylbenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34128	Styrene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
38760	Dibromochloropropane	Grab	EPA 504	<0.02	ug/l	UNF	Na2S203
77651	Ethylene Dibromide	Grab	EPA 504	<0.01	ug/l	UNF	Na2S203
39055	Simazine	Grab	EPA 507MOD	<4.0	ug/l	UNF	NA
39033	Atrazine	Grab	EPA 507MOD	<3.0	ug/l	UNF	NA
77825	Alachlor	Grab	EPA 507MOD	<0.2	ug/l	UNF	NA
39390	Endrin	Grab	EPA 508	<0.1	ug/l	UNF	NA
39340	Lindane	Grab	EPA 508	<0.05	ug/l	UNF	NA
39480	Methoxychlor	Grab	EPA 508	<0.1	ug/l	UNF	NA
39400	Toxaphene	Grab	EPA 508	<1.0	ug/l	UNF	NA
39410	Heptachlor	Grab	EPA 508	<0.05	ug/l	UNF	NA
39420	Heptachlor Epoxide	Grab	EPA 508	<0.05	ug/l	UNF	NA
39516	PCB (Total)	Grab	EPA 508	<0.5	ug/l	UNF	NA
39350	Chlordane	Grab	EPA 508	<0.5	ug/l	UNF	NA
38432	Dalapon	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39720	Picloram	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
30191	Dinoseb	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39730	2,4-D	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39760	2,4,5-TP (Silvex)	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39032	Pentachlorophenol	Grab	EPA 515.1	<0.5	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086
Monitoring Well #: NA
Well Name: MW-R-1
Sample Date: 01/03/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
77903	Di(2-ethylhexyl)adipate	Grab	EPA 525_1	<4.0	ug/l	UNF	NA
39100	Di(2-ethylhexyl)phthalate	Grab	EPA 525_1	1.0	ug/l	UNF	NA
34386	Hexachlorocyclopentadiene	Grab	EPA 525_1	<2.0	ug/l	UNF	NA
39700	Hexachlorobenzene	Grab	EPA 525_1	<0.8	ug/l	UNF	NA
34247	Benzo(a)pyrene	Grab	EPA 525_1	<0.8	ug/l	UNF	NA
38865	Oxamyl (Vydate)	Grab	EPA 531.1	<2.0	ug/l	UNF	MCAA
82615	Carbofuran	Grab	EPA 531.1	<1.5	ug/l	UNF	MCAA
79743	Glyphosate	Grab	EPA 547	<6.0	ug/l	UNF	NA
38926	Endothall	Grab	EPA 548	<9.0	ug/l	UNF	NA
78885	Diquat	Grab	EPA 549	<0.4	ug/l	UNF	H2SO4
00615	Nitrite (as N)	Grab	EPA 353.2	<0.02	mg/l	UNF	H2SO4
00620	Nitrate (as N)	Grab	EPA 353.2	0.06	mg/l	UNF	H2SO4
00720	Cyanide	Grab	EPA 335.3	<0.004	mg/l	UNF	NaOH
30951	Fluoride	Grab	EPA 340.2	0.23	mg/l	UNF	NA
1855	Asbestos (MFL)	Grab	600/4-83-04	<6.41	MFL	UNF	NA
00086	Odor (TON)	Grab	EPA SM2150	32	mg/l	UNF	NA
00081	Color (PCU)	Grab	EPA 110.2	300	mg/l	UNF	NA
00403	Lab pH (Units)	Grab	EPA 150.1	6.76	mg/l	UNF	NA
38260	Foaming agents	Grab	EPA 425.1	<0.10	mg/l	UNF	NA
70300	TDS	Grab	EPA 160.1	178	mg/l	UNF	NA
00940	Chloride	Grab	EPA 300.0	10.0	mg/l	UNF	NA
00951	Fluoride	Grab	EPA 340.2	0.23	mg/l	UNF	NA
00945	Sulfate	Grab	EPA 375.2	11	mg/l	UNF	NA
31501	Total Coliform	Grab	EPA SM9222B	<2	cfu/100ml	UNF	Na2S2O3

T. Coli: Setup Date/Time: 01/04/95 19:05:00 Read Date/Time: 01/05/95 16:00:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
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Re: EPA 525_1 - Sample 01:
Elevated detection limits caused by dilution of sample. Dilution was necessary because of matrix interference.

Re: EPA SM9222B (Total Coliform) - Sample 01:
Less than 200 non-coliform background bacteria.

Citrus County Landfill

PARAMETER MONITORING REPORT

(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086

Sample Date: 01/04/95

Monitoring Well #: 4009A15909

Well type ☒ Background

Well Name: MW-2

☐ Site Boundary

☐ Intermediate

☐ Compliance

☐ Other

Classification of Groundwater: GW-11

Well Developed Prior to

Sample Collection (Yes/No) YES

Ground Water Elevation: (above MSL) 8.45

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	5.90	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	20.1	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	25	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape_Measu	127.84	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	13.5	mg/l	UNF	NA
81552	Acetone	Grab	EPA 8260	18	ug/l	UNF	HCl
34215	Acrylonitrile	Grab	EPA 8260	<8	ug/l	UNF	HCl
73085	Bromochloromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
32101	Bromodichloromethane	Grab	EPA 8260	<0.6	ug/l	UNF	HCl
32104	Bromoform	Grab	EPA 8260	<4	ug/l	UNF	HCl
77041	Carbon disulfide	Grab	EPA 8260	<5	ug/l	UNF	HCl
34311	Chloroethane	Grab	EPA 8260	<10	ug/l	UNF	HCl
32106	Chloroform	Grab	EPA 8260	10	ug/l	UNF	HCl
32105	Dibromochloromethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
77268	t-1,4-Dichloro-2-butene	Grab	EPA 8260	<50	ug/l	UNF	HCl
34496	1,1-Dichloroethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34704	c-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
34699	t-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
77103	2-Hexanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
34413	Methyl bromide	Grab	EPA 8260	<10	ug/l	UNF	HCl
34418	Methyl chloride	Grab	EPA 8260	<2.7	ug/l	UNF	HCl
81595	Methyl ethyl ketone	Grab	EPA 8260	<10	ug/l	UNF	HCl
77424	Methyl iodide	Grab	EPA 8260	<10	ug/l	UNF	HCl
78133	4-Methyl-2-pentanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
30217	Methylene bromide	Grab	EPA 8260	<5	ug/l	UNF	HCl
77562	1,1,1,2-Tetrachloroethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
34516	1,1,2,2-Tetrachloroethane	Grab	EPA 8260	<0.5	ug/l	UNF	HCl
34488	Trichlorofluoromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77443	1,2,3-Trichloropropane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77057	Vinyl Acetate	Grab	EPA 8260	<10	ug/l	UNF	HCl
01037	Cobalt	Grab	EPA_200_7	<50	ug/l	UNF	HN03
00610	Nitrogen, Ammonia	Grab	EPA_350_1	0.04	mg/l	UNF	H2SO4
01087	Vanadium	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086 Sample Date: 01/04/95
Monitoring Well #: 4009A15909 Well type: [X] Background
Well Name: MW-2 [] Site Boundary
[] Intermediate
Classification of Groundwater: GW-11 [] Compliance
Well Developed Prior to [] Other
Sample Collection (Yes/No) YES Ground Water Elevation: (above MSL) 8.45

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	5.90	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	20.1	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	25	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape Measu	127.84	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	13.5	mg/l	UNF	NA
01007	Barium	Grab	EPA_6010	<100	ug/l	UNF	HN03
01027	Cadmium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01034	Chromium	Grab	EPA_6010	<10	ug/l	UNF	HN03
01067	Nickel	Grab	EPA_6010	<10	ug/l	UNF	HN03
00929	Sodium	Grab	EPA_6010	2.2	mg/l	UNF	HN03
31012	Beryllium	Grab	EPA_6010	<4.0	ug/l	UNF	HN03
1051	Lead	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01097	Antimony	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01059	Thallium	Grab	EPA_7841	<2.0	ug/l	UNF	HN03
01002	Arsenic	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01147	Selenium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
71900	Mercury	Grab	EPA_7470	<0.10	ug/l	UNF	HN03
01105	Aluminum	Grab	EPA_6010	<100	ug/l	UNF	HN03
01042	Copper	Grab	EPA_6010	<10	ug/l	UNF	HN03
01045	Iron	Grab	EPA_6010	280	ug/l	UNF	HN03
01055	Manganese	Grab	EPA_6010	<30	ug/l	UNF	HN03
01077	Silver	Grab	EPA_6010	<10	ug/l	UNF	HN03
01092	Zinc	Grab	EPA_6010	<50	ug/l	UNF	HN03
01501	Gross Alpha	Grab	EPA_900_0	0.9	pCi/l	UNF	HN03
01502	Counting Error	Grab	EPA_900_0	+/- 0.5	pCi/l	UNF	HN03
82080	Total THMs	Grab	EPA 501.1	0.009	mg/l	UNF	Na2S2O3
34551	1,2,4-Trichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81686	cis-1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81551	Xylenes (total)	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34423	Dichloromethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34536	o-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34571	para-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39175	Vinyl Chloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GWS #: 4009C00086
Monitoring Well #: 4009A15909
Well Name: MW-2

Sample Date: 01/04/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34501	1,1-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34546	1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34531	1,2-Dichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34506	1,1,1-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
32102	Carbon Tetrachloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34541	1,2-Dichloropropane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39180	Trichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34511	1,1,2-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34475	Tetrachloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34301	Monochlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78124	Benzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78131	Toluene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34371	Ethylbenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
7128	Styrene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
38760	Dibromochloropropane	Grab	EPA 504	<0.02	ug/l	UNF	Na2S2O3
77651	Ethylene Dibromide	Grab	EPA 504	<0.01	ug/l	UNF	Na2S2O3
39055	Simazine	Grab	EPA 507MOD	<4.0	ug/l	UNF	NA
39033	Atrazine	Grab	EPA 507MOD	<3.0	ug/l	UNF	NA
77825	Alachlor	Grab	EPA 507MOD	<0.2	ug/l	UNF	NA
39390	Endrin	Grab	EPA 508	<0.1	ug/l	UNF	NA
39340	Lindane	Grab	EPA 508	<0.05	ug/l	UNF	NA
39480	Methoxychlor	Grab	EPA 508	<0.1	ug/l	UNF	NA
39400	Toxaphene	Grab	EPA 508	<1.0	ug/l	UNF	NA
39410	Heptachlor	Grab	EPA 508	<0.05	ug/l	UNF	NA
39420	Heptachlor Epoxide	Grab	EPA 508	<0.05	ug/l	UNF	NA
39516	PCB (Total)	Grab	EPA 508	<0.5	ug/l	UNF	NA
39350	Chlordane	Grab	EPA 508	<0.5	ug/l	UNF	NA
38432	Dalapon	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39720	Picloram	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
30191	Dinoseb	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39730	2,4-D	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39760	2,4,5-TP (Silvex)	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39032	Pentachlorophenol	Grab	EPA 515.1	<0.5	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
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Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086
Monitoring Well #: 4009A15909
Well Name: MW-2

Sample Date: 01/04/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
77903	Di(2-ethylhexyl)adipate	Grab	EPA 525.1	<1.0	ug/l	UNF	NA
39100	Di(2-ethylhexyl)phthalate	Grab	EPA 525.1	<1.0	ug/l	UNF	NA
34386	Hexachlorocyclopentadiene	Grab	EPA 525.1	<0.5	ug/l	UNF	NA
39700	Hexachlorobenzene	Grab	EPA 525.1	<0.2	ug/l	UNF	NA
34247	Benzo(a)pyrene	Grab	EPA 525.1	<0.2	ug/l	UNF	NA
38865	Oxamyl (Vydate)	Grab	EPA 531.1	<2.0	ug/l	UNF	MCAA
82615	Carbofuran	Grab	EPA 531.1	<1.5	ug/l	UNF	MCAA
79743	Glyphosate	Grab	EPA 547	<6.0	ug/l	UNF	NA
38926	Endothall	Grab	EPA 548	<9.0	ug/l	UNF	NA
78885	Diquat	Grab	EPA 549	<0.4	ug/l	UNF	H2S04
00615	Nitrite (as N)	Grab	EPA 353.2	<0.02	mg/l	UNF	H2S04
00620	Nitrate (as N)	Grab	EPA 353.2	<0.02	mg/l	UNF	H2S04
00720	Cyanide	Grab	EPA 335.3	<0.004	mg/l	UNF	NaOH
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
1855	Asbestos (MFL)	Grab	600/4-83-04	<0.64	MFL	UNF	NA
00086	Odor (TON)	Grab	EPA SM2150	1	mg/l	UNF	NA
00081	Color (PCU)	Grab	EPA 110.2	5	mg/l	UNF	NA
00403	Lab pH (Units)	Grab	EPA 150.1	5.41	mg/l	UNF	NA
38260	Foaming agents	Grab	EPA 425.1	<0.10	mg/l	UNF	NA
70300	TDS	Grab	EPA 160.1	38	mg/l	UNF	NA
00940	Chloride	Grab	EPA 300.0	2.8	mg/l	UNF	NA
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
00945	Sulfate	Grab	EPA 375.4	1.0	mg/l	UNF	NA
31501	Total Coliform	Grab	EPA SM9222B	<2	cfu/100ml	UNF	Na2S203

T. Coli: Setup Date/Time: 01/04/95 19:05:00 Read Date/Time: 01/05/95 16:00:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
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Re: EPA SM9222B (Total Coliform) - Sample 02:
Less than 200 non-coliform background bacteria.

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086
Monitoring Well #: 4009A15910
Well Name: MW-3

Sample Date: 01/03/95
Well type: ☒ Background
☐ Site Boundary
☐ Intermediate
☐ Compliance
☐ Other

Classification of Groundwater: GW-II
Well Developed Prior to
Sample Collection (Yes/No) YES

Ground Water Elevation: (above MSL) 8.34

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	5.68	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	18.2	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	30	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape_Measu	112.13	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	13.1	mg/l	UNF	NA
81552	Acetone	Grab	EPA 8260	175	ug/l	UNF	HCl
34215	Acrylonitrile	Grab	EPA 8260	<8	ug/l	UNF	HCl
73085	Bromochloromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
32101	Bromodichloromethane	Grab	EPA 8260	<0.6	ug/l	UNF	HCl
32104	Bromoform	Grab	EPA 8260	<4	ug/l	UNF	HCl
77041	Carbon disulfide	Grab	EPA 8260	<5	ug/l	UNF	HCl
4311	Chloroethane	Grab	EPA 8260	<10	ug/l	UNF	HCl
32106	Chloroform	Grab	EPA 8260	15	ug/l	UNF	HCl
32105	Dibromochloromethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
77268	t-1,4-Dichloro-2-butene	Grab	EPA 8260	<50	ug/l	UNF	HCl
34496	1,1-Dichloroethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34704	c-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
34699	t-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
77103	2-Hexanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
34413	Methyl bromide	Grab	EPA 8260	<10	ug/l	UNF	HCl
34418	Methyl chloride	Grab	EPA 8260	<2.7	ug/l	UNF	HCl
81595	Methyl ethyl ketone	Grab	EPA 8260	<10	ug/l	UNF	HCl
77424	Methyl iodide	Grab	EPA 8260	<10	ug/l	UNF	HCl
78133	4-Methyl-2-pentanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
30217	Methylene bromide	Grab	EPA 8260	<5	ug/l	UNF	HCl
77562	1,1,1,2-Tetrachloroethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
34516	1,1,2,2-Tetrachloroethane	Grab	EPA 8260	<0.5	ug/l	UNF	HCl
34488	Trichlorofluoromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77443	1,2,3-Trichloropropane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77057	Vinyl Acetate	Grab	EPA 8260	<10	ug/l	UNF	HCl
01037	Cobalt	Grab	EPA_200_7	<50	ug/l	UNF	HN03
00610	Nitrogen, Ammonia	Grab	EPA_350_1	0.13	mg/l	UNF	H2SO4
01087	Vanadium	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GWS # : 4009C00086
Monitoring Well #: 4009A15910
Well Name: MW-3

Sample Date: 01/03/95
Well type: ☒ Background
☐ Site Boundary
☐ Intermediate
☐ Compliance
☐ Other

Classification of Groundwater: GW-II
Well Developed Prior to
Sample Collection (Yes/No) YES

Ground Water Elevation: (above MSL) 8.34

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	5.68	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	18.2	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	30	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape Measu	112.13	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	13.1	mg/l	UNF	NA
01007	Barium	Grab	EPA_6010	170	ug/l	UNF	HN03
01027	Cadmium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01034	Chromium	Grab	EPA_6010	12	ug/l	UNF	HN03
01067	Nickel	Grab	EPA_6010	<10	ug/l	UNF	HN03
00929	Sodium	Grab	EPA_6010	4.5	mg/l	UNF	HN03
01012	Beryllium	Grab	EPA_6010	<4.0	ug/l	UNF	HN03
01051	Lead	Grab	EPA_6010	18	ug/l	UNF	HN03
01097	Antimony	Grab	EPA_6010	<6.0	ug/l	UNF	HN03
01059	Thallium	Grab	EPA_7841	<2.0	ug/l	UNF	HN03
01002	Arsenic	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01147	Selenium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
71900	Mercury	Grab	EPA_7470	<0.10	ug/l	UNF	HN03
01105	Aluminum	Grab	EPA_6010	8100	ug/l	UNF	HN03
01042	Copper	Grab	EPA_6010	34	ug/l	UNF	HN03
01045	Iron	Grab	EPA_6010	2300	ug/l	UNF	HN03
01055	Manganese	Grab	EPA_6010	80	ug/l	UNF	HN03
01077	Silver	Grab	EPA_6010	<10	ug/l	UNF	HN03
01092	Zinc	Grab	EPA_6010	160	ug/l	UNF	HN03
01501	Gross Alpha	Grab	EPA_900_0	3.5	pCi/l	UNF	HN03
01502	Counting Error	Grab	EPA_900_0	+/- 0.9	pCi/l	UNF	HN03
82080	Total THMs	Grab	EPA 501.1	0.019	mg/l	UNF	Na2S203
34551	1,2,4-Trichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81686	cis-1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81551	Xylenes (total)	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34423	Dichloromethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34536	o-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34571	para-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39175	Vinyl Chloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: 4009A15910

Well Name: MW-3

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34501	1,1-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34546	1,1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34531	1,2-Dichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34506	1,1,1-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
32102	Carbon Tetrachloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34541	1,2-Dichloropropane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39180	Trichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34511	1,1,2-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34475	Tetrachloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34301	Monochlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78124	Benzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78131	Toluene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34371	Ethylbenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
77128	Styrene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
3760	Dibromochloropropane	Grab	EPA 504	<0.02	ug/l	UNF	Na2S2O3
77651	Ethylene Dibromide	Grab	EPA 504	<0.01	ug/l	UNF	Na2S2O3
39055	Simazine	Grab	EPA 507MOD	<4.0	ug/l	UNF	NA
39033	Atrazine	Grab	EPA 507MOD	<3.0	ug/l	UNF	NA
77825	Alachlor	Grab	EPA 507MOD	<0.2	ug/l	UNF	NA
39390	Endrin	Grab	EPA 508	<0.1	ug/l	UNF	NA
39340	Lindane	Grab	EPA 508	<0.05	ug/l	UNF	NA
39480	Methoxychlor	Grab	EPA 508	<0.1	ug/l	UNF	NA
39400	Toxaphene	Grab	EPA 508	<1.0	ug/l	UNF	NA
39410	Heptachlor	Grab	EPA 508	<0.05	ug/l	UNF	NA
39420	Heptachlor Epoxide	Grab	EPA 508	<0.05	ug/l	UNF	NA
39516	PCB (Total)	Grab	EPA 508	<0.5	ug/l	UNF	NA
39350	Chlordane	Grab	EPA 508	<0.5	ug/l	UNF	NA
38432	Dalapon	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39720	Picloram	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
30191	Dinoseb	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39730	2,4-D	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39760	2,4,5-TP (Silvex)	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39032	Pentachlorophenol	Grab	EPA 515.1	<0.5	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086
Monitoring Well #: 4009A15910
Well Name: MW-3
Sample Date: 01/03/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
77903	Di(2-ethylhexyl)adipate	Grab	EPA_525_1	<4.0	ug/l	UNF	NA
39100	Di(2-ethylhexyl)phthalate	Grab	EPA_525_1	<4.0	ug/l	UNF	NA
34386	Hexachlorocyclopentadiene	Grab	EPA_525_1	<2.0	ug/l	UNF	NA
39700	Hexachlorobenzene	Grab	EPA_525_1	<0.8	ug/l	UNF	NA
34247	Benzo(a)pyrene	Grab	EPA_525_1	<0.8	ug/l	UNF	NA
38865	Oxamyl (Vydate)	Grab	EPA 531.1	<2.0	ug/l	UNF	MCAA
82615	Carbofuran	Grab	EPA 531.1	<1.5	ug/l	UNF	MCAA
79743	Glyphosate	Grab	EPA 547	<6.0	ug/l	UNF	NA
38926	Endothall	Grab	EPA 548	<9.0	ug/l	UNF	NA
78885	Diquat	Grab	EPA 549	<0.4	ug/l	UNF	H2S04
00615	Nitrite (as N)	Grab	EPA 353.2	<0.02	mg/l	UNF	H2S04
00620	Nitrate (as N)	Grab	EPA 353.2	0.03	mg/l	UNF	H2S04
00720	Cyanide	Grab	EPA 335.3	<0.004	mg/l	UNF	NaOH
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
1855	Asbestos (MFL)	Grab	600/4-83-04	<6.41	MFL	UNF	NA
00086	Odor (TON)	Grab	EPA SM2150	1	mg/l	UNF	NA
00081	Color (PCU)	Grab	EPA 110.2	300	mg/l	UNF	NA
00403	Lab pH (Units)	Grab	EPA 150.1	5.83	mg/l	UNF	NA
38260	Foaming agents	Grab	EPA 425.1	<0.10	mg/l	UNF	NA
70300	TDS	Grab	EPA 160.1	56	mg/l	UNF	NA
00940	Chloride	Grab	EPA 300.0	<1.0	mg/l	UNF	NA
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
00945	Sulfate	Grab	EPA 375.4	1.9	mg/l	UNF	NA
31501	Total Coliform	Grab	EPA_SM9222B	<2	cfu/100ml	UNF	Na2S203

T. Coll: Setup Date/Time: 01/04/95 19:05:00 Read Date/Time: 01/05/95 16:00:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Re: EPA 525_1 - Sample 03:
Elevated detection limits caused by dilution of sample. Dilution was necessary because of matrix interference.

Re: EPA SM9222B (Total Coliform) - Sample 03:
Less than 200 non-coliform background bacteria.

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086 Sample Date: 01/04/95
Monitoring Well #: 4009A13195 Well type: [X] Background
Well Name: MW-B [] Site Boundary
[] Intermediate
Classification of Groundwater: GW-1 [X] Compliance
[] Other
Well Developed Prior to Sample Collection (Yes/No) YES Ground Water Elevation: (above MSL) 6.36

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	4.85	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	18.2	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	40	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape Measu	105.58	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	7.5	mg/l	UNF	NA
81552	Acetone	Grab	EPA 8260	<10	ug/l	UNF	HCl
34215	Acrylonitrile	Grab	EPA 8260	<8	ug/l	UNF	HCl
73085	Bromochloromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
32101	Bromodichloromethane	Grab	EPA 8260	<0.6	ug/l	UNF	HCl
32104	Bromoform	Grab	EPA 8260	<4	ug/l	UNF	HCl
77041	Carbon disulfide	Grab	EPA 8260	<5	ug/l	UNF	HCl
32111	Chloroethane	Grab	EPA 8260	<10	ug/l	UNF	HCl
32106	Chloroform	Grab	EPA 8260	<5	ug/l	UNF	HCl
32105	Dibromochloromethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
77268	t-1,4-Dichloro-2-butene	Grab	EPA 8260	<50	ug/l	UNF	HCl
34496	1,1-Dichloroethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34704	c-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
34699	t-1,3-Dichloropropene	Grab	EPA 8260	<1	ug/l	UNF	HCl
77103	2-Hexanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
34413	Methyl bromide	Grab	EPA 8260	<10	ug/l	UNF	HCl
34418	Methyl chloride	Grab	EPA 8260	<2.7	ug/l	UNF	HCl
81595	Methyl ethyl ketone	Grab	EPA 8260	<10	ug/l	UNF	HCl
77424	Methyl iodide	Grab	EPA 8260	<10	ug/l	UNF	HCl
78133	4-Methyl-2-pentanone	Grab	EPA 8260	<10	ug/l	UNF	HCl
30217	Methylene bromide	Grab	EPA 8260	<5	ug/l	UNF	HCl
77562	1,1,1,2-Tetrachloroethane	Grab	EPA 8260	<1	ug/l	UNF	HCl
34516	1,1,2,2-Tetrachloroethane	Grab	EPA 8260	<0.5	ug/l	UNF	HCl
34488	Trichlorofluoromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77443	1,2,3-Trichloropropane	Grab	EPA 8260	<5	ug/l	UNF	HCl
77057	Vinyl Acetate	Grab	EPA 8260	<10	ug/l	UNF	HCl
01037	Cobalt	Grab	EPA_200_7	<50	ug/l	UNF	HN03
00610	Nitrogen, Ammonia	Grab	EPA_350_1	0.14	mg/l	UNF	H2SO4
01087	Vanadium	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086 Sample Date: 01/04/95
Monitoring Well #: 4009A13195 Well type: [X] Background
Well Name: MW-B [] Site Boundary
[] Intermediate
[X] Compliance
[] Other
Classification of Groundwater: GW-11
Well Developed Prior to Sample Collection (Yes/No) YES Ground Water Elevation: (above MSL) 6.36

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	4.85	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	18.2	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	40	umhos/cm	UNF	NA
72020	Water Level	Grab	Tape_Measu	105.58	Feet	UNF	NA
00299	Dissolved Oxygen	Grab	EPA_360_1	7.5	mg/l	UNF	NA
01007	Barium	Grab	EPA_6010	<100	ug/l	UNF	HN03
01027	Cadmium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01034	Chromium	Grab	EPA_6010	<10	ug/l	UNF	HN03
01067	Nickel	Grab	EPA_6010	<10	ug/l	UNF	HN03
00929	Sodium	Grab	EPA_6010	5.1	mg/l	UNF	HN03
01012	Beryllium	Grab	EPA_6010	<4.0	ug/l	UNF	HN03
1051	Lead	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01097	Antimony	Grab	EPA_6010	<6.0	ug/l	UNF	HN03
01059	Thallium	Grab	EPA_7841	<2.0	ug/l	UNF	HN03
01002	Arsenic	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01147	Selenium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
71900	Mercury	Grab	EPA_7470	0.15	ug/l	UNF	HN03
01105	Aluminum	Grab	EPA_6010	580	ug/l	UNF	HN03
01042	Copper	Grab	EPA_6010	<10	ug/l	UNF	HN03
01045	Iron	Grab	EPA_6010	380	ug/l	UNF	HN03
01055	Manganese	Grab	EPA_6010	<30	ug/l	UNF	HN03
01077	Silver	Grab	EPA_6010	<10	ug/l	UNF	HN03
01092	Zinc	Grab	EPA_6010	100	ug/l	UNF	HN03
01501	Gross Alpha	Grab	EPA_900_0	1.2	pCi/l	UNF	HN03
01502	Counting Error	Grab	EPA_900_0	+/- 0.5	pCi/l	UNF	HN03
82080	Total THMs	Grab	EPA 501.1	<0.001	mg/l	UNF	Na2S2O3
34551	1,2,4-Trichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81686	cis-1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
81551	Xylenes (total)	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34423	Dichloromethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34536	o-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34571	para-Dichlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39175	Vinyl Chloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086
Monitoring Well #: 4009A13195
Well Name: MW-B

Sample Date: 01/04/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
34501	1,1-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34546	t-1,2-Dichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34531	1,2-Dichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34506	1,1,1-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
32102	Carbon Tetrachloride	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34541	1,2-Dichloropropane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
39180	Trichloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34511	1,1,2-Trichloroethane	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34475	Tetrachloroethylene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34301	Monochlorobenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78124	Benzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
78131	Toluene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
34371	Ethylbenzene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
77128	Styrene	Grab	EPA 524.2	<0.5	ug/l	UNF	HCl
7760	Dibromochloropropane	Grab	EPA 504	<0.02	ug/l	UNF	Na2S2O3
77651	Ethylene Dibromide	Grab	EPA 504	<0.01	ug/l	UNF	Na2S2O3
39055	Simazine	Grab	EPA 507MOD	<4.0	ug/l	UNF	NA
39033	Atrazine	Grab	EPA 507MOD	<3.0	ug/l	UNF	NA
77825	Alachlor	Grab	EPA 507MOD	<0.2	ug/l	UNF	NA
39390	Endrin	Grab	EPA 508	<0.1	ug/l	UNF	NA
39340	Lindane	Grab	EPA 508	<0.05	ug/l	UNF	NA
39480	Methoxychlor	Grab	EPA 508	<0.1	ug/l	UNF	NA
39400	Toxaphene	Grab	EPA 508	<1.0	ug/l	UNF	NA
39410	Heptachlor	Grab	EPA 508	<0.05	ug/l	UNF	NA
39420	Heptachlor Epoxide	Grab	EPA 508	<0.05	ug/l	UNF	NA
39516	PCB (Total)	Grab	EPA 508	<0.5	ug/l	UNF	NA
39350	Chlordane	Grab	EPA 508	<0.5	ug/l	UNF	NA
38432	Dalapon	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39720	Picloram	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
30191	Dinoseb	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39730	2,4-D	Grab	EPA 515.1	<2.0	ug/l	UNF	NA
39760	2,4,5-TP (Silvex)	Grab	EPA 515.1	<1.0	ug/l	UNF	NA
39032	Pentachlorophenol	Grab	EPA 515.1	<0.5	ug/l	UNF	NA

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GWS #: 4009C00086
Monitoring Well #: 4009A13195
Well Name: MW-B

Sample Date: 01/04/95

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
77903	Di(2-ethylhexyl)adipate	Grab	EPA_525_1	<1.0	ug/l	UNF	NA
39100	Di(2-ethylhexyl)phthalate	Grab	EPA_525_1	<1.0	ug/l	UNF	NA
34386	Hexachlorocyclopentadiene	Grab	EPA_525_1	<0.5	ug/l	UNF	NA
39700	Hexachlorobenzene	Grab	EPA_525_1	<0.2	ug/l	UNF	NA
34247	Benzo(a)pyrene	Grab	EPA_525_1	<0.2	ug/l	UNF	NA
38865	Oxamyl (Vydate)	Grab	EPA 531.1	<2.0	ug/l	UNF	MCAA
82615	Carbofuran	Grab	EPA 531.1	<1.5	ug/l	UNF	MCAA
79743	Glyphosate	Grab	EPA 547	<6.0	ug/l	UNF	NA
38926	Endothall	Grab	EPA 548	<9.0	ug/l	UNF	NA
78885	Diquat	Grab	EPA 549	<0.4	ug/l	UNF	H2SO4
00615	Nitrite (as N)	Grab	EPA 353.2	<0.02	mg/l	UNF	H2SO4
00620	Nitrate (as N)	Grab	EPA 353.2	1.59	mg/l	UNF	H2SO4
00720	Cyanide	Grab	EPA 335.3	<0.004	mg/l	UNF	NaOH
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
1855	Asbestos (MFL)	Grab	600/4-83-04	<0.64	MFL	UNF	NA
00086	Odor (TON)	Grab	EPA SM2150	1	mg/l	UNF	NA
00081	Color (PCU)	Grab	EPA 110.2	60	mg/l	UNF	NA
00403	Lab pH (Units)	Grab	EPA 150.1	4.70	mg/l	UNF	NA
38260	Foaming agents	Grab	EPA 425.1	<0.10	mg/l	UNF	NA
70300	TDS	Grab	EPA 160.1	48	mg/l	UNF	NA
00940	Chloride	Grab	EPA 300.0	3.7	mg/l	UNF	NA
00951	Fluoride	Grab	EPA 340.2	<0.10	mg/l	UNF	NA
00945	Sulfate	Grab	EPA 375.4	1.1	mg/l	UNF	NA
31501	Total Coliform	Grab	EPA_SM9222B	<2	cfu/100ml	UNF	Na2S2O3

T. Coli: Setup Date/Time: 01/04/95 19:05:00

Read Date/Time: 01/05/95 16:00:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Appendix E

**Orlando Laboratories, Inc.**

P.O. Box 149127, Orlando, FL 32814

(407) 896-6645 FAX (407) 898-6588

Seni-Annual

REPORT OF ANALYSIS

Citrus County
Department of Solid Waste
P. O. Box 340
Lecanto, FL 34460-0340
Attn: Cathy Winter

Work Order # : 95-01-020
Date Received: 01/03/95
Date Reported: 01/16/95
OLI Contact: J_BEATO

Work ID: Leachate Weekly Tank #1
Samples collected by: OLI Field Team
Total Samples: 3

<u>Sample Identification</u>	<u>Description of Analysis</u>	<u>Description of Analysis</u>
01A Leachate Tank #1	Field Data for DER Samples GC/MS Vol Organics:Appx I Chloride Inorganic Chemical (ICAP) Inorganic Chemical (Hg) Nitrogen, Ammonia Total Dissolved Solids	EDB/DBCP in Water Bicarbonate Cobalt Inorganic Chemical (ICAP) Secondary Chemical (ICAP) Nitrogen, Nitrate Vanadium
01B Leachate Tank #1	Field Data for DER Samples BOD 5 Day Nitrogen, Ammonium Total Suspended Solids	Alkalinity Chemical Oxygen Demand Nitrogen, Total Kjeldahl
03A Method Blank	Field Data for DER Samples GC/MS Vol Organics:Appx I QC for Microbiology	EDB/DBCP in Water QC for Metals QC for Wet Chemistry

RECEIVED

JAN 23 1995

Respectfully Submitted,
ORLANDO LABORATORIES, INC.

Eric Malarek
LABORATORY DIRECTOR

Sharon Kunsman
QUALITY CONTROL

Order #: 95-01-020-01A
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

Page: 2

Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009000086

Monitoring Well #: NA

Well Name: LEACHATE TANK 1

Sample Date: 01/03/95

Well type
☐ Background
☐ Site Boundary
☐ Intermediate
☐ Compliance
☒ Other

Classification of Groundwater: NA

Well Developed Prior to

Sample Collection (Yes/No) NA

Ground Water Elevation: (above MSL) NA

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	6.89	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	19.6	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	182	umhos/cm	UNF	NA
77651	EDB	Grab	EPA_504	<0.02	ug/l	UNF	Na2S2O3
38760	DBCP	Grab	EPA_504	<0.02	ug/l	UNF	Na2S2O3
81552	Acetone	Grab	EPA 8260	<50	ug/l	UNF	HCl
34215	Acrylonitrile	Grab	EPA 8260	<40	ug/l	UNF	HCl
78124	Benzene	Grab	EPA 8260	<5	ug/l	UNF	HCl
33085	Bromochloromethane	Grab	EPA 8260	<25	ug/l	UNF	HCl
32101	Bromodichloromethane	Grab	EPA 8260	<3.0	ug/l	UNF	HCl
32104	Bromoform	Grab	EPA 8260	<20	ug/l	UNF	HCl
77041	Carbon disulfide	Grab	EPA 8260	<25	ug/l	UNF	HCl
32102	Carbon tetrachloride	Grab	EPA 8260	<15	ug/l	UNF	HCl
34301	Chlorobenzene	Grab	EPA 8260	<25	ug/l	UNF	HCl
34311	Chloroethane	Grab	EPA 8260	<50	ug/l	UNF	HCl
32106	Chloroform	Grab	EPA 8260	<25	ug/l	UNF	HCl
32105	Dibromochloromethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34536	1,2-Dichlorobenzene	Grab	EPA 8260	<25	ug/l	UNF	HCl
34571	1,4-Dichlorobenzene	Grab	EPA 8260	<25	ug/l	UNF	HCl
77268	t-1,4-Dichloro-2-butene	Grab	EPA 8260	<250	ug/l	UNF	HCl
34496	1,1-Dichloroethane	Grab	EPA 8260	<25	ug/l	UNF	HCl
34531	1,2-Dichloroethane	Grab	EPA 8260	<15	ug/l	UNF	HCl
34501	1,1-Dichloroethylene	Grab	EPA 8260	<25	ug/l	UNF	HCl
31686	c-1,2-Dichloroethylene	Grab	EPA 8260	<25	ug/l	UNF	HCl
34546	t-1,2-Dichloroethylene	Grab	EPA 8260	<25	ug/l	UNF	HCl
34541	1,2-Dichloropropane	Grab	EPA 8260	<25	ug/l	UNF	HCl
34704	c-1,3-Dichloropropene	Grab	EPA 8260	<5	ug/l	UNF	HCl
34699	t-1,3-Dichloropropene	Grab	EPA 8260	<5	ug/l	UNF	HCl
34371	Ethylbenzene	Grab	EPA 8260	45	ug/l	UNF	HCl
77103	2-Hexanone	Grab	EPA 8260	<50	ug/l	UNF	HCl
34413	Methyl bromide	Grab	EPA 8260	<50	ug/l	UNF	HCl
34418	Methyl chloride	Grab	EPA 8260	<14	ug/l	UNF	HCl
31595	Methyl ethyl ketone	Grab	EPA 8260	<50	ug/l	UNF	HCl

Well development: pumping the well prior to sampling to obtain representative ground water samples.
 DER form 17-1.216(2) Effective January 1, 1983

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Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well Name: LEACHATE TANK 1

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
77424	Methyl iodide	Grab	EPA 8260	<50	ug/l	UNF	HCl
78133	4-Methyl-2-pentanone	Grab	EPA 8260	<50	ug/l	UNF	HCl
30217	Methylene bromide	Grab	EPA 8260	<25	ug/l	UNF	HCl
34423	Methylene chloride	Grab	EPA 8260	<25	ug/l	UNF	HCl
77128	Styrene	Grab	EPA 8260	<25	ug/l	UNF	HCl
77562	1,1,1,2-Tetrachloroethane	Grab	EPA 8260	<5	ug/l	UNF	HCl
34516	1,1,2,2-Tetrachloroethane	Grab	EPA 8260	<2.5	ug/l	UNF	HCl
34475	Tetrachloroethylene	Grab	EPA 8260	<15	ug/l	UNF	HCl
78131	Toluene	Grab	EPA 8260	<25	ug/l	UNF	HCl
34506	1,1,1-Trichloroethane	Grab	EPA 8260	<25	ug/l	UNF	HCl
34511	1,1,2-Trichloroethane	Grab	EPA 8260	<25	ug/l	UNF	HCl
39180	Trichloroethylene	Grab	EPA 8260	<15	ug/l	UNF	HCl
34488	Trichlorofluoromethane	Grab	EPA 8260	<25	ug/l	UNF	HCl
77443	1,2,3-Trichloropropane	Grab	EPA 8260	<25	ug/l	UNF	HCl
77057	Vinyl Acetate	Grab	EPA 8260	<50	ug/l	UNF	HCl
39175	Vinyl Chloride	Grab	EPA 8260	<5	ug/l	UNF	HCl
81551	Xylene (total)	Grab	EPA 8260	80	ug/l	UNF	HCl
00440	Bicarbonate	Grab	EPA_SM2320B	2440	mgHC03/l	UNF	NA
00940	Chloride	Grab	EPA_325_2	624	mg/l	UNF	NA
01037	Cobalt	Grab	EPA_200_7	<50	ug/l	UNF	HN03
01007	Barium	Grab	EPA_6010	<100	ug/l	UNF	HN03
01027	Cadmium	Grab	EPA_6010	<5.0	ug/l	UNF	HN03
01034	Chromium	Grab	EPA_6010	<100	ug/l	UNF	HN03
01067	Nickel	Grab	EPA_6010	<100	ug/l	UNF	HN03
00929	Sodium	Grab	EPA_6010	480	mg/l	UNF	HN03
01012	Beryllium	Grab	EPA_6010	<4.0	ug/l	UNF	HN03
01051	Lead	Grab	EPA_6010	<50	ug/l	UNF	HN03
01097	Antimony	Grab	EPA_6010	<6.0	ug/l	UNF	HN03
01059	Thallium	Grab	EPA_7841	<50	ug/l	UNF	HN03
01002	Arsenic	Grab	EPA_6010	<50	ug/l	UNF	HN03
01147	Selenium	Grab	EPA_6010	<50	ug/l	UNF	HN03
71900	Mercury	Grab	EPA_7470	<0.10	ug/l	UNF	HN03
01105	Aluminum	Grab	EPA_6010	<100	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Re: EPA 8260:

Elevated detection limits caused by dilution of sample. Dilution was necessary because of matrix interference.

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Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS #: 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well Name: LEACHATE TANK 1

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
01042	Copper	Grab	EPA_6010	<10	ug/l	UNF	HN03
01045	Iron	Grab	EPA_6010	16000	ug/l	UNF	HN03
01055	Manganese	Grab	EPA_6010	210	ug/l	UNF	HN03
01077	Silver	Grab	EPA_6010	<10	ug/l	UNF	HN03
01092	Zinc	Grab	EPA_6010	<50	ug/l	UNF	HN03
00610	Nitrogen, Ammonia	Grab	EPA_350_1	268	mg/l	UNF	H2SO4
00620	Nitrogen, Nitrate	Grab	EPA_353_2	0.04	mg/l	UNF	SEE_EAC
70300	Total Dissolved Solids	Grab	EPA_160_1	2280	mg/l	FIL	NA
01087	Vanadium	Grab	EPA_200_7	<50	ug/l	UNF	HN03

Well development: pumping the well prior to sampling to obtain representative ground water samples.
DER form 17-1.216(2) Effective January 1, 1983

Order #: 95-01-020-018
Client: Citrus County

Orlando Laboratories, Inc.
Report of Analysis for DER

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Citrus County Landfill

PARAMETER MONITORING REPORT
(Rule 17-3.402, 17-3.404 - 17-3.406)

GMS # : 4009C00086

Sample Date: 01/03/95

Monitoring Well #: NA

Well type: ☐ Background
☐ Site Boundary
☐ Intermediate
☐ Compliance
☒ Other

Classification of Groundwater: NA

Well Developed Prior to

Sample Collection (Yes/No) NA

Ground Water Elevation: (above MSL) NA

STORET Code	Parameter	Sampling Method	Analysis Method	Analysis Results	Units	UNF/FIL	Preservative Used
00400	Field pH	Grab	EPA_150_1	6.89	Units	UNF	NA
00010	Temperature	Grab	EPA_170_1	19.6	°C	UNF	NA
00094	Conductivity	Grab	EPA_120_1	182	umhos/cm	UNF	NA
00410	Alkalinity	Grab	EPA_310_1	2000	mgCaCO3/l	UNF	NA
00310	BOD 5 Day	Grab	SM_5210_B	80	mg/l	UNF	NA
00340	Chemical Oxygen Demand	Grab	EPA_410_4	381	mg/l	UNF	H2SO4
83341	Nitrogen, Ammonium	Grab	CALCULATION	267	mg/l	UNF	H2SO4
00625	Nitrogen, Total Kjeldahl	Grab	EPA_351_2	268	mg/l	UNF	H2SO4
00530	Total Suspended Solids	Grab	EPA_160_2	20.5	mg/l	FIL	NA

BOD: Setup Date/Time: 01/04/95 15:00:00

Read Date/Time: 01/09/95 13:00:00

Well development: pumping the well prior to sampling to obtain representative ground water samples.

DER form 17-1.216(2)

Effective January 1, 1983